

# U.S. SEAL MFG.

FOR OVER 60 YEARS SERVING THESE INDUSTRIES

*Agricultural • HVAC • Mining • Pool and Spa • Wastewater*



**DEMAND QUALITY . . .**

**DEMAND U.S. SEAL MFG.**

# U.S. SEAL MFG.

Trusted Supplier of Quality Mechanical Seals and Supporting Products for over 60 years.  
Serving many industries including Agriculture, Construction,  
HVAC, Mining, Pool & Spa and Wastewater.

## PS Line

- Aftermarket Industry Standard
- U.S. SEAL MFG. part numbers most imitated
- See catalog pages 6-101 for extensive OEM Cross-Reference
- Wide variety of designs and materials
- Seal sizes from .250" to 5.625"



## Value Guard Line

- Inch sizes are cost competitive and similar to our PS Line
- Metric sizes include specialty seals for Aquascape, Ebara, Flygt, GPM, Grundfos, Hanjin, Honda Trash Pump, KSB, Travaini, Tsurumi and Wilo

**VGS**  
VALUE GUARD SEAL



## Supporting Products

### Cyclone Abrasive Separators

- Nylon
- 316SS

### O-Ring Kits

- O-Ring Kits for Flygt and Reliance

### Replacement Seal Kits

- Seal Kits for A-C Pump, Aurora®, Gorman Rupp, Hoffman Pumps, Paco, Peerless and Taco®
- Kits contain mechanical seal and associated parts that are included in the OEM kits

### Packing and Packing Accessories

- PTFE Lantern Ring Strips
- Packing Hooks, Cutters and Tool Kits
- Packing for General and Chemical Service, Severe Service, Food and Beverage Service

### U.S. SEALUBE (Seal Installation Lubricant)

- 1 cc Pillow Pack
- 10 ml Tube
- 1/2, 4 and 8 oz. Bottles



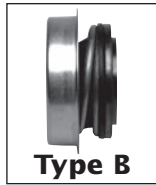
See Inside Cover for Head Types,  
Mating Ring Designs, and Material Code

## U.S. SEAL MFG. HEAD TYPES



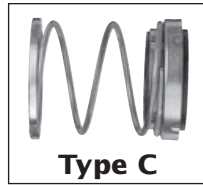
**Type A**

Equal to:  
John Crane  
Type 6



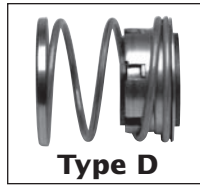
**Type B**

Equal to:  
John Crane  
Type 6A



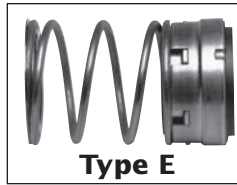
**Type C**

Equal to:  
John Crane  
Type 21



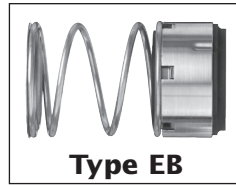
**Type D**

Equal to:  
John Crane  
Type 2



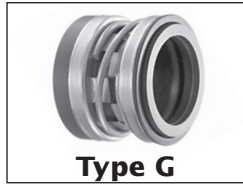
**Type E**

Equal to:  
John Crane  
Type 1



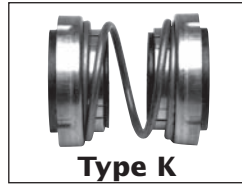
**Type EB**

Equal to:  
John Crane Type 1  
Balanced



**Type G**

Equal to:  
John Crane Types  
2100 & 2106



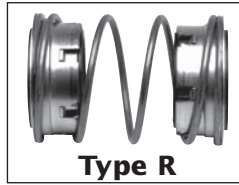
**Type K**

Equal to:  
John Crane  
Type 21 Double



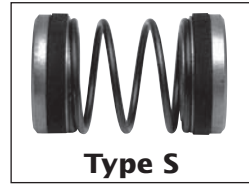
**Type Q**

Equal to:  
John Crane  
Type 11A



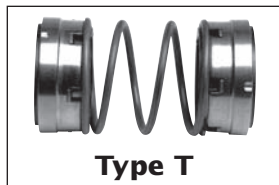
**Type R**

Equal to:  
John Crane  
Type 2 Double



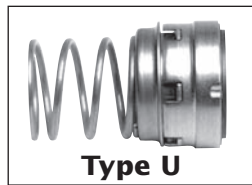
**Type S**

Equal to:  
John Crane  
Type 8 Special



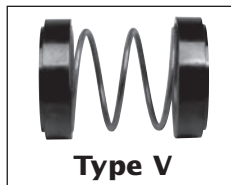
**Type T**

Equal to:  
John Crane  
Type 1 Double



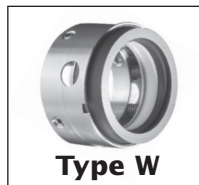
**Type U**

Equal to:  
John Crane  
Type 1 w/ Spring Adapter



**Type V**

Equal to:  
John Crane  
Type 8D



**Type W**

Equal to:  
John Crane  
Types 9 & 9T

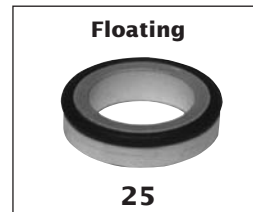
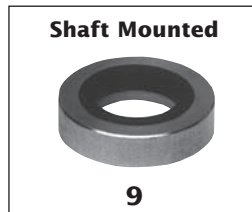
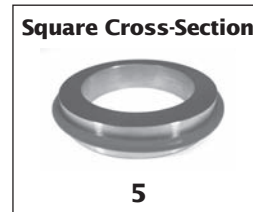


**Type X**

Equal to:  
John Crane  
Types 8-1 & 8-1T

## U.S. SEAL MFG. MATING RING DESIGNS

(Available in a wide variety of materials)



# U.S. SEAL MFG. MATERIAL CODE

SECONDARY SEALS	PRIMARY RINGS	METAL PARTS	MATING RINGS	SPRINGS
B. Buna	A. Bronze	D. Brass	A. Bronze	E. Monel®
N. Neoprene	C. Carbon	E. Monel®	G. Cast Iron	F. Stainless Steel
Q. EPR	H. Glass Filled PTFE	F. Stainless Steel	J. Ceramic	P. Plated Steel
T. PTFE	L. Silicon Carbide	P. Plated Steel	K. Ni-Resist	
V. Viton®	M. Molded Plastic		L. Silicon Carbide	
X. AFLAS®	R. Silicon Carbide (CVR)		O. Stellite	
Y. Kalrez®	S. Toolled Steel		S. Toolled Steel	
	Z. Tungsten Carbide		Z. Tungsten Carbide	

**B C F Z F**

Secondary Seal (Buna)    Primary Ring (Carbon)    Metal Parts (Stainless Steel)    Mating Ring (Tungsten Carbide)    Spring (Stainless Steel)

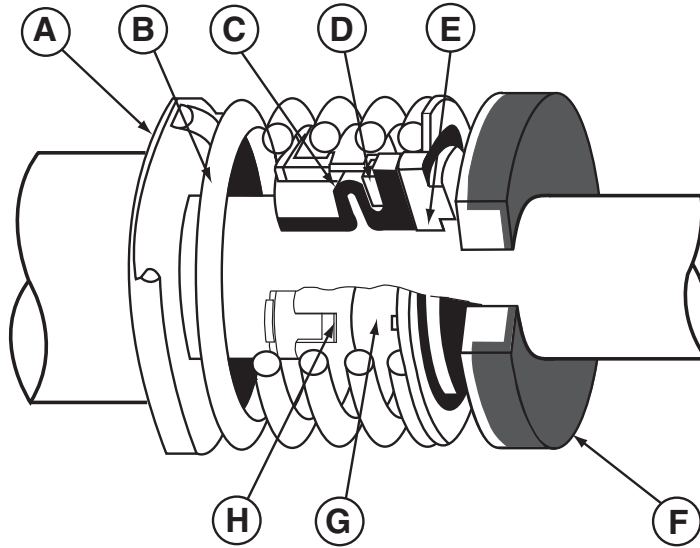
AFLAS® is a registered trademark of Asahi Glass Co., Ltd.  
 Kalrez® is a registered trademark of DuPont Performance Elastomers, LLC

Monel® is a registered trademark of Special Metals Corporation  
 Viton® is a registered trademark of DuPont Performance Elastomers, LLC

## SECONDARY SEAL TEMPERATURE LIMITS

**AFLAS® +450°F    Buna +225°F    EPR +300°F    Neoprene +175°F    Viton® +400°F**

### TYPICAL TYPE D



### SEAL PARTS

- |                        |                               |
|------------------------|-------------------------------|
| <b>A</b> Spring Holder | <b>E</b> Primary Ring         |
| <b>B</b> Spring        | <b>F</b> Mating Ring Assembly |
| <b>C</b> Bellows       | <b>G</b> Retainer             |
| <b>D</b> Disc          | <b>H</b> Drive Band           |

# HOW TO USE THIS CATALOG

Using the **Pump Manufacturers' Cross-Reference** (Pages 6-101), identify the correct replacement seal for the pump manufacturers' part number. If part number is not found, refer to the **Seal Sizing Guide** on Page 4. With this information, turn to the **Dimensional Cross-Reference** section (Pages 112-161). Locate the needed seal size, then the head and mating ring type. Cross-reference with the material code to obtain the correct U.S. Seal Mfg. part number.

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***Supplying a Complete Line of Quality Seals  
For More Than 50 Years***

# U.S. SEAL MFG. QUALITY MECHANICAL SEALS

Our seals are designed to give long life, provide automatic self-adjustment and reduce maintenance costs. Additionally, mechanical seals offer these important advantages.



## **ABSOLUTE SEALING**

Proper selection and installation of our seals results in less pumpage loss, cleaner facilities, less fire hazard, no danger from fumes and no contamination of the fluid being pumped.



## **NO RUBBING FRICTION BETWEEN SHAFT AND SEAL PARTS**

Replace packing with a mechanical seal and avoid expensive shaft or sleeve replacements.



## **FLEXIBLE SEALS MEANS LONGER SERVICE LIFE**

Compared to packing, mechanical seals are more flexible, and are able to compensate for shaft deflection, axial and radial end play, vibration and seal face wear.



## **LESS FRICTION MEANS VALUABLE POWER SAVINGS**

Mechanical seals use less friction than packing. Therefore, they require less horsepower consumption.



## **PRECISION LAPPED SEALING SURFACES**

Positively control leakage and eliminate "break in" runs.



## **HIGHER SPEEDS AND PRESSURES**

Our seals are designed for higher speeds and pressures.

## **FLAT SURFACES OF MATING FACES**

Sealing surfaces are precision lapped to a flatness of one to three light bands, which maintains the necessary face film lubrication, resulting in positive leakage control.

## **BROAD SELECTION OF MATERIALS OF CONSTRUCTION**

Our seals come in a wide variety of materials. Choose the correct combination of elastomer, metallurgy and sealing faces for your application. See pages 106-110 for the Material Recommendation Chart.

## **MECHANICAL SEALS CAN BE FOUND IN ...**

- Centrifugal Pumps
- Compressors
- Gear Boxes
- Gear Pumps
- Jet Pumps
- Petrochemical Pumps
- Pool and Spa Pumps
- Progressive Cavity Pumps
- Rotary Lobe Pumps
- Slurry Pumps
- Submersible Pumps
- Turbine Pumps

# FEATURES OF SEAL TYPES A, B, C, D, E, G, Q, W, X

## TYPE A (Seal Sizes .312-1.000)

**FEATURES:** Compact, unitized, single spring, elastomer bellows seal. The factory-assembled, one piece design permits fast, easy installation and the full-convolution elastomer bellows provides maximum flexibility in compensating for shaft movement and wear.

**SERVICES:** Centrifugal water pumps, deep and shallow well jet pumps, swimming pool and wastewater pumps. Pressures to 75 PSI. Temperature: -40°F to +400°F.



## TYPE B (Seal Sizes .375-1.000)

**FEATURES:** A full-convolution elastomer bellows provide maximum flexibility in compensating for shaft movement while torsional stress on the bellows is controlled by a dent and groove positive drive arrangement.

**SERVICES:** Centrifugal water pumps, sump pumps, submersible and swimming pool pumps. Pressures to 75 PSI. Temperature: -40°F to +400°F.



## TYPE C (Seal Sizes .312-5.500)

**FEATURES:** Elastomer bellows seal, non-clogging, single coil spring, The drive band's notch design eliminates overstressing of the bellows.

**SERVICES:** Rotary and turbine pumps, compressors, mixers, blenders and chillers. Pressures to 150 PSI. Temperature: -40°F to +400°F.



## TYPE D, E (Seal Sizes .500-5.625)

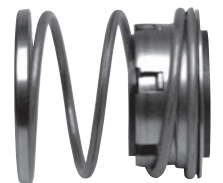
**FEATURES:** Self adjusting elastomer bellows compensate for abnormal shaft end play and primary face sealing wear. Effects of radial and axial shaft end play are minimized by uniform spring pressure.

Positive drive is transmitted through the drive band and drive notches, which absorb breakout and running torque. Damaging stresses on the elastomer bellows are prevented. Slippage is eliminated, thus protecting shaft and sleeve against wear and scoring. The result is long seal life.

The seal's large single-coil spring is much sturdier than a multiple spring construction design. The spring is non-clogging, self-cleaning and will not foul up due to fluid contact. Corrosion and clogging problems are eliminated.

**SERVICES:** All types of rotary shaft equipment such as pumps, mixers, blenders, and compressors. Wide range of services from water and steam to chemicals and corrosives. Pressures to 350 PSI. Temperature: -40°F to +425°F

Balanced Seals - Pressures to 1200 PSI. Temperature: -40°F to +450°F



TYPE D

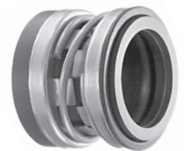


TYPE E

## TYPE G (Seal Sizes .437-3.500)

**FEATURES:** A compact unitized single spring elastomeric bellows shaft seal. Innovative full convolution bellows and interlocking drive band design allows for positive drive and greater tolerance to misalignment. Interference fit of primary ring insures positive drive while avoiding high face distortions associated with crimped designs.

**SERVICES:** Small centrifugal pumps used in Pool & Spa, Well Water, & HVAC applications. Pressures to 150 PSI. Temperature -30°F to +300°F.



## TYPE Q (Seal Sizes .500-2.250)

**FEATURES:** Press fitted, rubber diaphragm protects metal components, spring loaded

**SERVICES:** Icemaker and appliance applications, general purpose food service. Pressures to 30 PSI. Temperature -40°F to +400°F.



## TYPE W (Seal Sizes .500-6.000)

**FEATURES:** Multi Spring, PTFE wedge design for use in extreme temperatures / chemical applications. Unitized construction. Also available in a balanced design

**SERVICES:** Corrosive fluid applications, extreme temperatures. Pressures to 350 PSI. Temperature -75°F to +500°F.



## TYPE X (Seal Sizes .250-6.000)

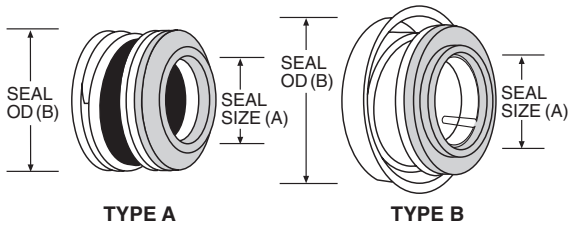
**FEATURES:** Multi Spring, O-ring design, unitized construction, flexible design compensates for shaft misalignment for high performance and longer seal life. Also available in a balanced design.

**SERVICES:** Wide usage in chemicals and corrosives. Pressures to 350 PSI. Temperature -20°F to +400°F.



# SEAL SIZING GUIDE

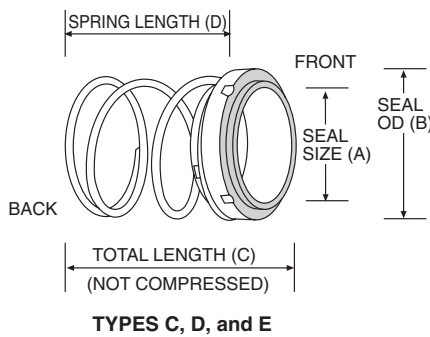
1. Remove seal to be replaced from shaft and/or sleeve.
2. Make note of materials used for the old seal parts using U.S. Seal Mfg. Material Code found in the front of this catalog.
3. Identify Head type (see front cover fold-out.) Use caliper to measure inside diameter (ID) and outside diameter (OD).



## SEAL HEADS – TYPES A and B

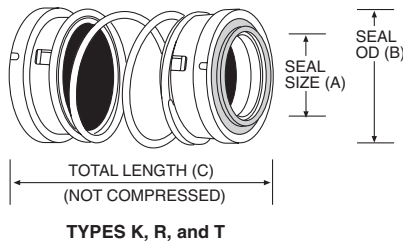
- Identify seal head type - Determine Seal Size:
- Measure the inside diameter (ID) (dimension A)
- Measure the outside diameter (OD) (dimension B)

The operating height is generally the same for all A and B seals of the same shaft size. More positive identification will result from calculating the mating ring dimensions below. If unable to positively identify the seal, consult U.S. Seal Mfg.



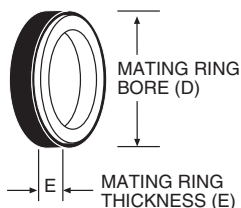
## SEAL HEADS – TYPES C, D and E

- Identify seal head type - Determine Seal Size:
- Measure ID of the bellows (dimension A) as installed in the seal head. Add approximately .016" additional for rubber squeeze.
- Measure the head OD (dimension B)
  - Step 1. Measure the total free length (dimension C) of the rotating portion of the assembled seal. (Do not include the mating ring).
  - Step 2. Disassemble seal and measure the free length of the spring (dimension D).
  - Step 3. Take half of the measurement obtained in step 2.
  - Step 4. Subtract the figure obtained in step 3 from the measurement (dimension C) in step 1. The result is the approximate operating height of the seal.



## SEAL HEADS – TYPES K, R and T

- Identify seal head type - Determine Seal Size:
- Measure the inside diameter of the bellows (dimension A).
- Add approximately .016" additional for rubber squeeze.
- Measure the head OD (dimension B)
- Calculate the operating height of the seal as follows:
  - Step 1. Measure the total length of the rotating seal (dimension C). (Not compressed).
  - Step 2. Multiply the total length (dimension C) by .73. The result is the approximate operating height of the seal.



## MATING RING and GASKET

- Identify the mating ring design from those shown on inside of front cover.
- Measure OD of the gasket while assembled on mating ring and subtract approximately .016" additional for rubber squeeze to obtain bore dimension (dimension D).
- Measure the combined insert and gasket width (dimension E).
- Use the Dimensional Cross Reference guide (pages 112-161) to find the part number of the seal you need. Start with Seal Size and find the line in the tables that matches the dimensions and material code.



# INCH AND METRIC CONVERSION CHART

Fraction	Decimal	MM
1/64	.0156	0.397
1/32	.0312	0.794
3/64	.0468	1.191
1/16	.0625	1.588
5/64	.0781	1.984
3/32	.0937	2.381
7/64	.1099	2.778
<b>1/8</b>	<b>.1250</b>	<b>3.175</b>
9/64	.1406	3.572
5/32	.1562	3.969
11/64	.1718	4.366
3/16	.1875	4.763
13/64	.2031	5.159
7/32	.2187	5.556
15/64	.2343	5.953
<b>1/4</b>	<b>.2500</b>	<b>6.350</b>
17/64	.2656	6.747
9/32	.2812	7.144
19/64	.2968	7.541
5/16	.3125	7.938
21/64	.3281	8.334
11/32	.3437	8.731
23/64	.3593	9.128
<b>3/8</b>	<b>.3750</b>	<b>9.525</b>
25/64	.3906	9.922
13/32	.4062	10.319
27/64	.4218	10.716
7/16	.4375	11.113
29/64	.4531	11.509
15/32	.4687	11.906
31/64	.4843	12.303
<b>1/2</b>	<b>.5000</b>	<b>12.700</b>

Fraction	Decimal	MM
33/64	.5156	13.097
17/32	.5312	13.494
35/64	.5468	13.891
9/16	.5625	14.288
37/64	.5781	14.684
19/32	.5937	15.081
39/64	.6093	15.478
<b>5/8</b>	<b>.6250</b>	<b>15.875</b>
41/64	.6406	16.272
21/32	.6562	16.669
43/64	.6718	17.066
11/16	.6875	17.463
45/64	.7031	17.859
23/32	.7187	18.256
47/64	.7343	18.653
<b>3/4</b>	<b>.7500</b>	<b>19.050</b>
49/64	.7656	19.447
25/32	.7812	19.844
51/64	.7968	20.241
13/16	.8125	20.638
53/64	.8281	21.034
27/32	.8437	21.431
55/64	.8593	21.828
<b>7/8</b>	<b>.8750</b>	<b>22.225</b>
57/64	.8906	22.622
29/32	.9062	23.019
59/64	.9218	23.416
15/16	.9375	23.813
61/64	.9531	24.209
31/32	.9687	24.606
63/64	.9843	25.003
<b>1</b>	<b>1.0000</b>	<b>25.400</b>

MM	Inches	MM	Inches
.1	.0039	46	1.811
.2	.0079	47	1.850
.3	.0118	48	1.889
.4	.0157	49	1.929
.5	.0197	50	1.968
.6	.0236	51	2.007
.7	.0276	52	2.047
.8	.0315	53	2.086
.9	.0354	54	2.126
1	.0394	55	2.165
2	.0787	56	2.204
3	.1181	57	2.244
4	.1575	58	2.283
5	.1969	59	2.322
6	.2362	60	2.362
7	.2752	61	2.401
8	.3150	62	2.440
9	.3543	63	2.480
10	.3937	64	2.519
11	.4331	65	2.559
12	.4724	66	2.598
13	.5118	67	2.637
14	.5512	68	2.677
15	.5906	69	2.716
16	.6299	70	2.755
17	.6693	71	2.795
18	.7087	72	2.834
19	.7480	73	2.874
20	.7874	74	2.913
21	.8268	75	2.952
22	.8661	76	2.992
23	.9055	77	3.031
24	.9449	78	3.070
25	.9843	79	3.110
26	1.023	80	3.149
27	1.063	81	3.189
28	1.102	82	3.228
29	1.141	83	3.267
30	1.181	84	3.307
31	1.221	85	3.346
32	1.259	86	3.385
33	1.299	87	3.425
34	1.338	88	3.464
35	1.378	89	3.503
36	1.417	90	3.543
37	1.456	91	3.582
38	1.496	92	3.622
39	1.535	93	3.661
40	1.574	94	3.700
41	1.614	95	3.740
42	1.653	96	3.779
43	1.692	97	3.818
44	1.732	98	3.858
45	1.771	99	3.897
		100	3.937



See Pages 168-177 for Metric Seal Selection

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ABS USA</b>								
PS-851	3/4	A	1	1.375	BCFJF			11107939
PS-446	1-3/4	C	1	2.500	BCFJF			11116013
PS-267	2	C	1	2.750	BCFJF			11116014
PS-1679	2-1/4	C	1	3.125	BCFJF			11116015
PS-2116	3	C	3	3.875	BCFJF	S		11116016
<b>A-C COMPRESSOR CORPORATION</b>								
PS-9708	3-3/4	WB	1	4.375	T/VCFKF	316SS		16-630-048-09-1
<b>A-C PUMP (Div. of XYLEM INC.)</b>								
FA-10	1/2	B	—	—	BMF-F			
PS-200	5/8	A	1	1.250	BMFJF		C1, CR, DDH, DG, DGH, HH HHS, R, RH, RHS, RS, WH	52-104-969-803 52-104-969-813 52-104-969-823
FA-642	5/8	B	—	—	BMF-F			52-105-071-801
PS-447V-P66	5/8	B	8	—	VCFJF	A/I		52-114-660-803
PS-118	5/8	C	1	1.187	BCFJF			
PS-359	5/8	C	1	1.250	BCFJF			
PS-7689	5/8	C	1	1.250	QCFKF	I		52-126-378-801
PS-735	5/8	D	3	1.250	BCDJF			52-104-945-805
FA-647	3/4	B	—	—	BMF-F			
PS-358	3/4	C	1	1.375	BCFJF			
PS-750	3/4	D	1	1.375	BCDJF			
PS-703	7/8	D	1	1.500	BCDJF			
PS-360	1	A	1	1.625	BCFJF			52-104-969-806 52-104-969-816
PS-357	1	C	1	1.625	BCFKF			52-113-094-802
PS-460	1	D	1	1.625	BCFKF			
FA-912	1	E	—	—	BCF-F			52-110-870-809
PS-754	1	E	1	1.625	BCFJF			
PS-557	1	E	3	1.625	B/VCFJF	S		52-104-870-809
PS-754V	1	E	3	1.625	VCFJF	S		52-116-831-801 52-116-831-804
PS-276	1	T	1	1.625	BCFJF			52-105-275-808
PS-277	1	T	1	1.625	BCFKF			52-105-275-858
FA-9349	1	WT	—	—	TCF-F	316SS		52-108-896-803
FA-1800	1-1/8	C	—	—	BCF-F			
PS-355	1-1/8	C	1	1.750	BCFKF			52-104-946-803
PS-605	1-1/8	D	1	1.750	BCFKF			52-104-945-803
PS-204	1-1/8	E	1	1.750	BCFJF		3X2-1/2, 2-1/2X2 SJH	08-216-526-001
PS-867	1-1/8	E	3	1.750	BCFKF	S		52-104-870-806
PS-185	1-1/4	C	1	1.875	BCFJF			52-113-592-801
PS-2122	1-1/4	C	1	1.875	BCFJF			52-114-901-807
PS-756	1-1/4	C	1	1.875	BCFKF			
PS-598	1-1/4	C	3	1.875	BCFKF			
PS-466	1-1/4	C	1	2.000	BCFJF			
PS-2230	1-1/4	C	3	2.000	BCFJF		Series 2000	52-119-056-801
PS-1018	1-1/4	C	3	2.000	BCFKF		Series 2000	52-118-510-801
PS-3045	1-1/4	C	3	2.000	BCFZF	I	Series 2000	
PS-1018-EPR-P66	1-1/4	C	3	2.000	QCFKF	I		52-126-211-801
PS-2200	1-1/4	C	3	2.000	VCFKF	I		52-114-659-808
FA-189	1-1/4	E	—	—	BCF-F			52-110-870-807
PS-361	1-1/4	E	1	1.875	BCFJF		C16 with 215T & smaller Frame Motors F2L-1, F2L-3 F2L-5 and F2L-6	52-104-609-813 52-105-609-816 52-114-605-805
PS-137	1-1/4	E	1	1.875	BCFKF			52-106-609-813 52-106-609-817
PS-108	1-1/4	E	1	1.875	NCPKP	S		52-105-383-807
PS-546	1-1/4	E	3	1.875	BCFV/JF			52-104-870-807 52-114-890-807
PS-2211	1-1/4	T	3	1.875	BCFJF	S		52-105-275-801
FA-177	1-3/8	C	—	—	BCF-F			52-111-322-801
PS-177	1-3/8	C	1	2.000	BCFJF		6X4X12, 8X5X12, 8X6X12 MAXEAL® V	52-115-605-801 52-122-693-801A
PS-2134	1-3/8	C	1	2.000	BCFJF			52-121-998-801
PS-210	1-3/8	C	1	2.000	BCFKF		Custom V	52-114-713-801
PS-1667	1-3/8	C	1	2.000	BCFKF		Series 8000	52-117-036-801

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>A-C PUMP (Div. of XYLEM INC.) (continued)</b>								
PS-3689	1-3/8	C	1	2.000	QCFZF			52-126-872-801
PS-3213	1-3/8	C	3	2.000	VCFKF	I		52-114-659-801
FA-4087	1-3/8	E	—	—	VCF-F	316SS/C		52-118-671-802 52-118-671-803
PS-354	1-3/8	E	1	2.000	BCFJF		SS-CH, SS-DH, SS-HH, SS-L	
PS-677	1-3/8	E	1	2.000	BCFKF			52-105-382-801
PS-677V	1-3/8	E	3	2.000	VCFKF	S		52-118-679-801
FA-9328	1-3/8	WT	—	—	TCF-F	316SS		52-118-672-802
PS-758	1-1/2	C	1	2.125	BCFJF			52-112-870-801
PS-553	1-1/2	C	3	2.125	BCFKF			52-118-591-001
PS-382	1-1/2	D	1	2.125	BCFJF			52-104-945-801 52-104-945-806
PS-371	1-1/2	D	1	2.125	BCFKF			52-101-848-082 52-104-946-801
PS-314	1-1/2	E	3	2.000	BCFJF		4X3 SH	08-301-766-066-04
PS-316	1-1/2	E	3	2.000	BCFKF		4X2-1/2 SKH	08-301-766-020-36
PS-4473	1-1/2	EB	3	2.000	BCFJF			52-161-211-801
PS-4088	1-1/2	EB	3	2.000	QCFJF	I		52-161-209-801
PS-238	1-5/8	C	1	2.375	BCFJF			52-110-870-811 52-114-043-805
PS-239	1-5/8	C	1	2.375	BCFKF			52-118-511-002 52-118-512-002
PS-2202	1-5/8	C	3	2.625	BCFJF		Series 2000	52-119-056-802
PS-1019	1-5/8	C	3	2.625	BCFKF		Series 2000	52-118-510-802
PS-3078	1-5/8	C	3	2.625	BCFKF	316SS		
PS-2201	1-5/8	C	3	2.625	QCFKF	I		52-126-211-802
PS-4288	1-5/8	C	3	2.625	QCFZF			52-126-874-802
PS-609	1-5/8	E	1	2.312	BCDJF		KSH	08-303-611-07-001 08-306-539-015-03 52-115-315-801
PS-281	1-5/8	R	3	2.375	BCDKF	S		
PS-446	1-3/4	C	1	2.500	BCFJF		MAXEAL® V Series 5000	52-115-605-802
PS-2135	1-3/4	C	1	2.500	BCFJF			52-121-998-802
PS-1674	1-3/4	C	1	2.500	BCFKF		Series 8000	52-117-036-802
PS-1674-EPR-P66	1-3/4	C	1	2.500	QCFKF	I		52-126-489-802
PS-448V-TC-P66	1-3/4	C	1	2.500	VCFZF	I		52-122-513-802
PS-550	1-3/4	C	3	2.500	BCFJF	S		52-112-693-802
PS-436V-P66	1-3/4	C	3	2.500	VCFKF	I/S		52-114-659-802
FA-366	1-3/4	E	—	—	BCF-F			52-110-870-802
PS-317	1-3/4	E	1	2.487	BCFJF		5X5 KSG	08-303-611-07-004
PS-205	1-3/4	E	1	2.500	BCFJF		C16, C17S, F2-2, F2-5, F2-8 F2L-2, F2L-4 MAXEAL® VII	08-212-616-001
PS-366	1-3/4	E	1	2.500	BCFKF			52-110-871-802
PS-535	1-3/4	E	3	2.500	BCFJF	S		52-114-901-802 52-122-588-806 52-104-870-802
PS-262	1-3/4	E	3	2.500	BCFKF	S		52-114-890-802
PS-1197	1-3/4	K	1	2.500	BCFKF			
PS-1608	1-7/8	C	1	2.625	BCFKF			52-114-713-805
PS-2114	1-7/8	C	3	2.625	BCFJF	S		52-122-693-805 52-127-471-805
PS-2069	1-7/8	E	1	2.625	BCFJF		3X2 MM-2	
PS-2070	1-7/8	E	1	2.625	BCFKF		3X2 MM-2	08-301-766-02-065
PS-2071	1-7/8	E	3	2.625	BCFJF	S		52-122-588-814
PS-7884	1-7/8	EB	3	2.500	BCFKF	S		52-121-754-802
PS-318	1-7/8	K	1	2.625	BCFJF		NSW, NSWV	52-110-280-03-801
PS-1693	1-7/8	K	1	2.625	BCFKF			52-110-280-801
PS-7352	1-7/8	K	1	2.625	BCFKF			52-110-280-807
PS-1105	1-7/8	V	25	2.640	BMFJF		4X4X11 F7N-2	
PS-2133	2	C	1	2.750	BCFJF			52-119-056-803 52-121-998-803
PS-267	2	C	1	2.750	BCFJF			52-122-693-807A
PS-1017	2	C	1	2.750	BCFKF		Series 8000	52-117-036-803
PS-267-EPR	2	C	1	2.750	QCFJF			52-161-212-806A
PS-3674	2	C	1	2.750	QCFKF	I		52-126-489-803

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING


# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>A-C PUMP (Div. of XYLEM INC.) (continued)</b>								
PS-3580	2	C	1	2.750	QCFZF	I		52-126-872-803
PS-1017-TC-SEAT	2	C	3	2.750	BCFZF	S		52-161-177-803
PS-7309	2	C	3	2.750	QCFZF	I/S		52-126-870-806A
PS-1020	2	C	3	3.000	BCFKF		Series 2000	52-118-510-803
PS-1020-EPR-P66	2	C	3	3.000	QCFKF	I	Series 2000	52-126-211-803
PS-319	2	E	1	2.687	BCFJF		MAXEAL® VII Series 2000	52-115-315-803 08-212-617-001
PS-478	2	E	1	2.687	BCFKF		MAXEAL® VII and KS	
PS-530	2	E	3	2.750	BCFJF	S		52-104-870-803 52-116-823-810
PS-477	2	E	3	2.750	BCFKF	S		52-123-692-801
PS-477V	2	E	3	2.750	VCFKF	S		52-115-946-803
PS-477V-TC-SEAT	2	E	3	2.750	VCFZF	S		52-115-720-807
PS-1040	2	K	3	2.750	BCFKF	S		52-237-862-801
PS-7196V	2	K	3	2.750	VCFJF	S		52-237-862-802
PS-1687	2-1/8	D	1	3.000	BCFKF			52-104-945-802
FA-3502	2-1/8	E	—	—	BCF-F	316SS		52-129-173-802
PS-327	2-1/8	E	3	3.000	BCFJF	S		52-129-172-801
PS-1678	2-1/4	C	3	3.125	BCFJF	S		52-122-693-804
PS-1676	2-1/4	C	3	3.125	BCFKF	S		52-118-949-802
PS-323	2-1/4	E	1	3.125	BCDJF			08-216-036-001
PS-351	2-1/4	E	1	3.125	BCDKF			08-630-132-009
PS-849	2-1/4	E	3	3.125	BCDKF	S		52-104-870-804
PS-1688	2-1/4	E	3	3.125	BCFJF	S		52-121-998-808 52-122-588-808
PS-351V	2-1/4	E	3	3.125	VCDKF	S		52-114-660-804
PS-279	2-1/2	E	3	3.375	BCFJF	S	F2-6	
PS-349	2-1/2	E	3	3.375	BCFKF			52-104-870-805
PS-349V	2-1/2	E	3	3.375	VCFKF	S		52-115-946-804
PS-836	2-3/4	C	3	3.500	BCFJF	S		52-122-693-806
PS-483	2-3/4	C	3	3.500	BCFKF	S		52-114-713-804
PS-838	2-3/4	E	3	3.500	V/BCFJF	S		08-210-902-045 52-114-890-810 52-115-315-805 52-122-588-813
PS-321	2-3/4	E	3	3.500	V/BCFKF	S	CUSTOM VII	08-216-035-001 52-104-870-808
PS-321V	2-3/4	E	3	3.500	VCFKF	S		52-114-660-805
PS-7936	2-3/4	E	3	3.500	VCFZF	316SS		62-121-756-805
PS-4504	2-3/4	K	3	3.500	BCFJF	S	NSWG, NSWV, 8X8X14 Model 250	52-109-719-805
PS-322	2-3/4	K	3	3.500	BCFKF	S	NSWG, NSWV, Series 300	52-109-719-802
PS-324	3	E	3	3.875	BCDJF	S	12X12 SD	08-210-902-04-037
PS-2141	3	K	3	3.875	BCFKF	S		52-237-805-801
PS-6228	3	K	3	3.875	VCFJF			52-237-805-803
PS-7244	3-1/4	K	3	4.125	BCFKF	S		52-237-806-801
PS-4113	3-1/2	T	3	4.375	BCFKF	S		52-115-082-801
PS-8028	3-7/8	X	3	4.750	VCFKF	316SS I/S		08-217-897-801
PS-2741	5	K	3	6.000	BCFJF			52-238-383-804
PS-2140	5	K	3	6.000	BCFKF			52-115-055-801 52-238-383-801

Value Guard Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Mfg. Part No.
<b>A-C PUMP (Div. of XYLEM INC.) - Replacement Seal Kits for Series AC 2000</b>						
VGK-2000	1-1/4	C	3	2.000	BCFKF	52-051-447
VGK-2001	1-1/4	C	3	2.000	BCFKF	52-051-404
VGK-2002	1-1/4	C	3	2.000	BCFKF	52-051-406
VGK-2003	1-5/8	C	3	2.625	BCFKF	52-051-405
VGK-2004	1-5/8	C	3	2.625	BCFKF	52-051-448
VGK-2005	1-5/8	C	3	2.625	BCFKF	52-051-453

Kits include mechanical seal, bronze shaft sleeve, spacer, gland, key, washer, impeller nut and stud, sleeve and case o-rings.

A-C Pump is not affiliated with U.S. Seal Mfg. Products supplied are manufactured or purchased by U.S. Seal Mfg. from sources other than the company listed.



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ACE ENGINEERING</b>								
PS-633	5/8	C	1	1.250	BCFKF			1743-2CS
PS-112	3/4	C	1	1.375	BCFKF			2043-3CS
<b>ACE PUMP CORPORATION</b>								
PS-953	5/8	A	1	1.187	BCFJF			30210F
PS-100	5/8	A	1	1.187	BMFJF		ACH-25, 33, 50, 75, 100, ACL-75 ACO & BCH-25, 33, 50, 75	
PS-4114	5/8	B	8	—	VCFJF			ECL-7V
PS-447V	5/8	B	8	—	VCFJF	A		ECL-7SG, 80040F
PS-2734	5/8	B	8	1.109	BCFJF	316SS		ECL-7SG
PS-3102	5/8	B	11	—	BCFJF	A		BAC-7B
PS-3103	5/8	B	11	—	VCFJF	A	Has Seat Adaptor	BAC-7VZ
PS-202V	5/8	B	11	—	VCFJF	A	C600-10QC, 1000-21SP	BAC-7V, BAC-7VZ
PS-2819	5/8	B	11	—	QLFLF	A	Has Seat Adaptor	BAC-7SCE
PS-3106	5/8	B	11	—	VLFLF	A	Has Seat Adaptor	BAC-7SC
PS-800	5/8	C	1	1.156	BMFJF	H		
PS-1016	5/8	C	1	1.187	N/BCFJF	B		
PS-1091	5/8	C	1	1.187	VCFJF			30240F
PS-102	5/8	D	1	1.250	BCDKF			
PS-3005	5/8	G	25	1.250	VLFLF	316SS		BAC-7SC-205V
PS-851	3/4	A	1	1.375	BCFJF		ACH-150, 200, 300, 500 ACXH-150, BCH-100, 200, 300	30220F
PS-2735	3/4	B	3	1.375	VCFJF	316SS		BAC-7-660V
PS-3104	3/4	B	3	1.375	VLFLF	316SS		BAC-7SC-660V
PS-752	3/4	D	1	1.375	BCDKF			
PS-2820	3/4	G	3	1.375	BCFJF			BAC-7-650B
PS-3107	3/4	G	3	1.375	VCFJF			BAC-7-650
PS-3105	3/4	G	25	1.375	VLFLF		Light Spring Load	BAC-7SC-650
PS-3214	3/4	K	3	1.375	VCFJF			BAC-7-650-WS
PS-892V	7/8	K	3	1.500	VCFJF			BAC-7-750V
PS-3112	25MM	C	1	1.625	VCFJF			TYPE21-984
PS-360	1	A	1	1.625	BCFJF		BCH-300, 500, 750, 1000 100S, 133S, 150S, 175S	
PS-360V-CMS	1	A	1	1.625	VCFJF			42120F, GE-7V
PS-235V-CMS	1	C	1	1.625	VCFJF			21-098-16
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			TYPE21-1.250
PS-185V-SC-SC	1-1/4	C	1	1.875	VLFLF			30266F
PS-2810	1-1/4	K	3	1.875	VCFLF	S		BAC-7-850V
<b>ACURA SPA SYSTEMS, INC.</b>								
PS-1000	5/8	B	1	1.250	BMFJF		Aquaheat, Aquaheat Plus Magnaflow, Magnaflow 56 Maverick, Supercharger Supercharger II	1090-A
<b>ADAMATION™, INC.</b>								
PS-3159	5/8	B	8	—	BCFJF	A		55-6301, 305-6154
PS-3100	1	Q	—	—	NMDKF	Unitized		75-7050-020
PS-758	1-1/2	C	1	2.125	BCFJF			55-6301, 364-6193
<b>ADVANCED PROCESS TECHNOLOGY</b>								
PS-3226	1/2	C	3	1.000	VCFKF			95603
PS-112V	3/4	C	3	1.375	VCFKF			90551
PS-756V	1-1/4	C	3	1.875	VCFKF			90119
<b>ADVANTAGE ENGINEERING, INC.</b>								
PS-552	5/8	C	3	1.250	B/VCFJF			
PS-552-EPR-P66	5/8	C	3	1.250	QCFJF	I		6491000
PS-633V-P66	5/8	C	3	1.250	VCFKF	I		6490000, 6495301
PS-598-EPR	1-1/4	C	3	1.875	QCFKF			6495612
PS-553	1-1/2	C	3	2.125	BCFKF			6480000
PS-4361	1-5/8	D	1	2.375	BLFZF	316SS		6480005
<b>AERMOTOR PUMPS</b>								
PS-100	5/8	A	1	1.187	BMFJF			
PS-200	5/8	A	1	1.250	BMFJF			SJ-45
PS-2016	5/8	E	1	1.250	BCFJF			
PS-201	3/4	A	1	1.375	BMFJF			SJ-47
PS-275	3/4	C	1	1.375	BCFJF			
PS-2122	1-1/4	C	1	1.875	BCFJF			34510, 34511, 33545
<b>AFTON PUMPS, INC.</b>								
PS-8712	2-1/4	XB1	3	2.750	VCFZF	316SS/S	MPV-HPV-GSV	

**NOTE:** A. MOUNTS ON SHAFT I. ABRASION RESISTANT CARBON (P66)  
 B. TAPERED SPRING S. SLOTTED MATING RING  
 H. SPRING HOLDER NOT INCLUDED

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AIR-O-LATOR CORP.</b>								
PS-618	1-1/4	C	3	1.875	BCFJF	S		37SM-125CC
PS-598-SC-SC	1-1/4	C	3	1.875	BLFLF	S		37SM-125SC
PS-816	1-1/2	C	3	2.125	BCFJF	S		37SM-150CC
PS-3101	1-1/2	C	3	2.125	BLFLF	S		37SM-150SC
PS-2217	1-1/2	C	3	2.125	BZFZF	S		37SM-150TC
PS-550	1-3/4	C	3	2.500	BCFJF	S		37SM-175CC
PS-436-SC-SC	1-3/4	C	3	2.500	BLFLF	S		37SM-175SC
PS-436-TC-TC	1-3/4	C	3	2.500	BZFZF	S		37SM-175TC
PS-532	2	C	3	2.750	BCFJF	S		37SM-200CC

<b>ALCO</b>								
PS-832	2	D	3	2.750	BCDKF	S	244D and 539	2250033-2, 5250013-3

<b>ALFA LAVAL</b>								
FA-9327	1-1/8	W	—	—	TCF-F	316SS		480079

**ALLIS CHALMERS (See A-C PUMP)**

Value Guard Part No.	Shaft Size	Head	Mating Ring	Mating Ring OD	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ALL PRIME PUMPS</b>								
VG-7080	1-1/4	VGD	Special	Special	VLZFZ		S3, S4, S6	
VG-7079	1-1/4	VGD	Special	Special	VZFZF		S3, S4, S6	
VG-7094	1-1/4	VGDU	Special	Special	VLFLF		S3, S4, S6	
VG-7095	1-1/4	VGDU	Special	Special	VZFZF		S3, S4, S6	
VG-7082	1-1/2	VGD	Special	Special	VLFLF		S8	
VG-7081	1-1/2	VGD	Special	Special	VZFZF		S8	

**Features:**

- Tungsten Carbide and Silicon Carbide faces for severe abrasive service.
- Solid drive band extends seal life during periods of vibration and cavitation.
- Full convolution elastomer bellows for maximum self aligning capabilities.
- Pump sleeve, o-ring and impeller shim kit supplied for ease of installation.



Type VGD

Type VGDU


U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AMERICAN DISH SERVICE</b>								
PS-162	1/2	A	1	1.000	BMFJF			
<b>AMERICAN MACHINE AND TOOL CO. (AMT) (SUBSIDIARY OF GORMAN-RUPP)</b>								
PS-200	5/8	A	1	1.250	BMFJF			MS-626V
PS-200V-CMS	5/8	A	1	1.250	VCFJF			1640-161-91
FA-3300	5/8	B	—	—	BCF-F			1646-001-00
FA-642	5/8	B	—	—	BMF-F			
PS-3124	5/8	B	1	1.087	BCFJF			1642-250-00 1642-251-00
FA-10034	5/8	C	—	—	VCF-F			1646-005-00
PS-201	3/4	A	1	1.375	BMFJF			MS-756B
PS-9711	3/4	W Special	2	1.375	TCFJF	316SS		1643-541-00
FA-10038	1-1/8	C	—	—	VCF-F			1645-000-00
PS-356	1-1/8	C	1	1.750	BCFJF			287-15A/B
PS-356V	1-1/8	C	3	1.750	VCFJF	S		1640-163-91

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AMERICAN-MARSH PUMPS</b>								
PS-633V	5/8	C	3	1.250	VCFKF			890031
PS-112V	3/4	C	3	1.375	VCFKF			890004
PS-687V	7/8	C	3	1.500	VCFKF			890036
PS-185	1-1/4	C	1	1.875	BCFJF			10-1400-02
PS-756	1-1/4	C	1	1.875	BCFKF			890003
PS-2208	1-1/4	C	1	1.875	BZFZF			10-1400-02S4
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			800-011-869
PS-756V	1-1/4	C	3	1.875	VCFKF			890044
PS-3724	1-1/4	E	3	1.875	QCFKF	S		
PS-210V	1-3/8	C	3	2.000	VCFKF	S		890037
PS-7702	1-3/8	EB	3	1.875	BCFJF	S		10-0516-05 800-0047-851
PS-758	1-1/2	C	1	2.125	BCFJF			10-1401-01
PS-4374	1-5/8	EB	3	2.125	BCFJF	S		800-0048-851 999-0007-331
PS-446	1-3/4	C	1	2.500	BCFJF			10-1402-00
PS-7884V	1-7/8	EB	3	2.500	VCFKF	S		10-0518-034 800-0049-853, FJ2002FS
PS-267	2	C	1	2.750	BCFJF			10-1403-09
PS-267V	2	C	3	2.750	VCFJF	S		890023
PS-1696-CMS	3	C	1	3.875	BCFJF			800-0025-869
<b>AMERICAN PRODUCTS</b>								
FA-10	1/2	B	—	—	BMF-F			
PS-1000	5/8	B	1	1.250	BMFJF		Americana II®, Bronze-Bronze Eagle® Maxim™, Power-Glass® Ultra-Flo®	397012 397020
PS-201	3/4	A	1	1.375	BMFJF		Americana®, Bronze-Noryl®	395005
<b>AMPCO PUMPS CO.</b>								
PS-359V-CMS	5/8	C	1	1.250	VCFJF			GS625002
PS-633V-CMS	5/8	C	1	1.250	VCFKF			GS625003
PS-357	1	C	1	1.625	BCFKF			GS5009976
PS-356V-CMS	1-1/8	C	1	1.750	VCFJF			GS1125008
PS-2122	1-1/4	C	1	1.875	BCFJF			GS8106850
PS-7908	1-1/4	C	1	1.875	BCFJF	316SS/I		GS5097400, GS8103410
PS-756	1-1/4	C	1	1.875	BCFKF			GS5009974
PS-2122V-CMS	1-1/4	C	1	1.875	VCFJF			GS8105960
PS-3543	1-5/8	C	1	2.375	VCFZF	316SS/I		GS5098409
<b>AMPRO-DIACLEAR</b>								
PS-163	1/2	B	1	1.000	BMFJF		Dia Cast, Lexan®-200 Series	AP-504D
PS-1000	5/8	B	1	1.250	BMFJF		Dura-Flo®, Noryl® Turbo, XL 600	AP-304D
<b>ANTHONY &amp; SYLVAN</b>								
PS-100	5/8	A	1	1.187	BMFJF			04547
PS-1000	5/8	B	1	1.250	BMFJF			04380
<b>A.O. SMITH CORP.</b>								
PS-162	1/2	A	1	1.000	BMFJF			55831, 64135
PS-506	1/2	A	1	1.000	BMFKF			9708-1, 9708-4
PS-752	3/4	D	1	1.375	BCDKF			
<b>APOLLO DENTAL PRODUCTS, INC.</b>								
FA-62	5/8	A	—	—	BCF-F			MMS71110
PS-4323	3/4	C	3	1.187	BCFJF	H		MMS71102, MMS71107
<b>AQUA-CHEM</b>								
PS-358	3/4	C	1	1.375	BCFJF			925-7520
PS-235	1	C	1	1.625	BCFJF			925-7526
PS-251	1	E	3	1.625	BCFKF	S		925-7509
PS-618	1-1/4	C	3	1.875	BCFJF	S		925-7563
PS-177	1-3/8	C	1	2.000	BCFJF			925-7523
PS-2114	1-7/8	C	3	2.625	BCFJF	S		925-7562

**NOTE:** H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Size	Head	Mating Ring Thick	Mating Ring Bore	Material Code	Oper. Hgt.	
<b>AQUASCAPE PUMP</b>							
VGM-2966	12MM	VGMH	5MM	25MM	VC/LFLF	30.3MM	 <p style="text-align: center;">Type VGMH</p>
VGM-2967	12MM	VGMH	5MM	26MM	VC/LFLF	30.3MM	
VGM-2968	12MM	VGMH	5MM	28MM	VC/LFLF	30.3MM	
VGM-2969	14MM	VGMH	5MM	26MM	VC/LFLF	38.3MM	
VGM-2970	14MM	VGMH	5MM	28MM	VC/LFLF	38.3MM	
VGM-2971	14MM	VGMH	5MM	30MM	VC/LFLF	38.3MM	

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ARBEE CORP.</b>								
PS-235	1	C	1	1.625	BCFJF			
PS-351	2-1/4	E	1	3.125	BCDKF			
<b>ARDE BARINCO, INC.</b>								
PS-3065	1	K	1	1.625	VCFRF			A315-18V
PS-3765	2-1/8	K	1	3.000	VCFRF			A63-18V
<b>ARMSTRONG PUMPS, INC.</b>								
PS-8066	1/4	X Special	1	.864	QCFLF		Gemini / 10	180200-277, 880200-277
PS-2727	7/16	G	1	1.181	VCFLF			180202-677
PS-3844	1/2	C	1	.938	BCFJF			816706-001, 816706-002 816706-021, 916706-021
PS-401A	1/2	C	1	.938	BCFJF	N		816549-091
PS-392	1/2	C	1	.938	B/QMFJF			816032-000
PS-3843	1/2	C	1	.938	VCFJF			116706-021, 116706-023 816706-003, 816706-004 816706-023, 916706-023
PS-359V-CMS	5/8	C	1	1.250	VCFJF			810134-000, 910134-000
PS-358V	3/4	C	3	1.375	VCFJF			816707-001, 816707-002
PS-3559	3/4	C	5	1.275	Special			110120-009
PS-752	3/4	D	1	1.375	BCDKF			
PS-750V-CMS-P66	3/4	D	1	1.375	VCDJF	I		116707-003, 116707-004
PS-750V	3/4	D	3	1.375	VCDJF			816707-003
PS-204-EPR	1-1/8	E	1	1.750	QCFJF			810150-143
PS-8006	1-1/8	XB2	27	2.375	VCFJF	316SS		975002-003
PS-978-P66	1-1/4	C	1	1.765	BCFJF	B/I		975000-958
PS-979	1-1/4	C	1	1.765	BCFKF	B		
PS-185-EPR-P66	1-1/4	C	1	1.875	QCFJF	I		975000-991
PS-618-EPR-P66	1-1/4	C	3	1.875	QCFJF	I/S		810150-125
PS-2203	1-1/4	C	3	1.875	QCFKF	I		
PS-976	1-1/4	D	1	1.765	BCFJF			825458-001
PS-977	1-1/4	D	1	1.765	BCFKF			
PS-3023	1-1/4	D	1	1.875	QCFLF	I		975000-981, 975000-982 9975000-981
PS-517	1-1/4	D	3	1.875	BCFKF			810150-137
PS-517-TC-SEAT	1-1/4	D	3	1.875	BCFZF	S		810150-133
PS-383V	1-1/4	D	3	1.875	VCFKF			810150-127
PS-3030	1-5/8	C	1	2.375	QCFJF	I		975000-993
PS-7017	1-5/8	C	3	2.375	QCFKF	I/S		975000-961
PS-514	1-5/8	D	1	2.375	BCDJF			811339-000
PS-461	1-5/8	D	1	2.375	BCDKF			
PS-3025	1-5/8	D	1	2.375	QCFLF	I		975000-983, 975000-984 9975000-983
PS-8040	1-5/8	XB2	27	2.843	VCFJF	316SS		975000-956, 975002-033
PS-205	1-3/4	E	1	2.500	BCFJF			425920-001
PS-338-EPR	2-1/8	C	3	3.000	QCFJF	S		975000-997 9975000-997
PS-543V	2-1/8	C	3	3.000	VCFKF	S		D101166-108
PS-3035	2-1/8	D	1	3.000	QCFLF	I		975000-985, 975000-987 9975000-987
PS-8035	2-1/8	XB2	27	3.375	VCFJF	316SS		975000-957, 975002-073
PS-853	2-1/2	C	3	3.375	BCFKF	S	4600 12X10X12.5	D101166-010



# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Mfg. Part No.
<b>ARMSTRONG PUMPS, INC. - SERIES 4300</b>							
VG-975002304	1-1/8	VGXB2	Special	2.343	XCFLF	316SS	975002-304
VG-975002334	1-5/8	VGXB2	Special	2.843	XCFLF	316SS	975002-334
VG-975002374	2-1/8	VGXB2	Special	3.343	XCFLF	316SS	975002-374
VG-975002394	2-5/8	VGXB2	Special	4.375	XCFLF	316SS	975002-394

**Features**

- External Seal Design
- Pressure Balanced
- Handles Temperatures to +450°F
- Set Screw Driven for Positive Drive



**Type VGXB2**

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ARNESON PRODUCTS, INC.</b>								
PS-200	5/8	A	1	1.250	BMFJF		Pool Sweep	A-8

<b>ASTRAL POOL</b>								
PS-200	5/8	A	1	1.250	BMFJF		Sena	Series 1800
PS-1000	5/8	B	1	1.250	BMFJF		Astramax	Series 1600

<b>ATLANTIC FLUIDICS (Div. of TUTHILL CORP.)</b>								
PS-1000	5/8	B	1	1.250	BMFJF			
PS-601	3/4	B	1	1.375	BMFJF			
PS-356	1-1/8	C	1	1.750	BCFJF			
PS-185	1-1/4	C	1	1.875	BCFJF			
PS-177	1-3/8	C	1	2.000	BCFJF			

<b>ATLAS COPCO</b>								
PS-6090	1-3/4	E	3	2.500	B/VCFKF	S		1627413064

<b>AURORA®</b>								
PS-7553	15MM	C	1	1.250	BCFJF			
PS-7520	15MM	C	1	1.250	BCFKF	I		712-6444-749
PS-3140	15MM	C	1	1.250	VCFJF			712-6444-764
PS-7520V	15MM	C	1	1.250	VCFKF	I		712-6444-745
PS-129	15MM	D	1	1.250	BCFJF		#4 Series Pump	712-0703-754
PS-1675	15MM	D	1	1.250	BCFKF		14AS114ABF	712-0703-752
PS-3192	15MM	D	1	1.250	VCFKF	I		712-0753-745
PS-100	5/8	A	1	1.187	BMFJF			712-7042-750
PS-2204	5/8	A	1	1.250	VCFZF			712-2042-767
PS-359-P66	5/8	C	1	1.250	BCFJF	I		712-6444-753
PS-290	5/8	C	1	1.250	BCFJF	N	BJ, BJH, BJV, BJF w/ Motors thru 3/4 HP 1750 RPM, thru 1-1/2 HP 3500 RPM	712-1003-753
PS-633	5/8	C	1	1.250	BCFKF			712-1003-749
PS-358	3/4	C	1	1.375	BCFJF		BJ, BJH, BJV, BJF w/ Motors 1HP 1750 RPM Up, 2 HP 3500 RPM Up GAFA, GAHA, GAPB, GAVA GA-4, 5, 6, 7 and 9	
PS-2800	3/4	C	1	1.375	BCFJF	H,I		712-1004-753
PS-4330	3/4	C	1	1.375	BCFKF	I		712-1004-749
PS-4531	3/4	C	1	1.375	QCFZF	H/I		712-1004-769
PS-3162	3/4	C	1	1.375	QZFLF			712-1004-497
PS-7843	3/4	C	1	1.375	VCFJF	I		712-1004-764
PS-2229V-P66	3/4	C	1	1.375	VCFKF	I		712-1004-745
PS-3156	3/4	C	1	1.375	VLFLF	H		712-1004-576
PS-752	3/4	D	1	1.375	BCDKF			712-0705-755
PS-8714	3/4	XB2	3	1.375	VCFJF		Verti Line	
PS-135	20MM	D	1	1.500	BCDJF		#5 Series Turbine Pump	712-0707-752 712-0707-754
PS-614	20MM	D	1	1.500	BCDKF	H/I		712-0707-755
PS-3135	20MM	D	1	1.500	BCFKF	I		712-0707-749
PS-4517	25MM	D	1	1.625	BCFJF			712-6452-753
PS-3900	25MM	D	1	1.625	BCFKF	H/I		712-6452-755
PS-3728	25MM	D	1	1.625	VCFJF			712-6452-764
PS-3167	25MM	D	1	1.625	VCFZF	I		712-6452-727

**NOTE:** H. SPRING HOLDER NOT INCLUDED  
 I. ABRASION RESISTANT CARBON (P66)  
 N. NON-STANDARD SPRING HOLDER  
 S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AURORA® (continued)</b>								
PS-380	1	D	1	1.625	BCFJF			712-0709-754
PS-460-P66	1	D	1	1.625	BCFKF	I		712-0709-755
PS-356	1-1/8	C	1	1.750	BCFJF			
PS-356-P66	1-1/8	C	1	1.750	BCFJF	I		712-0907-753
PS-355	1-1/8	C	1	1.750	BCFKF			712-0907-756
PS-355-P66	1-1/8	C	1	1.750	BCFKF	I		712-0907-749
PS-7325	1-1/8	C	1	1.750	QCFZF	I		712-0907-769
PS-356V-CMS	1-1/8	C	1	1.750	VCFJF			712-0907-764
PS-355V-CMS	1-1/8	C	1	1.750	VCFKF			712-0907-745
PS-3239	1-1/8	C	1	1.750	VCFZF	I		712-0907-767
PS-801	1-1/8	C	3	1.750	B/VCFJF	S		712-2732-753
PS-2226	1-1/8	C	3	1.750	QCFZF	I/S		712-0937-769
PS-384	1-1/8	E	1	1.750	BCFKF			712-0454-749
PS-867	1-1/8	E	3	1.750	BCFKF	S		712-0354-756
PS-3163	1-1/8	E	5	1.750	BCFZF	316SS/I		712-1431-747
PS-3109	1-1/8	E	5	1.750	QCDZF	I		712-1431-769
PS-136	30MM	D	1	1.875	BCDJF		#6 Series Turbine Pump	712-0713-754
PS-1179-P66	30MM	D	1	1.875	BCDKF	I		712-0713-755
PS-2737	30MM	D	1	1.875	BCFJF	I		712-0713-753
PS-1179V-P66	30MM	D	1	1.875	VCDKF	I		712-0713-774
PS-3938	30MM	D	1	1.875	VCFZF	I		712-0713-727
PS-306	1-3/16	E	1	1.875	BCDJF		GGU, KCM, KCMF, KGG, KU, KUF	712-0305-754
PS-185	1-1/4	C	1	1.875	BCFJF			712-0908-753
PS-137	1-1/4	E	1	1.875	BCFKF		GMC & GAC	712-0306-755
PS-758	1-1/2	C	1	2.125	BCFJF	S	GBHA & GBVA	712-1010-753
PS-2705	1-1/2	C	1	2.125	BCFJF			712-0910-753
PS-2232	1-1/2	C	1	2.125	BCFKF	I		712-0910-749
PS-3166	1-1/2	C	1	2.125	BZFLF	316SS		
PS-2209	1-1/2	C	1	2.125	BZFZF			712-0910-678
PS-4171	1-1/2	C	1	2.125	QCFJF	I		
PS-3224	1-1/2	C	1	2.125	QCFZF			712-0910-769
PS-3165	1-1/2	C	1	2.125	VCFJF	I		712-0910-764
PS-3141	1-1/2	C	1	2.125	VCFKF	I	Shorter Free Spring Length	712-0910-745
PS-7747	1-1/2	C	1	2.125	VCFZF	I		712-0910-767
PS-3174	1-1/2	C	3	2.125	BCFKF	S	Shorter Spring than PS-553	712-0940-749
PS-3160	1-1/2	C	3	2.125	QCFZF	I/S		712-0940-769
PS-758V	1-1/2	C	3	2.125	VCFJF	S		
PS-382	1-1/2	D	1	2.125	BCFJF			712-0718-754
PS-305	1-1/2	E	1	2.125	BCFJF			
PS-7933	1-1/2	E	1	2.125	QCFZF	I		712-0409-769
PS-395	1-1/2	E	3	2.125	BCFJF	S		712-0459-753
PS-258	1-1/2	E	3	2.125	BCFKF			712-0359-753
PS-7562	1-1/2	E	3	2.125	QCFZF	I/S		712-0359-769
PS-305V	1-1/2	E	3	2.125	VCFJF	S		712-0359-764
PS-4368	1-1/2	E	5	2.125	QCFZF	I		712-1432-769
PS-7609	1-1/2	E	5	2.125	QZFLF			712-1432-798
PS-664	1-9/16	E	3	2.375	BCFJF	S		712-0310-754
PS-238	1-5/8	C	1	2.375	BCFJF			712-0911-753
PS-6263	1-5/8	G	1	2.375	QCFZF	316SS/I		712-6492-730
PS-446	1-3/4	C	1	2.500	BCFJF		OJ Power Series #4	712-1012-753
PS-448-P66	1-3/4	C	1	2.500	BCFKF	I		712-1012-749
PS-446V-CMS	1-3/4	C	1	2.500	VCFJF			712-1012-764
PS-4153	1-3/4	C	1	2.500	VCFJF	316SS		2158210SC-01
PS-448V-TC-P66	1-3/4	C	1	2.500	VCFZF	I		712-0912-767
PS-7820	1-3/4	C	1	2.500	VLFLF			712-1012-576
PS-3125	1-3/4	C	3	2.500	BCFJF	I/S	Springholder not required	712-1042-753
PS-436-P66	1-3/4	C	3	2.500	BCFKF	I/S		712-1042-749
PS-7035	1-3/4	C	3	2.500	QCFZF	I/S		712-1042-769
PS-3177	1-3/4	E	1	2.500	BCFKF	I		712-0412-749
PS-7736	1-3/4	E	1	2.500	QCFZF	I		712-0412-769
								712-0462-769
PS-366V-CMS-P66	1-3/4	E	1	2.500	VCFKF	I		712-0412-745
PS-535	1-3/4	E	3	2.500	BCFJF	S		712-0462-753
PS-4429	1-3/4	E	5	2.500	BCFZF	I		712-1433-747
PS-4372	1-3/4	E	5	2.500	QCFZF	I		712-1433-769
PS-267-P66	2	C	1	2.750	BCFJF	I	OJ Power Series #4	712-1014-753
PS-842-P66	2	C	1	2.750	BCFKF	I		712-1014-749
PS-2219	2	C	1	2.750	BZFZF			712-1014-678
PS-3580	2	C	1	2.750	QCFZF	I		712-1014-769
PS-267V-CMS	2	C	1	2.750	VCFJF		Series #410	712-1014-764
PS-842V-P66-CMS	2	C	1	2.750	VCFKF	I		712-1014-745
PS-332	2	C	3	2.750	BCFKF	S		712-1044-749

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AURORA® (continued)</b>								
PS-479V	2	E	3	2.750	VCFJF			
PS-3708	2	E	5	2.750	BCFZF	I		712-1434-747
PS-3108	2	E	5	2.750	QCFZF	I		712-1434-769
PS-3708V	2	E	5	2.750	VCFZF	I		712-1434-767
PS-1678	2-1/4	C	3	3.125	BCFJF	S		
PS-3075	2-1/4	E	3	3.281	BZFZF			712-6409-678
PS-7766	2-1/4	K	3	3.125	BCFJF			712-6478-753
PS-7060	2-1/4	K	3	3.281	BCFKF	I		712-6410-749
PS-3210	2-1/4	V	3	3.281	BCFKF	I		712-6411-749
PS-268-CMS	2-3/8	C	1	3.250	BCFJF	S		712-1017-753
PS-492-CMS-P66	2-3/8	C	1	3.250	BCFKF	I		712-0917-749 712-1017-749 712-2717-749
PS-268	2-3/8	C	3	3.250	BCFJF	S	OJ Power Series #5	712-1047-753
PS-492	2-3/8	C	3	3.250	BCFKF	S		712-1047-749
PS-3127	2-3/8	C	3	3.250	VCFJF	I/S		712-1047-764
PS-278	2-3/8	E	3	3.250	BCFJF	S		712-0467-753
PS-350	2-3/8	E	3	3.250	BCFKF	S		712-0462-756 712-0467-756
PS-278V	2-3/8	E	3	3.250	VCFJF	S		712-0467-764
PS-4006	2-3/8	E	5	3.250	BCFZF	I		712-1435-747
PS-3187	2-3/8	E	5	3.250	QCFZF	I		712-1435-769
PS-269	2-1/2	C	3	3.375	BCFJF	S	SPHER-Flo Series 4A-4B	712-1012-739 712-1048-753
PS-3924	2-1/2	E	3	3.250	BCPKF			712-6390-756
PS-279	2-1/2	E	3	3.375	BCFJF	S		712-0468-753
PS-349	2-1/2	E	3	3.375	BCFKF			712-0468-756
PS-2205	2-1/2	E	3	3.375	BCFKF	I/S		712-0468-755
PS-2205-EPR	2-1/2	E	3	3.375	QCFKF	I/S		
PS-3164	2-1/2	E	5	3.375	BCFZF	I		712-1436-747
PS-1695	2-1/2	K	3	3.375	BCFKF	S		712-2743-749
PS-270	2-7/8	C	3	3.750	BCFJF	S	OJ Power Series #6	
PS-329-P66	2-7/8	E	3	3.750	BCFJF	I/S		712-0471-753
PS-841-P66	2-7/8	E	3	3.750	BCFKF	I/S		712-0471-755
PS-2116	3	C	3	3.875	BCFJF	S		712-7010-739
PS-3836	3	U	3	3.875	BCFJF	C/S		712-7038-753
PS-3262	3-5/8	E	3	4.781	BZFZF			712-6414-678
PS-3553	3-5/8	T	3	4.781	BCFKF	I		712-6415-749
PS-8127	3-5/8	V	3	4.781	BCFJF			712-6416-753
PS-8054	3-5/8	V	3	4.781	BCFKF	I		712-6416-749
PS-272	3-3/4	C	3	4.625	BCFJF	S	SPHER-Flo Series 5A, 5B, 5C, 5D	
PS-4414	5	V	3	6.781	BCFKF			712-6421-749

Value Guard Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AURORA® - REPLACEMENT SEAL KITS</b>								
VGK-1127	1-1/8	C	1	1.750	BCFJF			
VGK-1124	1-1/8	C	1	1.750	BCFKF			476-0250-644
VGK-1128	1-1/8	C	1	1.750	VCFJF			
VGK-1126	1-1/8	C	1	1.750	VCFKF			
VGK-1130	1-1/2	C	1	2.125	BCFJF			
VGK-1125	1-1/2	C	1	2.125	BCFKF			476-0253-644
VGK-1131	1-1/2	C	1	2.125	VCFJF			
VGK-1129	1-1/2	C	1	2.125	VCFKF			

- Kits include appropriate gaskets and o-rings, pins, sleeve, and mechanical seal.
- Aurora® is not affiliated with U.S.Seal Mfg.
- Products supplied are manufactured or purchased by U.S.Seal Mfg. from sources other than the company listed.



**VGK-1125**

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AUTOMATIC ICE &amp; BEVERAGE</b>								
PS-3120	1	Q	Special	1.625	Special			9121026-91
<b>BAKER-HYDRO (Div. of WATERCO)</b>								
PS-200	5/8	A	1	1.250	BMFJF			35B1178
PS-3985	3/4	B	1	1.375	BCFJF	316SS		634016
<b>BAKER MFG. CO.</b>								
FA-112	1/2	C	—	—	BCF-F			E93B
FA-10033	1/2	C	—	—	VCF-F			E93V
PS-1002V	1/2	C	1	1.000	VCFJF			E18FMW
PS-3172	1/2	C	3	1.000	BCFKF			E18AM
PS-2802	1/2	C	3	1.000	NCFKF	I		E18CMN
FA-10034	5/8	C	—	—	VCF-F			F93V
PS-732	5/8	C	3	1.250	BCFKF			F18AM, F18AMP
PS-3133	5/8	C	3	1.250	NCFKF			F18CMN
PS-359V	5/8	C	3	1.250	VCFJF			F18FMV
PS-633V	5/8	C	3	1.250	VCFKF			F18BMVP
PS-3132	5/8	D	3	1.250	NCFLF			F18MNN
FA-1600	7/8	C	—	—	BCF-F			H93B
PS-617	7/8	C	3	1.500	BCFKF			H18AM, H18AMP
PS-309V	7/8	C	3	1.500	VCFJF			H18FMV
PS-687V	7/8	C	3	1.500	VCFKF			H18BMV, H18BMVF H18BMVP
PS-4318	7/8	D	1	1.500	NCFLF			H18MNN
PS-3116	7/8	D	3	1.500	VCFLF	316SS		H18MNV
PS-2659	1-1/4	D	3	1.875	QCJFJ	I		E18CMN
<b>BALBOA® WATER GROUP</b>								
PS-3086	1-3/8	G	3	2.000	QCFLF	316SS/S		6001575
<b>BALDOR RELIANCE (Member of the ABB GROUP)</b>								
PS-356	1-1/8	C	1	1.750	BCFJF			64262-12L
PS-185	1-1/4	C	1	1.875	BCFJF		Motor Frame 140	64262-12A, 064262012A
PS-2208	1-1/4	C	1	1.875	BZFZF		Motor Frame 140	64262-20A
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF		Motor Frame 140	64262-13A
PS-185V-TC-TC	1-1/4	C	1	1.875	VZFZF		Motor Frame 140	64262-20AA
PS-618-TC-TC	1-1/4	C	3	1.875	BZFZF	S	Motor Frame 140	64262-15E
PS-618V-TC-SEAT	1-1/4	C	3	1.875	VCFZF	S		64262-23A
PS-381	1-1/4	D	1	1.875	BCFJF		Motor Frame 140	64262-8A
PS-381-SC-SC	1-1/4	D	1	1.875	BLFLF			64262-39A
PS-6229	1-1/4	K	3	1.875	BCFJF	316SS		64262-41D
PS-4134	1-3/8	X Special	Special	1.875	B/NCJPGF			64147-24R
PS-758	1-1/2	C	1	2.125	BCFJF		Motor Frame 140 or 180	64262-12B
PS-758-SC-SC	1-1/2	C	1	2.125	BLFLF		Motor Frame 140 or 180	64262-39B
PS-2209	1-1/2	C	1	2.125	BZFZF		Motor Frame 140 or 180	64262-20B
PS-7409	1-1/2	C	1	2.125	VCFJF	316SS	Motor Frame 140 or 180	64262-13B
PS-758V-SC-SC	1-1/2	C	1	2.125	VLFLF		Motor Frame 140 or 180	64262-39BB
PS-758V-TC-SC-CMS	1-1/2	C	1	2.125	VZFLF			64262-25BB
PS-659V-TC-VS-TC	1-1/2	C	1	2.125	VZFZF		Motor Frame 140 or 180	64262-20BB
PS-553	1-1/2	C	3	2.125	BCFKF			611725-005D
PS-2223	1-1/2	C	3	2.125	VCFZF	S		64262-23B
PS-382	1-1/2	D	1	2.125	BCFJF		Motor Frame 140 or 180	64262-8B
PS-446	1-3/4	C	1	2.500	BCFJF		Motor Frame 180 or 210	64262-12C
PS-446-TC-TC	1-3/4	C	1	2.500	BZFZF		Motor Frame 180 or 210	64262-20C
PS-446V-CMS	1-3/4	C	1	2.500	VCFJF		Motor Frame 180 or 210	64262-13C
PS-7820	1-3/4	C	1	2.500	VLFLF		Motor Frame 180 or 210	64262-39CC
PS-446V-TC-TC	1-3/4	C	1	2.500	VZFZF		Motor Frame 180 or 210	64262-20CC
PS-436-SC-SC	1-3/4	C	3	2.500	BLFLF	S	Motor Frame 180 or 210	64262-39C
PS-436-TC-TC	1-3/4	C	3	2.500	BZFZF	S	Motor Frame 140 or 180	64262-15C
PS-2207	1-3/4	C	3	2.500	VCFZF	S	Motor Frame 180 or 210	64262-23C
PS-237	1-3/4	D	1	2.500	BCDJF		Motor Frame 180 or 210	64262-8C
PS-6217	1-3/4	D	1	2.500	VZFLF	316SS	Motor Frame 180 or 210	64262-25CC
PS-267	2	C	1	2.750	BCFJF		Motor Frame 210 or 250	64262-12D
PS-267-SC-SC-CMS	2	C	1	2.750	BLFLF		Motor Frame 210 or 250	64262-39D
PS-2219	2	C	1	2.750	BZFZF		Motor Frame 210 or 250	64262-20D
PS-267V-CMS	2	C	1	2.750	VCFJF		Motor Frame 210 or 250	64262-13D
PS-6224	2	C	1	2.750	VLFLF		Motor Frame 210 or 250	64262-39DD
PS-6218	2	C	1	2.750	VZFZF		Motor Frame 210 or 250	64262-25DD
PS-6213	2	C	1	2.750	VZFZF	316SS	Motor Frame 210 or 250	64262-20DD
PS-267V-TC-SEAT	2	C	3	2.750	VCFZF	S	Motor Frame 210 or 250	64262-23D
PS-2143	2	K	1	2.750	BCFJF			

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BALDOR RELIANCE (Member of the ABB GROUP) (continued)</b>								
PS-7196	2	K	3	2.750	BCFJF	S		64262-41E
PS-1057	2-1/8	C	3	3.000	B/VCFKF	S		
PS-1679	2-1/4	C	1	3.125	BCFJF		Motor Frame 250	64262-12E
PS-3182	2-1/4	C	1	3.125	BLFLF		Motor Frame 250	64262-39E
PS-7064	2-1/4	C	1	3.125	BZFFZ		Motor Frame 250	64262-20E
PS-1678V	2-1/4	C	3	3.125	VCFJF		Motor Frame 250	64262-13E
PS-6233	2-1/4	C	3	3.125	VCFLF			64262-67A
PS-7766	2-1/4	K	3	3.125	BCFJF			64262-41C
PS-6205	2-3/4	C	1	3.500	BCFJF		Motor Frame 320	64262-18F
PS-2154-SC-TC-CMS	2-3/4	C	1	3.500	BLFZF		Motor Frame 320	64262-25N
PS-4308	2-3/4	C	1	3.500	BZFFZ			64262-20G
PS-6908	2-3/4	C	1	3.500	BZFFZ		Motor Frame 320	64262-20N
PS-6207	2-3/4	C	3	3.500	VCFJF		Motor Frame 320	64262-18N
PS-483V-TC-SEAT	2-3/4	C	3	3.500	VCFZF	S		64262-23G
PS-2154V-TC-TC	2-3/4	C	3	3.500	VZFZF	S	Motor Frame 320	64262-20NN
PS-2153-SC-SC-CMS	3	C	1	3.875	BLFLF		Motor Frame 320	64262-39M
PS-7875	3	C	1	3.875	BZFFZ		Motor Frame 360	64262-20H
PS-7998	3	C	1	3.875	BZFFZ		Motor Frame 360	64262-20M
PS-3539	3	C	1	3.875	VZFZF		Motor Frame 360	64262-20MM
PS-6214	3	C	1	3.875	VZFZF		Motor Frame 320	64262-20HH
PS-2116	3	C	3	3.875	BCFJF	S	Motor Frame 360	64262-12G
PS-2153	3	C	3	3.875	BCFJF	S	Motor Frame 320	64262-18G
PS-6206V	3	C	3	3.875	VCFJF	S	Motor Frame 320	64262-18L
PS-3232	3	C	3	3.875	VCFZF			64262-23H
PS-6225	3	C	3	3.875	VLFLF		Motor Frame 360	64262-39HH
PS-2709	3	D	1	3.875	BLFLF			64262-39H
PS-6202	3	D	1	3.875	BZFFZ		Motor Frame 360	64262-8H, 64262-62HH
PS-6219	3	D	3	3.875	BZFLF			64262-25H
PS-6232	3	D	3	3.875	VZFLF		Motor Frame 360	64262-62AA
PS-6228	3	K	3	3.875	VCFJF			64262-41B
PS-6226	3-1/4	C	3	4.125	VLFLF		Motor Frame 360	64262-39KK
PS-7172	3-1/4	D	3	4.125	BCFJF		Motor Frame 360	64262-8J, 64262-63C
PS-3827	3-1/4	D	3	4.125	BZFFZ		Motor Frame 360	64262-8K, 64262-20K
PS-6201	3-1/4	D	3	4.125	VCFJF		Motor Frame 360	64262-8F, 64262-36KK
PS-6227	3-1/4	K	3	4.125	VCFJF			64262-41A
PS-6204	3-1/2	C	3	4.375	BCFJF	S		64262-12K
PS-6221	3-1/2	D	3	4.375	V/BZFFZ			64262-33A
PS-3745	3-1/2	D	3	4.375	VZFZF			64262-37PP
PS-6203	3-3/4	D	3	4.625	VCFJF			64262-8M
PS-6230	5-5/8	D	3	6.625	VCFJF	S		64262-42D
<b>BALDWIN-LIMA-HAMILTON (PATTERSON PUMP CO.)</b>								
PS-371	1-1/2	D	1	2.125	BCFKF			600-28-267
PS-288	1-3/4	D	1	2.500	BCDKF			600-28-284
<b>BALTIMORE AIRCOIL CO.</b>								
FA-26	5/8	A	—	—	BMF-F			300329
FA-64	3/4	A	—	—	BCF-F			300331
<b>BALZER, INC.</b>								
PS-618	1-1/4	C	3	1.875	BCFJF	S		33013
PS-598-SC-SC	1-1/4	C	3	1.875	BLFLF	S		36755
<b>BANJO CORP.</b>								
PS-3985	3/4	B	1	1.375	BCFJF	316SS		12713BN, 12733BN
PS-4056	3/4	B	1	1.375	QCFJF		150-P3, 200-P3 & 5	12713, 12733
PS-3986	3/4	B	1	1.375	VCFJF			12713V, 12733V
PS-601V	3/4	B	3	1.375	VCFJF			127135
PS-3785	1	C	1	1.625	VCFJF		150/200-P1-3, 200-P1-5	17035, 17135
PS-3959	1	K	1	1.625	VCFJF			17235
PS-3813	1-1/2	C	1	2.125	VCFJF	B/H	300-P1-8, 300-PB/PO1	18025, 18125
<b>BARNARD-LEAS MFG.</b>								
PS-200V	5/8	A	3	1.250	VCFJF			5-0-17
<b>BARNES, JOHN S.</b>								
FA-400	1/2	C	—	—	BMF-F			PA-4947

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BARNES, JOHN S. (continued)</b>								
FA-1350	5/8	C	—	—	BCF-F			PA-2408
PS-508	5/8	D	1	1.250	BCDJF			5080
PS-358	3/4	C	1	1.375	BCFJF		3SE2042L	67562
FA-160	7/8	D	—	—	BCD-F			PA-2421
FA-1700	1	C	—	—	BCF-F			PA-1525
FA-1800	1-1/8	C	—	—	BCF-F			PA-4386
PS-383	1-1/4	D	1	1.875	BCFKF			Y-42
PS-461	1-5/8	D	1	2.375	BCDKF			Y-45
FA-593	1-7/8	D	—	—	BCD-F			PA-3684
<b>BEACH RUSS</b>								
FA-400	1/2	C	—	—	BMF-F			
FA-564	3/4	C	—	—	BCF-F			
PS-185	1-1/4	C	1	1.875	BCFJF			
<b>BELL &amp; GOSSETT</b>								
PS-8066	1/4	X Special	1	.864	QCFLF			189144
FA-401	1/2	C	—	—	BCF-F	N		118614
FA-400	1/2	C	—	—	BMF-F			PZ-3118-118680, PZ-4118
PS-401A	1/2	C	1	.938	BCFJF	N	PD 35, PD 37 Series 1522	Kit #3, 186681
PS-393	1/2	C	1	.938	BMFKF			
PS-392	1/2	C	1	.938	B/QMFJF		Bronze 3/4 thru 3 Boosters BPD 35 BPD 37-Series 1522- PD 35 & PD 37- Series 60AA 1522 Cast Iron	Kit #7, 189102, 189182 Kit 118681 3TC29200AB-F58
PS-7712	1/2	C	1	1.125	BMFJF			Kit #20
PS-4349	1/2	G	1	.938	QLFLF			P86261
PS-516	5/8	A	1	1.250	BCFJF			DP0304
PS-200	5/8	A	1	1.250	BMFJF			180013
PS-118	5/8	C	1	1.187	BCFJF			186879
PS-359	5/8	C	1	1.250	BCFJF			
PS-2160	5/8	C	1	1.250	BCFJF			DP0302, 180014
PS-2747	3/4	C	1	1.375	BCFJF	H		DP0478
FA-152	3/4	D	—	—	BCD-F			PW2Z-3188, P-18008-0601
PS-437	3/4	D	1	1.275	BCDJF		1512-PD 39, BPD 39 and 60A	Kit #2, 172553, 185260 186433, 186499
PS-4098	3/4	D	1	1.275	QCDJF			
PS-4024	3/4	G	1	1.275	QLFLF			P86262
PS-309	7/8	C	1	1.500	BCFJF			DP0294
FA-1700	1	C	—	—	BCF-F			
PS-235	1	C	1	1.625	BCFJF			180011, 650PF
PS-2748	1	C	1	1.625	BCFJF			DP0296
FA-1800	1-1/8	C	—	—	BCF-F			PHD-118A
PS-356	1-1/8	C	1	1.750	BCFJF			
PS-3712	1-1/8	D	3	1.750	VCFZF	I		DP0476, 180017
PS-384	1-1/8	E	1	1.750	BCFKF			
PS-978	1-1/4	C	1	1.765	BCFJF	B	All Iron-Series 1510, 1515, 1531 (Small Frame) M1 and M2	186860, 186862
PS-979	1-1/4	C	1	1.765	BCFKF	B		
PS-978-EPR-TC	1-1/4	C	1	1.765	QCFZF	B		186861
PS-978-EPR-SC-SC	1-1/4	C	1	1.765	QLFLF	B		P75423
PS-4204	1-1/4	C	1	1.765	QRFLF	B		
PS-978V	1-1/4	C	1	1.765	VCFJF	B		185060
PS-185-P66	1-1/4	C	1	1.875	BCFJF	I		P70511
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			P70513, 186877
PS-4559	1-1/4	C	3	2.000	QCFZF	I		AC3047
FA-190	1-1/4	D	—	—	BCF-F			
PS-976	1-1/4	D	1	1.765	BCFJF	H	Series 1510, 1515, 1531 Universal (Small Frame) M1 and M2	Kit #1, 185011, 186680
PS-977	1-1/4	D	1	1.765	BCFKF			
PS-6261	1-1/4	G	1	1.875	QCFJF	316SS/I		P75221
PS-6260	1-1/4	G	1	1.875	QCFZF	316SS/I		P75223
PS-6264	1-1/4	G	1	1.875	VCFJF	316SS/I		P75225
FA-177	1-3/8	C	—	—	BCF-F			AC5228

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BELL &amp; GOSSETT (continued)</b>								
FA-10166	1-3/8	C	—	—	BCF-F	I		P63336
PS-177	1-3/8	C	1	2.000	BCFJF			DP0298
PS-3689	1-3/8	C	1	2.000	QCFZF			FD632A
FA-376E	1-3/8	D	—	—	QCD-F	I		P63316
PS-491	1-3/8	D	1	2.000	BCDJF			186827
PS-186	1-3/8	D	1	2.000	BCDKF		VSC 4X4X9-3/4, 5X5X9-3/4 5X5X12, 6X6X9-3/4	P77084
PS-7803	1-3/8	D	1	2.000	QCDZF	I		186834
PS-186V	1-3/8	D	3	2.000	VCDKF	S		
PS-224	1-1/2	E	3	2.125	NCFKF			
PS-238	1-5/8	C	1	2.375	BCFJF			186544
PS-3831	1-5/8	C	1	2.375	BCFJF	B		
PS-238-EPR	1-5/8	C	1	2.375	QCFJF			
PS-1019	1-5/8	C	3	2.625	BCFKF			185043
PS-2201	1-5/8	C	3	2.625	QCFKF	I		AC0634
PS-4288	1-5/8	C	3	2.625	QCFZF			AC3048
PS-514	1-5/8	D	1	2.375	BCDJF		Series 1531, 1510 Universal (Large Frame) M2 and C	Kit #8, 186543
PS-461	1-5/8	D	1	2.375	BCDKF			Kit #8
PS-514-EPR-TC	1-5/8	D	1	2.375	QCDZF			185225
PS-6262	1-5/8	G	1	2.375	QCFJF	316SS/I		P75222
PS-6263	1-5/8	G	1	2.375	QCFZF	316SS/I		P75224
FA-1660	1-3/4	C	—	—	BCF-F			AC5229
FA-10168	1-3/4	C	—	—	BCF-F	I		P63337
PS-446V	1-3/4	C	3	2.500	VCFJF	S		F4992S
PS-237	1-3/4	D	1	2.500	BCDJF			186826
PS-288	1-3/4	D	1	2.500	BCDKF		VSC 6X6X12, 8X8X10-1/2 & 13	P77033
PS-7652	1-3/4	D	1	2.500	QCDZF	I		186835
FA-2000	2	C	—	—	BCF-F			AC0642, AC5230
PS-4345	2	C	3	3.000	BCFJF	I		AC3046, P70517
PS-1020-EPR-P66	2	C	3	3.000	QCFKF	I		186574
PS-3027	2	C	3	3.000	QCFZF			AC3049
PS-4357	2	G	25	2.750	QCFLF	316SS	VSX	P5001889
PS-3019	2	G	25	2.750	QLFLF	316SS		P5001028
PS-3170	2	G	25	2.750	VCFLF	316SS		P5001890
PS-3020	2-1/8	G	3	3.000	QCFJF	316SS/S		P75396
PS-834	2-3/8	D	3	3.250	BCFJF	S	VSC 10X10X13, 12X12X13	186828
PS-594	2-3/8	D	3	3.250	BCFKF	S	VSC 10X10X13, 12X12X13	
PS-3804	2-1/2	G	25	3.375	QCFLF		VSX	P5001891
PS-4490	2-1/2	G	25	3.375	QLFLF	316SS		P5001086
PS-7909	2-5/8	D	3	3.375	BCFJF	I/S		P75572, 185377
PS-3188	2-5/8	D	3	3.375	QCFZF			185378
PS-328-P66	2-5/8	E	3	3.375	BCFJF	I/S		
PS-3802	3	G	3	3.875	QCFLF		VSX-VSH 18X10X22A	P5001893
PS-3793	3-1/2	G	3	4.375	QCFLF		VSX-VSC 14X16X17	P5001895

Value Guard Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Mfg. Part No.
<b>BELL &amp; GOSSETT - Series 80-SC</b>							
VG-P75202	1-1/4	VGXB2	Special	2.000	XCFLF	316SS	P75202
VG-975002334	1-5/8	VGXB2	27	2.875	XCFLF	316SS	P75203

**Features**


- External Seal Design
- Pressure Balanced
- Handles Temperatures to 450°F
- Set Screw Driven for Positive Drive



**Type VGXB2**

**NOTE:** B. TAPERED SPRING  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code		Mfg. Part No.
<b>BELL &amp; GOSSETT - Models 80-S, 1510-S, 1531-S, VSC-S*, VSCS-S*</b>							
VG-P85070	1-1/4	VGRO	25	2.000	XZFCF	 <p><b>Type VGRO</b></p> <p>* Split Case Pumps - Require 2 Seals</p>	P87050
VG-185050	1-5/8	VGRO	25	2.375	XZFCF		185050
VG-185051	2	VGRO	25	3.000	XZFCF		185051
VG-185054	2-5/8	VGRO	25	3.625	XLFCF		185054
VG-185052	2-5/8	VGRO	25	3.625	XZFCF		185052
VG-185055	3-3/4	VGRO	25	5.000	XLFCF		185055
VG-185053	3-3/4	VGRO	25	5.000	XZFCF		185053
<b>Features</b> <ul style="list-style-type: none"> <li>▪ Handles temperatures to 450°F</li> <li>▪ Set screw driven for positive drive</li> <li>▪ Multiple springs create consistent face pressure</li> <li>▪ Unitized rotating assembly simplifies installation</li> </ul>							


U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BEMATEK SYSTEMS, INC.</b>								
FA-10047	2	C	—	—	VCF-F			20178-P2347
<b>BENNETT PUMP</b>								
FA-400	1/2	C	—	—	BMF-F			541-M-1003
FA-1520	3/4	C	—	—	BCF-F			541-M-1001
<b>BERGSTROM MFG.</b>								
PS-3225	1/2	A	1	1.000	BCFJF			573630
<b>BERKELEY (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-516	5/8	A	1	1.250	BCFJF			S20788, S20789, S20994
PS-200	5/8	A	1	1.250	BMFJF		New Style Mid-Jet S4 HS, CIMPS, CIMPHS, CIXPS CIXPRS, C1-1/4MPS, B1-1/2APKS D1-1/2MPKS	S20790
PS-202	5/8	B	11	—	BMFJF	A	BM-3081 Mid-Jet 49-53 B1MRS, B1MRHS, B1XRHS B1- 1/4MRS, B1-1/2MRS	S05053, S05645, S16844 S20900, S20996
PS-202V	5/8	B	11	—	VCFJF	A		S18150
PS-3960	5/8	G	1	1.250	BCFJF			S08019
PS-851	3/4	A	1	1.375	BCFJF			S20794, S21961
PS-973	3/4	A	1	1.375	BCFKF			S22380
PS-201	3/4	A	1	1.375	BMFJF		New Style: C1-1/2TPLS, C2TPMS C2-1/2TPMS, B1-1/2MQKS C2TPMS, C2-1/2TPMS, B1XQHS B1-1/4MQS, B1-1/2MQS	S05646, S20791 S20792, S21962
PS-921	3/4	A	1	1.375	BMFKF			S20793, S32280
PS-201V-CMS	3/4	A	1	1.375	VCFJF			S18662
PS-440	3/4	B	11	—	BMFJF	A		S20997
PS-7618	3/4	B	11	1.375	BMFJF			S06405
PS-750	3/4	D	1	1.375	BCDJF		142MPKS, 1-1/2MQKS	S05647
PS-752	3/4	D	1	1.375	BCDKF			S20780
PS-2008	3/4	D	1	1.375	BCFJF			S20779
PS-360	1	A	1	1.625	BCFJF			S08742, S09583 S20795, S20796
PS-460	1	D	1	1.625	BCFKF			S20781
PS-754	1	E	1	1.625	BCFJF			S14867
PS-236	1	E	1	1.625	BCFKF			S20764, S20765
PS-356	1-1/8	C	1	1.750	BCFJF			S32690
PS-2227	1-1/8	C	1	1.750	BCFJF			S32689
PS-604	1-1/8	D	1	1.750	BCFJF			S16812
PS-605	1-1/8	D	1	1.750	BCFKF			S20783
PS-204	1-1/8	E	1	1.750	BCFJF		BZR, BZQ	S07216
PS-384	1-1/8	E	1	1.750	BCFKF		BZR, BZQ	S20767, S20768, S20995
PS-185	1-1/4	C	1	1.875	BCFJF			S32014
PS-2122	1-1/4	C	1	1.875	BCFJF			S32013
PS-381	1-1/4	D	1	1.875	BCFJF		2TPKHS, 3TQKHS, 2TQKIS 3TQKHS, 22TQKHS, 2TRKHS	S05649, S20784, S20785



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BERKELEY (See PENTAIR, INC. for Additional Part Numbers) (continued)</b>								
PS-383	1-1/4	D	1	1.875	BCFKF			S20786
PS-361	1-1/4	E	1	1.875	BCFJF		All Models A Row Pump except 6YPH, 4EPBL & 6YP	S05648, S20770
PS-137	1-1/4	E	1	1.875	BCFKF			S15368, S20769
PS-1185	1-1/4	E	1	1.875	NCPJP			S20771
PS-883	1-1/4	K	1	1.875	BCFJF			S39485
PS-305	1-1/2	E	1	2.125	BCFJF		6YPH, 4EPBL, B1-1/2TQLS B2TQMS, 2-1/2TQMS, B3TQMS	S05650, S20774
PS-374	1-1/2	E	1	2.125	BCFKF			S15385
PS-258	1-1/2	E	3	2.125	BCFKF			S20773, S20775
PS-374V	1-1/2	E	3	2.125	VCFKF			S15538
PS-821	1-5/8	D	3	2.375	BCDJF	S		S16656
PS-446	1-3/4	C	1	2.500	BCFJF			S32015
PS-2142	1-3/4	C	1	2.500	BCFJF			S32692
PS-237	1-3/4	D	1	2.500	BCDJF			S16768
PS-288	1-3/4	D	1	2.500	BCDKF			
PS-205	1-3/4	E	1	2.500	BCFJF		A Row Pump, B3TPMS	S07277, S20776, S20777
PS-366	1-3/4	E	1	2.500	BCFKF			
PS-593	1-7/8	D	3	2.625	BCDKF	S		S20787, S20993
PS-2069	1-7/8	E	1	2.625	BCFJF			S15213, S20778
PS-2072	1-7/8	E	3	2.625	BCFKF	S		S20884
PS-479	2	E	1	2.750	BCFJF			S13481
PS-4508	2-1/8	C	3	3.000	BCFJF	S		S32016
PS-537	2-1/8	E	1	3.000	BCFJF			S15894, S15950
PS-353	2-1/8	E	1	3.000	BCFKF			S16076
PS-327	2-1/8	E	3	3.000	BCFJF	S		S17274
PS-463	2-1/2	D	3	3.375	BCDKF	S		S30320
PS-835	2-1/2	D	3	3.375	BCDJF	S		S18337

Value Guard Part No.	Seal Size MM	Head	Mating Ring	Material Code	Notes	Mfg. Part No.
<b>BJM PUMPS®</b>						
VGM-01325V	20	VGMA	1	VCFJF / VLFLF		M01325V
VGM-01352CV	25	VGMA	1	VCFJF / VLFLF		M01352CV
VGM-2992V*	30	VGM562	1	VCFJF / VLFLF		M01368V
VGM-01362V	32	VGMA	1	VCFJF / VLFLF		M01362V
VGM-01366E	35	VGMA	1	QCFJF / QLFLF		M01366E
VGM-01366V	35	VGMA	1	VCFJF / VLFLF		M01366V
VGM-1355*	45	VGM562	1	BLFLF / BLFLF		M01355
VGM-1355V*	45	VGM562	1	VLFLF / VLFLF		M01355V



**Type VGMA**

\* Includes retaining plate

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BLACKMER (Dover Corp.)</b>								
PS-303	7/8	D	1	1.500	BCDKF			333030
PS-9007	1	W	Special	2.156	TCFJF	316SS	SNP 1-1/4 X 1-1/2	333102
PS-9338	1-1/16	W	27	1.812	TCFKF	316SS		331277
PS-9016	1-3/8	W	27 Special	2.656	QCFJF	316SS		332202
VGM-83942	35MM	Special	Special	57.5MM	VCFLF		Model XL2	334491
VGM-83943	35MM	Special	Special	57.5MM	VSFLF		Model XL2	333919
VGM-9550	45MM	Special	Special	66MM	VCFSF		Model XL3	335129
VGM-85937	45MM	Special	Special	76MM	VCFSF		Model XL4	332054
VGM-9699	45MM	Special	Special	76MM	VSFLF		Model XL3	335147
VGM-83935	55MM	Special	Special	79.5MM	VCFSF		Model MLX4	337008
<b>BLAKESLEE, INC.</b>								
PS-235V	1	C	3	1.625	VCFJF	S	PUMPAKS 30-010 thru 30-023	32-036
PS-3401	1	Q	9	—	NMDKF	A		02255
<b>BORETS US</b>								
PS-7874	1-1/2	D	3	2.125	BLFLE	S		408182
PS-3303	1-1/2	D	3	2.125	XLFLF	316SS/S		2000427

**NOTE:** A. MOUNTS ON SHAFT  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BOWSER</b>								
FA-564	3/4	C	—	—	BCF-F			27A09
PS-466	1-1/4	C	1	2.000	BCFJF			28A09
<b>BRADEN WINCH</b>								
PS-201	3/4	A	1	1.375	BMFJF			
<b>BSM PUMP CORP.</b>								
PS-358	3/4	C	1	1.375	BCFJF			466-142-1
PS-235	1	C	1	1.625	BCFJF			466-137-1
PS-3312	1	C	1	1.625	BCFJF	316SS		466-137-2
PS-185	1-1/4	C	1	1.875	BCFJF			213-744-274
PS-185-P66	1-1/4	C	1	1.875	BCFJF	I		466-292
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			466-292-1
PS-186	1-3/8	D	1	2.000	BCDKF			466-143-1
PS-237	1-3/4	D	1	2.500	BCDJF			213-752-274
<b>BUFFALO PUMPS</b>								
PS-290	5/8	C	1	1.250	BCFJF	N	BPL, BPM, BPO	CC-10900
PS-235	1	C	1	1.625	BCFJF		BPL, BPM, BPO	CC-10901
PS-384	1-1/8	E	1	1.750	BCFKF		1-1/2, 2 & 3SL, 1-1/2 & 2SA w/ Solid Shafts, 2-1/2SW	
PS-137	1-1/4	E	1	1.875	BCFKF		1-1/2, 2 & 3SL, SA Sleeved	231-31-330
FA-354	1-3/8	E	—	—	BCF-F			231-31-412, 231-31-1012 231-31-1573
PS-354	1-3/8	E	1	2.000	BCFJF			
PS-677	1-3/8	E	1	2.000	BCFKF			
PS-374	1-1/2	E	1	2.125	BCFKF		4SL, 3SA, 2RR, 284 Stage 6SLH & 4HSM	
PS-744	1-5/8	E	1	2.375	BCDKF		5SL, 4S, Large Frame	13564-6
PS-340	1-7/8	C	1	2.625	BCFJF			231-31-435
PS-340-EPR-TC-CMS	1-7/8	C	1	2.625	QCFZF			231-31-1602
PS-2069	1-7/8	E	1	2.625	BCFJF			231-31-1357
PS-2070	1-7/8	E	1	2.625	BCFKF		6SL, 4RR, 6HSM, 2 Stage D1 Dbl. Suction, 4SL Extra Heavy	13564-8
PS-2069-TC-SEAT	1-7/8	E	1	2.625	BCFZF			231-31-1278
PS-7869	1-7/8	E	1	2.625	QCFZF	I		231-31-1150
PS-4592	1-7/8	U	5	2.500	BCFZF	316SS		231-31-1292
PS-279	2-1/2	E	3	3.375	BCFJF	S		231-31-1724
PS-349	2-1/2	E	3	3.375	BCFKF		8SL	
PS-350	2-3/8	E	3	3.250	BCFKF	S	D2 Dbl. Suction Pumps, 6S & 6SU	
PS-321	2-3/4	E	3	3.500	V/BCFKF	S		231-31-410
PS-8563	4	X1	5	4.875	BCEZE		16VSHM-1	
<b>BURKS® PUMPS (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-3913	1/2	C	1	1.000	BCFJF	H		21727
PS-200	5/8	A	1	1.250	BMFJF			17038
PS-290	5/8	C	1	1.250	BCFJF	N		8514, 23846
PS-290V	5/8	C	1	1.250	VCFJF	N		9652, 9676, 9762, 3CJSM
PS-2206	5/8	C	3	1.250	QCFKF	S		20764-C
PS-1156V	5/8	C	3	1.250	VCFKF			20498-C
PS-201	3/4	A	1	1.375	BMFJF			17039
PS-3149	3/4	C	1	1.375	BCFJF			08991
PS-358V	3/4	C	3	1.375	VCFJF			9813
PS-185	1-1/4	C	1	1.875	BCFJF			9917
PS-756-EPR	1-1/4	C	1	1.875	QCFKF			
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			9926
PS-598-EPR	1-1/4	C	3	1.875	QCFKF			23559
PS-381	1-1/4	D	1	1.875	BCFJF			
PS-4044	1-3/8	C	1	2.125	BCFJF			
PS-238	1-5/8	C	1	2.375	BCFJF			21136
PS-238V-CMS	1-5/8	C	1	2.375	VCFJF			21189
PS-1068	1-3/4	C	1	2.500	BCFKF			M-3842-C
<b>BYRON JACKSON - (Div. of FLOWSERVE)</b>								
PS-775	7/8	D	3	1.500	BCDJF		Series 400	D-30903
PS-428	7/8	R	1	1.500	BCDJF		Series 400	D-30904
PS-2033	1	D	3	1.625	BCFJF		Series 513	D-30433
PS-8111	1-7/16	XB2	3	2.125	BCFKF	316SS		
PS-382	1-1/2	D	1	2.125	BCFJF			

# PUMP MANUFACTURERS' CROSS-REFERENCE


U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CAMAC INDUSTRIES®</b>								
PS-358V-CMS	3/4	C	1	1.375	VCFJF			Series 50
PS-883V-CMS	1-1/4	K	1	1.875	VCFJF			254
<b>CAMERON COMPRESSION SYSTEMS</b>								
PS-185	1-1/4	C	1	1.875	BCFJF			2-01S-073-003
PS-1018	1-1/4	C	3	2.000	BCFKF			Z2-01S-140-001
PS-177	1-3/8	C	1	2.000	BCFJF			Z109-500
PS-3213	1-3/8	C	3	2.000	VCFKF	I		Z024-616
PS-239	1-5/8	C	1	2.375	BCFKF			2-01S-077-001
PS-1019	1-5/8	C	3	2.625	BCFKF			2-01S-140-001
PS-535	1-3/4	E	3	2.500	BCFJF	S		ZJA-043-000
PS-5224	2	C	1	2.750	BCFJF	316SS		2-01S-077-003
<b>CARLYLE COMPRESSOR CO.</b>								
FA-2752	1-1/2	D	—	—	NLF-F			05GA404147 05GA503534
PS-6058	1-1/2	E	Plate	Plate	NCPGP			5F40276
FA-6104	2	E	—	—	NCP-P			5H40-477
PS-6007	2	E Special	Plate	5.875	NCPGP			5H40276
<b>CARRIER CORPORATION</b>								
PS-6019	1	D	3	1.625	NCPGF			20-22-778
FA-2754	1-1/2	D	—	—	NCF-F			17-44132-00Z
PS-2706	1-1/2	D Special	3	2.110	NLFLF			17-44770-00
<b>CARTER PUMPS, INC.</b>								
PS-100	5/8	A	1	1.187	BMFJF			1S-5010
PS-200	5/8	A	1	1.250	BMFJF			1S-5005A, 1S-5054
PS-290	5/8	C	1	1.250	BCFJF	N		1S-5023, 1S-5035
PS-201	3/4	A	1	1.375	BMFJF			1S-5039
PS-360	1	A	1	1.625	BCFJF			2S-5050, 2S-5054 2S-5089, 2S-5112
PS-383	1-1/4	D	1	1.875	BCFKF			2S-5116, 2S-5119 3S-5239
PS-186	1-3/8	D	1	2.000	BCDKF			4S-5106, 4S-5151
PS-553	1-1/2	C	3	2.125	BCFKF			4S-5215
PS-446	1-3/4	C	1	2.500	BCFJF			4S-5052
PS-237	1-3/4	D	1	2.500	BCDJF			6S-5202
PS-288	1-3/4	D	1	2.500	BCDKF			5S-5029
<b>CARVER PUMP CO.</b>								
PS-200	5/8	A	1	1.250	BMFJF		B20-1, B1-2-1-1/4	
PS-200V-CMS	5/8	A	1	1.250	VCFJF			091-062-02-2322
PS-359	5/8	C	1	1.250	BCFJF		BB20-1	
PS-201	3/4	A	1	1.375	BMFJF		K1/2, L20-11	
PS-358	3/4	C	1	1.375	BCFJF		T14C6	
PS-188	7/8	E	1	1.500	BCFJF	316SS		
PS-229	7/8	E	3	1.500	BCFKF			091-087-02-0212
PS-3507	7/8	E	3	1.500	VZFLF	316SS		091-087-02-02AQ
PS-360	1	A	1	1.625	BCFJF		KN-3LC	
PS-356	1-1/8	C	1	1.750	BCFJF			
PS-627	1-1/8	C	1	1.750	BCFJF	B	26C6, 2-1/2YC7, 2YC7, 3YC9	
PS-185	1-1/4	C	1	1.875	BCFJF		K2L-20-9	
PS-525	1-1/4	C	3	1.875	BCFKF	B		
PS-466	1-1/4	C	1	2.000	BCFJF			090-125-01-0101
PS-466V	1-1/4	C	1	2.000	VCFJF			090-125-01-0103
PS-4131	1-1/4	C	1	2.000	VCFJF	316SS		090-125-01-0114
PS-3185	1-1/4	C	1	2.000	VCFKF			090-125-01-0104
PS-3178	1-1/4	C	1	2.000	VCFLF	316SS		090-125-01-0166
PS-4040	1-1/4	C	1	2.000	VLFZF	316SS		090-125-01-0136
PS-381	1-1/4	D	1	1.875	BCFJF		KN-2H-2L-3N	
PS-4073	1-1/4	D	3	1.875	VCFLF			091-125-99-0007
PS-1183-P66	1-1/4	E	3	1.875	BCFKF	I		090-125-02-0236
PS-137V-P66	1-1/4	E	3	1.875	VCFKF	I		090-125-02-0299
PS-4049	1-1/4	E	3	1.875	VCFLF	316SS		090-125-02-1269
PS-4377	1-1/4	T	3	2.000	BCFKF			090-125-02-1304
PS-681	1-1/4	U	1	1.875	BCD/FJF		1, 1-1/4, 1-1/2, 2, 3, 4L 1-1/4, 1-1/2, 2, 2-1/2, 3, 4LA 1LB, 1-1/4, 2, 2-1/2, 3, 4H 1-1/4, 1-1/2, 2, 2-1/2, 3, 4HA	

**NOTE:** B. TAPERED SPRING  
I. ABRASION RESISTANT CARBON (P66)  
N. NON-STANDARD SPRING HOLDER  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CARVER PUMP CO. (continued)</b>								
PS-186	1-3/8	D	1	2.000	BCDKF		4GHC, 4GHB, 4B, 4BB	
PS-745	1-5/8	E	1	2.375	BCDJF			090-162-02-4608
PS-822	1-5/8	E	3	2.375	BCDKF	S		
PS-1683V	1-5/8	E	3	2.375	VCFJF	S		090-162-02-0203
PS-262-EPR-P66	1-3/4	E	3	2.500	QCCKF	I/S		090-175-02-0246
PS-7252	1-3/4	E	1	2.625	BCFJF			090-175-01-0110
PS-2130	1-3/4	E	3	2.625	BCFJF			
PS-4535	1-3/4	E	3	2.625	BCFKF	316SS		090-175-01-0102
PS-4290	1-3/4	E	3	2.625	QCFLF			
PS-4512	1-3/4	E	3	2.625	QCFLF	316SS		090-175-02-B3DW
PS-4141	1-3/4	E	3	2.625	QCZFZ	I		090-175-01-0137
PS-3227	1-3/4	E	3	2.625	VCFJF	316SS		090-175-01-0114
PS-3169	1-3/4	E	3	2.625	VCFKF	316SS		090-175-01-0104
PS-3054	1-3/4	E	3	2.625	VCFLF	316SS		090-175-01-0166
PS-4228	1-3/4	E	3	2.625	VCFZF	316SS/I		090-175-01-0105
PS-8124	1-7/8	XB	3	2.375	QCFLF	316SS/S		090-187-02-J6DW
PS-8010	1-7/8	XB	3	2.375	VCFZF	316SS I/S		090-187-02-9958
PS-8059	1-7/8	XBT	3	2.375	QCZFZ	316SS/S		090-187-02-99AZ
PS-3522	2	E	3	2.750	BCFKF	316SS I/S		090-200-02-0236
PS-477	2	E	3	2.750	BCFKF	S		
PS-3079	2	E	3	2.750	VCFKF	I/S		090-200-02-0299
PS-3999	2	U	3	2.750	VCFZF	316SS/S		091-200-02-1678
PS-3134	2-1/8	E	3	3.000	QCFLF	316SS/S		090-212-02-02DW
PS-353V	2-1/8	E	3	3.000	VCFKF	S		090-212-02-0204
PS-3122	2-1/8	E	3	3.125	BCFJF	316SS		090-212-02-1001 090-212-02-1069
PS-3576	2-1/4	E	3	3.125	VCFJF	316SS/I		090-225-02-02EG
PS-2098V	2-3/8	E	3	3.250	VCFKF	S		090-237-02-0204
PS-8121	2-3/8	XB	3	3.000	QCFLF	316SS/S		090-237-02-J6DW
<b>CATERPILLAR</b>								
FA-642	5/8	B	—	—	BMF-F			4S-7805
PS-3313	3/4	C	1	1.171	BZFZE	H		5N-6649 / 5N-9547
FA-647	3/4	B	—	—	BMF-F			1N-9177
PS-235	1	C	1	1.625	BCFJF			6N-4743, 6N-9313
<b>C-B TOOL CO. (LANCASTER PUMP DIVISION)</b>								
FA-10	1/2	B	—	—	BMF-F			4761
PS-200	5/8	A	1	1.250	BMFJF			2661
PS-201	3/4	A	1	1.375	BMFJF			1661
PS-357	1	C	1	1.625	BCFKF			4400 Series
<b>CDS - JOHN BLUE COMPANY</b>								
PS-879	1	K	1	1.625	BCFJF			S3565
PS-879V-CMS	1	K	1	1.625	VCFJF		S3220, (Serial # below 9920)	S3565S
VG-2656	1-3/8	HDV	1	2.062	VCFJF		S3220, (3", 43005)	S3645V
<b>CENCO</b>								
PS-452	5/8	B	9	—	BMFJF	A		P-35332
PS-441	3/4	B	9	—	BMFKF	A		P-35334
PS-112	3/4	C	1	1.375	BCFKF			
PS-1026	3/4	D	1	1.437	BCDKF			P-35219
PS-547	1-3/8	C	3	2.000	BCFKF	S		P-29538
<b>CENTREX</b>								
FA-26	5/8	A	—	—	BMF-F			
PS-360	1	A	1	1.625	BCFJF			201-491, 201-493
<b>CENTRILIFT HUGHES</b>								
PS-2724	7/8	D	3	1.500	VCFJF			61067, C61067
PS-2753	7/8	D	3	1.500	VLELE			61068, C61068
PS-2725	1	D	3	1.625	VCFJF			61037, C61037
PS-2728	1	D	3	1.625	VLELE			C61038
<b>CH&amp;E MFG. CO.</b>								
PS-516	5/8	A	1	1.250	BCFJF			W105-7A
PS-200	5/8	A	1	1.250	BMFJF			W105-7
PS-200V-SC-SC	5/8	A	1	1.250	VLFLF			W105-7C
PS-851	3/4	A	1	1.375	BCFJF			W105-1

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CH&amp;E MFG. CO. (continued)</b>								
PS-201V-CMS	3/4	A	1	1.375	VCFJF			W105-1V
PS-1125-SC-SC	3/4	C	1	1.375	BLFLF			W105-1D
PS-7434	1	C	1	1.625	BCFJF			W105-2
PS-380	1	D	1	1.625	BCFJF			W105-10
PS-185-SC-SC	1-1/4	C	1	1.875	BLFLF			W105-15A
PS-758	1-1/2	C	1	2.125	BCFJF			W105-4
PS-758-SC-SC	1-1/2	C	1	2.125	BLFLF			W105-4C
PS-541	1-1/2	K	1	2.125	BCFJF			W105-6A
PS-432	1-1/2	R	1	2.125	BCFKF			W105-6
PS-449	1-3/4	K	1	2.500	BCFJF			W105-11A
<b>CHALLENGE MFG.</b>								
FA-642	5/8	B	—	—	BMF-F			
FA-647	3/4	B	—	—	BMF-F			
PS-235	1	C	1	1.625	BCFJF			D-97
PS-357V	1	C	3	1.625	VCFKF	S		D-98
PS-355	1-1/8	C	1	1.750	BCFKF			E-97
PS-659	1-1/2	C	1	2.125	BCFKF			H-97
PS-659V	1-1/2	C	3	2.125	VCFKF			H-98
<b>CHAMPION INDUSTRIES</b>								
PS-200	5/8	A	1	1.250	BMFJF			106467
PS-4479	5/8	B	9	1.109	QCFJF	A		108426
PS-3100	1	Q	—	—	NMDKF	Unitized		110276
PS-758	1-1/2	C	1	2.125	BCFJF			110611
								
<b>PS-3100</b>								
<b>CHEMINEER, INC. (Unit of ROBBINS &amp; MYERS)</b>								
PS-2702	7/8	C	3	1.500	VCFJF	316SS		472-00009
PS-818	1-5/8	C	3	2.375	BCFJF	S		472-00242
PS-238V	1-5/8	C	3	2.375	VCFJF	S		472-00082
<b>CHEM-TROL, INC.</b>								
PS-8110	1-3/8	XB2	3	2.000	VCFJF	316SS		
<b>CHICAGO PUMP (Div. of YEOMANS CHICAGO CORP.)</b>								
PS-100	5/8	A	1	1.187	BMFJF			
PS-200	5/8	A	1	1.250	BMFJF			2658090
PS-263	5/8	D	1	1.187	BCDKF			266910
PS-750	3/4	D	1	1.375	BCDJF			2655888, 2663071
PS-265	3/4	D	3	1.375	BCDKF			
PS-250	7/8	D	3	1.500	BCDKF			2675339
PS-188	7/8	E	1	1.500	BCFJF	316SS		2657110, 2663072
PS-229	7/8	E	3	1.500	BCFKF			267338
PS-380	1	D	1	1.625	BCFJF			
PS-252	1	D	3	1.625	BCFKF	S		2675341
PS-754	1	E	1	1.625	BCFJF			2655887
PS-251	1	E	3	1.625	BCFKF	S		2675340
PS-604	1-1/8	D	1	1.750	BCFJF			2658071
PS-605	1-1/8	D	1	1.750	BCFKF			2655131
PS-254	1-1/8	D	3	1.750	BCFKF	S		2675344
PS-253	1-1/8	E	3	1.750	BCFKF	S		2675343
PS-306	1-3/16	E	1	1.875	BCDJF			2655886
PS-255	1-3/16	E	3	1.875	BCDKF			2675345
PS-361	1-1/4	E	1	1.875	BCFJF			
PS-256	1-1/4	E	3	1.875	BCFKF			2675347
PS-264	1-1/4	E	3	1.875	BCFKF			2675318
PS-354	1-3/8	E	1	2.000	BCFJF			2655089
PS-257	1-3/8	E	3	2.000	BCFKF	S		2675350 000
PS-258	1-1/2	E	3	2.125	BCFKF			2675351
PS-259	1-1/2	E	3	2.125	BCFKF			2675352 000
PS-868	1-1/2	T	1	2.125	BCFJF		VPM-LLC4	
PS-446	1-3/4	C	1	2.500	BCFJF			117185
PS-262	1-3/4	E	3	2.500	BCFKF	S	VPM-LMC4	2675354

**NOTE:** A. MOUNTS ON SHAFT  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CLAY EQUIPMENT</b>								
PS-185	1-1/4	C	1	1.875	BCFJF			0-902718-0
PS-758	1-1/2	C	1	2.125	BCFJF			0-902719-0
<b>CLAYTON MARK</b>								
PS-501	5/8	A	1	1.250	BMFJF			29304B
<b>CLEARWATER INDUSTRIES, INC.</b>								
PS-163	1/2	B	1	1.000	BMFJF			516069
<b>CLEAVER-BROOKS, INC.</b>								
PS-358	3/4	C	1	1.375	BCFJF			925-65
<b>CLEVELAND GEAR CO.</b>								
PS-5082	1	C	2	1.750	BCFKF	H		Z1032N
PS-254	1-1/8	D	3	1.750	BCFKF	S		Z1028C
PS-7245	1-1/4	D	3	1.937	XCPGP			Z1028D
PS-4363	1-1/2	D	3	2.187	BCFGF			Z1028E
PS-3026	1-5/8	D	3	2.437	BCDGF			Z1028F
PS-333	2	D	3	2.812	NCPGP		Reducer 400	Z1028G
PS-335V	2-1/2	D	3	3.375	VCPGP			Z1028H
PS-3713	3	D	3	4.000	NCPGP			Z1028J
PS-3314	3-7/8	D	3	5.125	VCFGP		Speed Reducer Model 900 & 1000	Z1028M
<b>CLIMAX ENGINE</b>								
PS-380	1	D	1	1.625	BCFJF			
<b>CLOW CORP. (See YEOMANS CHICAGO CORP.)</b>								
<b>COLUMBIA</b>								
PS-142	1/2	B	1	1.000	BMFJF			
<b>CONSOLIDATED DIESEL ELECTRIC</b>								
PS-758	1-1/2	C	1	2.125	BCFJF			0338-0275
<b>CONSTRUCTION MACHINE (See CRANE PUMPS &amp; SYSTEMS)</b>								
<b>CONTINENTAL PUMP</b>								
PS-359	5/8	C	1	1.250	BCFJF			V8-15A, U8-15Q
PS-290	5/8	C	1	1.250	BCFJF	N		V8-15Q
PS-359-EPR-CMS	5/8	C	1	1.250	QCFJF			
PS-358	3/4	C	1	1.375	BCFJF			U8-56QA/R
PS-358V-CMS	3/4	C	1	1.375	VCFJF			U8-56F
<b>COOPER ENERGY SERVICES (See CAMERON COMPRESSION SYSTEMS )</b>								
<b>CORCORAN CO.</b>								
PS-358V	3/4	C	3	1.375	VCFJF			
<b>CORKEN, INC.</b>								
PS-598	1-1/4	C	3	1.875	BCFKF			2994-XA
PS-756V	1-1/4	C	3	1.875	VCFKF			2994-XD
PS-6008	1-1/2	X Special	25 Special	2.410	Special			2298-XA2
<b>CORNELL PUMP CO.</b>								
PS-3960	5/8	G	1	1.250	BCFJF			A14997G-40
PS-618	1-1/4	C	3	1.875	BCFJF	S		A17161J-40, A17161P-40
PS-546	1-1/4	E	3	1.875	BCFV/JF	S		A15002C-40, A15002E-40 A17161X-40
PS-137V	1-1/4	E	3	1.875	VCFKF			A15002D-40
PS-2211	1-1/4	T	3	1.875	BCFJF	S		A15002H-40
PS-3607	1-1/4	T	3	1.875	NAFGF			A15002I-40
PS-3084	1-1/4	T	3	1.875	NAFZF			A15002K-40
PS-3229	1-1/4	R	3	1.875	VZFLF	S		A17161Z-40
PS-864	1-3/8	E	3	2.000	BCFJF	S		A15003J-40
PS-821	1-5/8	D	3	2.375	BCDJF	S		A15005H-40
PS-1698	1-5/8	D	3	2.375	BCFJF	S		A17064M-40
PS-3223	1-5/8	D	3	2.375	BZFLF	S		A17064K-40
PS-3186	1-5/8	D	3	2.375	VCFLF	316SS/S		A20769J-40
PS-3772	1-5/8	D	3	2.375	VZFLF	S		A17064X-40
PS-595	1-5/8	E	3	2.375	BCDJF	S		A15005D-40
PS-822	1-5/8	E	3	2.375	BCDKF	S		A15005C-40
PS-1683	1-5/8	E	3	2.375	BCFJF	S		A15005A-40, A17064Q-40

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CORNELL PUMP CO. (continued)</b>								
PS-1699	1-5/8	E	3	2.375	BCFKF	S		A15005Y-40, A207691-40
PS-2717	1-5/8	E	3	2.375	BZFLF	S		A17064E-40
PS-1699V	1-5/8	E	3	2.375	VCFKF	S		A15005X-40
PS-4471	1-5/8	E	3	2.375	VCFLF	316SS/S		A17064V-40
PS-3071	1-5/8	R	3	2.375	NAFGF	S		A150051-40
PS-9718	1-5/8	W Special	2	2.375	TCFKF	316SS		A15005S-40
PS-550	1-3/4	C	3	2.500	BCFJF	S		A15006F-40, A15006M-40
PS-436-TC-VS-SC	1-3/4	C	3	2.500	B/VZFLF	S		A15006J-40
PS-7035	1-3/4	C	3	2.500	QCFZF	I/S		A15006I-40
PS-3267	1-3/4	D	3	2.500	BZFLF	316SS/S		A15006D-40
PS-535	1-3/4	E	3	2.500	BCFJF	S		A15006N-40
PS-532	2	C	3	2.750	BCFJF	S		A20777G-40
PS-833	2	D	3	2.750	BCDJF	S		A15007D-40, A17264P-40
PS-2075	2	D	3	2.750	BCFJF	S		A15007M-40
PS-3153	2	D	3	2.750	BZFLF	S		A15007Y-40
PS-3142	2	D	3	2.750	VZFLF	316SS/S		A17264Q-40
PS-530	2	E	3	2.750	BCFJF	S		A15007B-40
PS-477	2	E	3	2.750	BCFKF	S		A15007C-40
PS-4600	2	E	3	2.750	BZFFZ	316SS		A16899B-40
PS-2143	2	K	1	2.750	BCFJF			
PS-7196	2	K	3	2.750	BCFJF	S		A15007J-40
PS-468	2-1/2	D	3	3.250	BCDJF			A15008E-40
PS-463-TC-SC	2-1/2	D	3	3.375	BZFLF	S		A17258W-40 A205226U-40
PS-3888	2-1/2	D	3	3.375	VZFLF			A16421D-40, A20526R-40
PS-279	2-1/2	E	3	3.375	BCFJF	S		A15008A-40
PS-349V-TC-SC	2-1/2	E	3	3.375	VZFLF	S		A17258V-40, A20526F-40
PS-1613	2-1/2	K	3	3.375	BCFJF	S		A15008R-40
PS-4523	2-1/2	V	3	3.250	BCFJF			
PS-7875	3	C	1	3.875	BZFFZ			A22335E-40
PS-6219	3	D	3	3.875	BZFLF			A169721-40
PS-2710	3	D	3	3.883	VZFLF	316SS/S		A169720-40, N00137-40
PS-324	3	E	3	3.875	BCDJF	S		A15009A-40, A20564D-40
PS-3518	3	K	3	3.875	BCFJF			A15009G-40
PS-7873	3	K	3	3.875	BCFJF			A15009G-40
PS-3222	3-1/4	D	3	4.125	VZFLF	S		A22646A-40
PS-6203	3-3/4	D	3	4.625	VCFJF			A21879C-40
PS-2719	4	D	3	4.875	VZFLF			A15010H-40
<b>CRANE-DEMING (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-1002	1/2	C	1	1.000	BCFJF			0058125
PS-106	1/2	C	1	1.000	BCFKF			0058216
PS-1002V	1/2	C	1	1.000	VCFJF			0055716
PS-200	5/8	A	1	1.250	BMFJF		Fig. 4910-63, 4357, 4358	
PS-501	5/8	A	1	1.250	BMFJF		Fig. 4910, 11, 12, 13, 4963, 66, 67	
PS-507	5/8	A	1	1.250	BMFKF			
PS-200V-CMS	5/8	A	1	1.250	VCFJF			0040861
PS-507V-CMS	5/8	A	1	1.250	VCFKF			8009530
PS-493	5/8	C	1	1.187	BCFKF			0006841, 0006876
PS-359	5/8	C	1	1.250	BCFJF			0034427
PS-633	5/8	C	1	1.250	BCFKF			115515
PS-359V-CMS	5/8	C	1	1.250	VCFJF			115835
PS-226	5/8	D	1	1.187	BCDKF			0006875, 0020444
PS-201	3/4	A	1	1.375	BMFJF		Fig. 4910, 4911, 3305, 3352, 4352	
PS-750	3/4	D	1	1.375	BCDJF			
FA-1600	7/8	C	—	—	BCF-F			
PS-309	7/8	C	1	1.500	BCFJF		Fig. 4001, Dwg. 116-386	0030876
PS-687	7/8	C	1	1.500	BCFKF		Fig. 4001	0030877
PS-309V	7/8	C	3	1.500	VCFJF			0084876
PS-687V	7/8	C	3	1.500	VCFKF			0084877
PS-790	7/8	D	1	1.437	BCDJF		Fig. 4001, Dwg. 112-041	
PS-892	7/8	K	1	1.500	BCFJF		Fig. 4001	0030894
PS-878	7/8	K	1	1.500	BCFKF		Fig. 4001	0030895
PS-428	7/8	R	1	1.500	BCDJF		Fig. 4001, Dwg. 113-068	
PS-2145	1	C	3	1.437	BCFJF			0065187

**NOTE:** I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CRANE-DEMING (Div. of CRANE PUMPS &amp; SYSTEMS) (continued)</b>								
PS-3755	1	C	3	1.437	VCFJF			0075513
PS-235	1	C	1	1.625	BCFJF			0030878
PS-357	1	C	1	1.625	BCFKF		Fig. 4011, Dwg. 115-313	0030879
PS-460	1	D	1	1.625	BCFKF		Fig. 4011	
PS-4882	1	E	3	1.437	BCFJF			0099273
PS-879	1	K	1	1.625	BCFJF			
PS-3126	1	K	1	1.625	BCFKF			0030897
PS-429	1	R	1	1.625	BCFJF			
PS-9018	1	W	27	2.156	TCFJF	316SS		0118912
PS-608	1-1/8	E	1	1.687	BCFKF		Fig. 4012, Size 1A	
PS-384	1-1/8	E	1	1.750	BCFKF			0029177
PS-185	1-1/4	C	1	1.875	BCFJF			0030880, 0070713
PS-756	1-1/4	C	1	1.875	BCFKF			0030881
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			0088458, 0088459
PS-598-TC-SEAT	1-1/4	C	3	1.875	BCFZF	S		8030880
PS-756V	1-1/4	C	3	1.875	VCFKF			0084881
PS-381	1-1/4	D	1	1.875	BCFJF			
PS-383	1-1/4	D	1	1.875	BCFKF		7180	
FA-189	1-1/4	E	—	—	BCF-F			0078876
PS-546	1-1/4	E	3	1.875	BCFV/JF	S	AVS	0078879
PS-883	1-1/4	K	1	1.875	BCFJF			0030898
PS-890	1-1/4	K	1	1.875	BCFKF			0030899
PS-2211	1-1/4	T	3	1.875	BCFJF	S		0045935
PS-186	1-3/8	D	1	2.000	BCDKF			0030882
PS-2234	1-7/16	E	3	2.062	BCFKF		1523, 1535	0036636
PS-758	1-1/2	C	1	2.125	BCFJF			0030884
PS-659	1-1/2	C	1	2.125	BCFKF		Fig. 4021HD	0030885
PS-2209	1-1/2	C	1	2.125	BZFZF			8030885
PS-659V-CMS	1-1/2	C	1	2.125	VCFKF			0084885
PS-382	1-1/2	D	1	2.125	BCFJF		Fig. 4021HD	
PS-3128	1-1/2	K	1	2.125	BCFJF			0030900
PS-3130	1-1/2	K	1	2.125	BCFKF			0030901
PS-431	1-1/2	R	1	2.125	BCFJF			
PS-432	1-1/2	R	1	2.125	BCFKF			
PS-238	1-5/8	C	1	2.375	BCFJF			0030886
PS-239	1-5/8	C	1	2.375	BCFKF			0030887
PS-238V-CMS	1-5/8	C	1	2.375	VCFJF			106330
PS-239V-CMS	1-5/8	C	1	2.375	VCFKF			106331
PS-446	1-3/4	C	1	2.500	BCFJF		7360	0030888
PS-2142	1-3/4	C	1	2.500	BCFJF			0030904
PS-448	1-3/4	C	1	2.500	BCFKF			0030889
PS-3286	1-3/4	C	3	2.500	VCFKF	316SS/S		0117185
PS-2207	1-3/4	C	3	2.500	VCFZF	S		117779
PS-237	1-3/4	D	1	2.500	BCDJF			
FA-366	1-3/4	E	—	—	BCF-F			0078877
PS-535	1-3/4	E	3	2.500	BCFJF	S	3065	0078882
PS-4097	1-3/4	EB	3	2.500	BCFKF	S		124410
PS-449	1-3/4	K	1	2.500	BCFJF		Fig.4031- Fig.7182	
PS-3115	1-3/4	T	3	2.500	BCFJF	S		0045936
PS-340	1-7/8	C	1	2.625	BCFJF			0046389
PS-1608	1-7/8	C	1	2.625	BCFKF			0046390
PS-312	1-7/8	C	3	2.625	BCFKF	S		
PS-312V	1-7/8	C	3	2.625	VCFKF	S		0075518
PS-543	2-1/8	C	1	3.000	BCFKF	S		0030891
PS-338	2-1/8	C	3	3.000	BCFJF	S		0030890
PS-543V	2-1/8	C	3	3.000	VCFKF	S		119412
PS-353	2-1/8	E	1	3.000	BCFKF			
PS-2086	2-1/8	E	3	3.000	BCFKF	S		
PS-2126	2-1/8	T	3	3.000	BCFJF	S		0043483, 0045937
PS-1679	2-1/4	C	1	3.125	BCFJF			0030892
PS-1676	2-1/4	C	3	3.125	BCFKF	S		0030893
PS-1676V	2-1/4	C	3	3.125	VCFKF	S		0075520
PS-2132	2-1/4	T	3	3.125	BCDJF			0068385
<b>CRANE PUMPS &amp; SYSTEMS</b>								
PS-3000	12MM	G	1	26MM	BLFLF			112566B
PS-200	5/8	A	1	1.250	BMFJF			0000015
PS-507	5/8	A	1	1.250	BMFKF			0009530



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CRANE PUMPS &amp; SYSTEMS (continued)</b>								
PS-4587	5/8	B	8	1.109	Special			098678
PS-359	5/8	C	1	1.250	BCFJF			0115514
PS-633-EPR-CMS	5/8	C	1	1.250	QCFKF			124476
PS-4603	5/8	C	1	1.250	VCFJF			
PS-7547	5/8	C	1	1.250	VLFLF			005080SK
PS-732	5/8	C	3	1.250	BCFKF			21752
PS-5625	5/8	Special	1	1.250	QC-J-			23568
PS-851	3/4	A	1	1.375	BCFJF			0000059
PS-1125	3/4	C	1	1.375	BCFJF			2-31017
PS-3110	3/4	C	1	1.375	BLFLF			110395SD
PS-3916	3/4	C	3	1.375	BCFJF			110395
PS-767	3/4	C	3	1.375	B/VCFJF			63599
PS-9339	3/4	W	2	1.375	TCFJF	316SS		21741
PS-8064	3/4	X	3	1.375	BLFLF	316SS		083459-A
PS-309	7/8	C	1	1.500	BCFJF			M-3824-B, 0030876
PS-3907	7/8	C	1	1.500	BCFJF			2-31006
PS-687V-CMS	7/8	C	1	1.500	VCFKF			120941
PS-774	7/8	C	3	1.500	BCFV/JF			111131
PS-3176	7/8	C	3	1.500	BLFLF			111131SD
PS-8065	7/8	X	3	1.500	BLFLF	316SS		082827-A
PS-235	1	C	1	1.625	BCFJF			M-4292-B
PS-357	1	C	1	1.625	BCFKF		5MPK, 6MFP, 9MFP, 16PK CC1-1/2-1-1/2, CC1-1/2-2	M-4292-C
PS-2145	1	C	3	1.437	BCFJF			0068157
PS-235V	1	C	3	1.625	VCFJF	S		M-4292-G, 7841-0
PS-9018	1	W	27	2.156	TCFJF	316SS		121838
PS-4302	1-1/8	C	1	1.750	BCFJF			21942-P
PS-355-SC-SC	1-1/8	C	1	1.750	BLFLF			070712SD
PS-604	1-1/8	D	1	1.750	BCFJF			M-4274-C
PS-521	1-1/8	D	1	1.875	BCFKF			
PS-756	1-1/4	C	1	1.875	BCFKF			019146, 110697
PS-2208	1-1/4	C	1	1.875	BZFZF			070713SB
PS-1081	1-1/4	C	1	1.875	NCFJF			22197
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			23109, 121448
PS-185V-TC-SEAT	1-1/4	C	1	1.875	VCFZF			0118359
PS-185V-TC-TC	1-1/4	C	1	1.875	VZFZF			123284
PS-466	1-1/4	C	1	2.000	BCFJF			M-3957-C
PS-598-TC-SEAT	1-1/4	C	3	1.875	BCFZF	S		121918
PS-756V	1-1/4	C	3	1.875	VCFKF			20500-C, 84881
FA-189	1-1/4	E	—	—	BCF-F			78876
PS-546	1-1/4	E	3	1.875	BCFJF	S		40684
PS-7323	1-1/4	K	1	1.875	BZ/CFZ/JF			060817
PS-4537	1-1/4	K	1	1.875	BZFZF			060817SC
PS-467	1-3/8	C	1	2.125	BCFKF			M-3983-C
PS-177V	1-3/8	C	3	2.000	VCFJF	S		7842-0
PS-758	1-1/2	C	1	2.125	BCFJF			0030884
PS-758-SC-TC-CMS	1-1/2	C	1	2.125	BLFZF			0030885B
PS-2209	1-1/2	C	1	2.125	BZFZF			0030885A
PS-816	1-1/2	C	3	2.125	BCFJF	S		133029
PS-395	1-1/2	E	3	2.125	BCFJF	S		0099274
PS-238	1-5/8	C	1	2.375	BCFJF			0030886
PS-3664	1-5/8	C	1	2.375	BZFZF			131710
PS-238V-P66-TC	1-5/8	C	1	2.375	VCFZF	I		131793
PS-7806	1-5/8	C	1	2.375	VLFLF			115595, 121755, 125579
PS-3144	1-5/8	C	1	2.375	VZFZF			122825
PS-239-EPR	1-5/8	C	3	2.375	QCFKF	S		21721
PS-239V	1-5/8	C	3	2.375	VCFKF	S		23150
PS-2212	1-3/4	C	1	2.500	BCFJF			M-3842-F
PS-1068	1-3/4	C	1	2.500	BCFKF			M-3842-C
PS-446-TC-TC	1-3/4	C	1	2.500	BZFZF			71559
PS-4410	1-3/4	C	1	2.500	BZFZF			M-3842-L
PS-7820	1-3/4	C	1	2.500	VLFLF			M-3842-V
PS-550	1-3/4	C	3	2.500	BCFJF	S		125852
PS-436-SC-SC	1-3/4	C	3	2.500	BLFLF	S		125852SD
PS-4035	1-3/4	C/ X Special	1	2.500	BCFJF			M-9262
PS-4491	1-3/4	DB	3	2.375	BCFZF	S		

**NOTE:** I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CRANE PUMPS &amp; SYSTEMS (continued)</b>								
PS-859-TC-SEAT	1-3/4	E	3	2.500	BCFZF	S		117781, 8078882
PS-340	1-7/8	C	1	2.625	BCFJF			0046389
PS-2114	1-7/8	C	3	2.625	BCFJF	S		129900
PS-2729	1-7/8	C	3	2.625	BLFLF	S		129900SD
PS-3190	1-7/8	K	1	2.625	BZFZF			060818SC
PS-1028	2	C	1	2.750	BCFKF			
PS-2219	2	C	1	2.750	BZFZF			71560
PS-1145	2	C	3	2.750	VCFKF	S		0-536026-E
PS-7892	2	EB	3	2.625	BCFKF	S		9054995
PS-7196	2	K	3	2.750	BCFJF	S		00103045
PS-543	2-1/8	C	1	3.000	BCFKF			0030891
PS-353V	2-1/8	E	3	3.000	VCFKF	S		0081432
PS-3727	2-1/8	E	3	3.000	VLFLF	S		122556
PS-1679	2-1/4	C	1	3.125	BCFJF			0030892
PS-1688	2-1/4	E	3	3.125	BCFJF	S		0099278
PS-3651	2-1/2	C/X	1	3.375	BCFJ*		* Special Wave Spring	M-9439
PS-468	2-1/2	D	3	3.250	BCDJF			M-4272-B
PS-6205	2-3/4	C	1	3.500	BCFJF			85980
PS-6908	2-3/4	C	1	3.500	BZFZF			85981
PS-2153-CMS	3	C	1	3.875	BCFJF			085983
<b>CREPACO</b>								
FA-1700	1	C	—	—	BCF-F			549S6407F
FA-10037	1	C	—	—	VCF-F			549S6408F
FA-756	1-1/4	C	—	—	BCF-F			549S6407
<b>CROWN PUMPS (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-235-EPR	1	C	1	1.625	QCFJF			BM7274
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			BM7275
<b>CULLIGAN INTERNATIONAL</b>								
PS-4489	3/4	A	1	1.375	BMFJF			325494
<b>CUMMINS WAGNER</b>								
PS-1619	1	Q	1	1.625	BCDJF			3089056
<b>CURTIS</b>								
PS-605	1-1/8	D	1	1.750	BCFKF			
PS-288	1-3/4	D	1	2.500	BCDKF			
<b>DAKON</b>								
FA-10	1/2	B	—	—	BMF-F		Seat is Impeller	
<b>DARLEY, W.S. &amp; COMPANY</b>								
PS-6006	3/4	D	3	1.375	BCDLF		Springholder not Required	1841502
PS-4246	1-1/4	D	3	1.875	BCDLF	S		1841203, 1841205
PS-448	1-3/4	C	1	2.500	BCFKF			1842300
<b>DAYTON (See TEEL PUMP)</b>								
<b>DEAN PUMP (Div. of MET-PRO CORP.)</b>								
PS-3589	1	E	5	1.625	VCFZF			
<b>DECATUR PUMP</b>								
PS-501	5/8	A	1	1.250	BMFJF			20888
PS-359	5/8	C	1	1.250	BCFJF			
PS-290	5/8	C	1	1.250	BCFJF	N		8514
PS-290V	5/8	C	1	1.250	VCFJF	N		9762
PS-750	3/4	D	1	1.375	BCDJF			
PS-185	1-1/4	C	1	1.875	BCFJF			9917
PS-598-EPR	1-1/4	C	3	1.875	QCFKF			21271
<b>DEFCO, INC.</b>								
PS-359V-CMS	5/8	C	1	1.250	VCFJF		D-520	A2518
VG-879V-SC-SC-CMS	1	HVD	1	1.625	VLFLF			A2517ED
PS-360V-CMS	1	A	1	1.625	VCFJF			A2519, A720GE-A-715
<b>DeLAVAL (See IMO INDUSTRIES, INC.)</b>								
<b>DELAVAN PUMPS, INC.</b>								
PS-200V-CMS	5/8	A	1	1.250	VCFJF			34943
PS-1061	9/16	A	1	1.250	VCFJF			

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>DELTA T SYSTEMS, INC.</b>								
PS-3147	5/8	C	3	1.250	QCFKF	I		108-00001-00
PS-2167-EPR-P66	7/8	C	1	1.437	QCFJF	I		108-00006-00
PS-2224	7/8	C	3	1.437	QCFKF	I		108-00002-00
<b>DEMING® (See CRANE PUMPS &amp; SYSTEMS)</b>								
<b>DEMPSTER INDUSTRIES, LLC</b>								
PS-162	1/2	A	1	1.000	BMFJF			
PS-200	5/8	A	1	1.250	BMFJF			907-06030
PS-202	5/8	B	11	—	BMFJF	A		
PS-441	3/4	B	9	—	BMFKF	A		907-06001
PS-440	3/4	B	11	—	BMFJF	A		907-06006
PS-358	3/4	C	1	1.375	BCFJF			907-06043
PS-309	7/8	C	1	1.500	BCFJF			907-06033
PS-309V	7/8	C	3	1.500	VCFJF			907-06034
PS-598	1-1/4	C	3	1.875	BCFKF			907-06035
PS-756V	1-1/4	C	3	1.875	VCFKF			907-06046
<b>DENISON HYDRAULICS (Parker Hannifin HPD)</b>								
PS-5676	1-3/8	C	2	2.187	B/VCFJF	316SS		
PS-5711	1-3/8	C	2	2.187	B/VCFKF	316SS	New Design	623-00006-0
PS-5676V	1-3/8	C	2	2.187	VCFJF	316SS		623-00006-5
PS-5074	1-3/8	C	3	2.000	BCFKF	316SS		623-08981-0, 623-11038
PS-5720	1-1/2	C	2	2.125	BCFKF			623-00012-0
PS-5002	1-11/16	D	2	2.500	BCFGF			623-12260-0
PS-5194	1-11/16	D	2	2.500	VCFKF			623-12263-0
PS-5342	1-7/8	C	2	3.000	B/VCFJF	N	Old Design	623-00016-0
PS-5712	1-7/8	C	2	3.000	B/VCFKF	N	New Design	623-00016-0
PS-5679	1-7/8	C	2	3.000	QCFJF			623-00016-4
PS-5717	1-7/8	C	2	3.000	VCFJF			623-00016-5
PS-5011	1-7/8	C	Plate	3.528	BCFGF			623-00002-0
PS-5721	1-7/8	C	Plate	Plate	VCFGF			623-00002-5
PS-5706	2-1/8	C	2	3.000	VCFKF	316SS		623-00015-5
PS-5005	2-3/16	D	2	3.000	BCFKF			623-12322-0
PS-5024	2-3/16	D	2	3.000	VCFKF			623-12331-0
<b>DETROIT HARVESTER HOWELL</b>								
FA-1	1/2	A	—	—	BMF-F			3-6
FA-26	5/8	A	—	—	BMF-F		H,SM-F,PM,1/4HP, Seat is Impeller	4-6
PS-100	5/8	A	1	1.187	BMFJF			
<b>DEUBLIN CO.</b>								
FA-1700	1	C	—	—	BCF-F			954-211
PS-235V	1	C	3	1.625	VCFJF	S		
<b>DeVILBISS</b>								
PS-508	5/8	D	1	1.250	BCDJF			QM-4507
PS-358	3/4	C	1	1.375	BCFJF			QM-4509
PS-752	3/4	D	1	1.375	BCDKF			QMW-4509
<b>DIACLEAR</b>								
PS-142	1/2	B	1	1.000	BMFJF			36100
<b>DISCFLO CORP.</b>								
PS-446V-SC-SEAT	1-3/4	C	3	2.500	VCFLF	S		P-170-100097
PS-7488	1-3/4	E	3	2.500	VLFLF	S		P-170-100034
PS-3123	1-3/4	T	3	2.500	VLFLF/ VCFLF	316SS/S		P-170-100258
PS-338V-SC-SC	2-1/8	C	3	3.000	VLFLF	S		P-170-100036
PS-3877	2-1/2	C	3	3.375	VLFLF			P-170-100035
<b>DIXIE PUMP</b>								
PS-200	5/8	A	1	1.250	BMFJF			
PS-201	3/4	A	1	1.375	BMFJF			
<b>DOERR</b>								
PS-359	5/8	C	1	1.250	BCFJF			

**NOTE:** A. MOUNTS ON SHAFT  
I. ABRASION RESISTANT CARBON (P66)  
N. NON-STANDARD SPRING HOLDER  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>DOMESTIC PUMP (Div. of ITT CORP.)</b>								
PS-200	5/8	A	1	1.250	BMFJF			180013
PS-359	5/8	C	1	1.250	BCFJF			180014
PS-201	3/4	A	1	1.375	BMFJF			
PS-358	3/4	C	1	1.375	BCFJF			180010
PS-360	1	A	1	1.625	BCFJF			
PS-235	1	C	1	1.625	BCFJF			180011
PS-177	1-3/8	C	1	2.000	BCFJF			180015
<b>DOOSAN INTERNATIONAL</b>								
PS-3498	2-1/2	D	3	3.375	VAFLF	N/S		46619402
<b>DOUGHBOY INDUSTRIES (Div. of HOFFINGER INDUSTRIES)</b>								
PS-671	3/8	B	1	.875	BMFJF			306-1003
PS-200	5/8	A	1	1.250	BMFJF			306-1006
FA-642	5/8	B	—	—	BMF-F			306-1005, 308-1264
PS-1000	5/8	B	1	1.250	BMFJF			306-1002
PS-202	5/8	B	11	—	BMFJF	A		306-1001
<b>DOUGLAS MOTOR CORP.</b>								
PS-201	3/4	A	1	1.375	BMFJF			47406
PS-210	1-3/8	C	1	2.000	BCFKF			46154
<b>DOWDELL CO., J.L. (DOWCO PUMP)</b>								
PS-202	5/8	B	11	—	BMFJF	A		D1101S-5/8
PS-440	3/4	B	11	—	BMFJF	A		D1101S-3/4
<b>DRESSER INDUSTRIES (See GARDNER DENVER LEROI)</b>								
PS-200	5/8	A	1	1.250	BMFJF			125.101/113-1
PS-618	1-1/4	C	3	1.875	BCFJF	S		
PS-1062	1-3/8	C	3	2.125	VCFKF			125.188.2
PS-436V	1-3/4	C	3	2.500	VCFKF	S		125.693.2
<b>DRESSER RAND</b>								
PS-9714	5/8	W Dbl.	3	1.250	TCFJF	316SS	D511	
PS-768	3/4	C	3	1.375	BCFKF			SEL 244
PS-553	1-1/2	C	3	2.125	BCFKF			W27658P2
PS-3136	1-1/2	D	2	2.125	BCDKF			W27658P1
PS-3931	1-5/8	E	2	2.312	BCDKF			W35548P1
PS-3952	2	E Special	3	3.031	NCDFK		Includes Sleeve	000-049-082
PS-611	2-1/8	E	3	2.812	BCFJF			
PS-556	2-1/8	U	1	3.000	BCFKF			720025J1
PS-4172	3	E	3	3.875	VCFKF	316SS		050-825-201
<b>DUFF-NORTON</b>								
FA-1350	5/8	C	—	—	BCF-F			732015C
PS-185	1-1/4	C	1	1.875	BCFJF			464901C
<b>DUNHAM, C.A.</b>								
PS-508	5/8	D	1	1.250	BCDJF			614
<b>DUNHAM-BUSH (MEPCO: Marshall Engineered Products Co.)</b>								
PS-1002	1/2	C	1	1.000	BCFJF			S-996
PS-106	1/2	C	1	1.000	BCFKF			996 New
PS-118	5/8	C	1	1.187	BCFJF			
PS-359	5/8	C	1	1.250	BCFJF			S-472
PS-552-SC-SC	5/8	C	1	1.250	BLFLF			S-5099
PS-633V-CMS	5/8	C	1	1.250	VCFKF			S-2143, S-5549
PS-552-EPR	5/8	C	3	1.250	QCFJF			S-5011
PS-552-EPR-P66	5/8	C	3	1.250	QCFJF	I		S-4940
PS-3147	5/8	C	3	1.250	QCFKF	I		S-4981
PS-633V-TC SEAT	5/8	C	3	1.250	VCFZF			S-472-TC-V
PS-750	3/4	D	1	1.375	BCDJF			40088878W
PS-188	7/8	E	1	1.500	BCFJF	316SS		40090790W
PS-982	1	C	1	1.625	BCFN/KF			860
PS-499	1	C	3	1.625	BCFKF	S		GA-1781-4
PS-983	1-1/8	C	1	1.750	BCFKF			861, ML-8702
PS-185	1-1/4	C	1	1.875	BCFJF			S-4998
PS-756	1-1/4	C	1	1.875	BCFKF			S-3179
PS-756V-CMS	1-1/4	C	1	1.875	VCFKF			S-5548
PS-618-EPR-P66	1-1/4	C	3	1.875	QCFJF	I/S		S-4982, S-5085
PS-239	1-5/8	C	1	2.375	BCFKF			S-3291
PS-3616	1-5/8	C	1	2.375	QCFKF			S-4932

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>DURIRON (See FLOWERVE CORP.)</b>								
PS-866	1-1/8	E	3	1.750	BCFJF	S		
PS-867	1-1/8	E	3	1.750	BCFKF	S		
PS-886	1-1/8	T	3	1.750	BCFJF	S		
PS-918	1-1/8	T	3	1.750	BCFKF	S		
PS-3792	1-3/8	E	3	2.125	VCFJF	316SS/C	Mark III Group 1K	
PS-3783	1-3/8	E	3	2.125	VCFLF	316SS/C	Mark III Group 1K	
PS-4452	1-3/8	E	3	2.125	VCFZF	316SS/C		
PS-2069	1-7/8	E	1	2.625	BCFJF			
PS-7559	1-7/8	E	3	2.625	BCFJF	C/S		
PS-2072	1-7/8	E	3	2.625	BCFKF	S		
PS-3046	1-7/8	E	3	2.625	QCFJF	316SS H/S		
PS-3049	1-7/8	E	3	2.625	QZFLF	316SS H/S	Mark III Group 2	
PS-3929	1-7/8	E	3	2.625	VCFJF	316SS C/S	Mark III Group 2	
PS-7698V-LC	1-7/8	E	3	2.625	VCFKF	C/S		
PS-7878	1-7/8	T	1	2.625	BCFJF			
PS-743	1-7/8	T	1	2.625	BCFKF			
PS-4392	2-5/8	E	3	3.625	QCFLF	C/S		

<b>DURO</b>								
PS-452	5/8	B	9	—	BMFJF	A		5486
PS-508	5/8	D	1	1.250	BCDJF			5485
PS-102	5/8	D	1	1.250	BCDKF		DV-30,50,70,100, VX-30,50,70,100 DJ-70,100, SJ-70,100	B-170

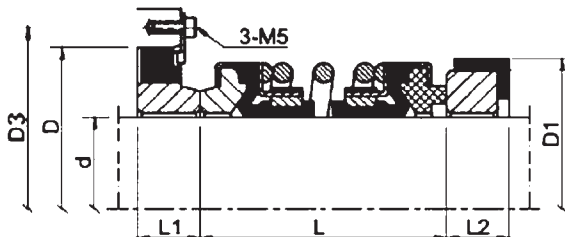
<b>EAST SIDE MFG.</b>								
PS-100	5/8	A	1	1.187	BMFJF			P-28322
PS-200	5/8	A	1	1.250	BMFJF			
PS-1000	5/8	B	1	1.250	BMFJF		BTH	
PS-359	5/8	C	1	1.250	BCFJF			
PS-201	3/4	A	1	1.375	BMFJF			
PS-358	3/4	C	1	1.375	BCFJF			
PS-750	3/4	D	1	1.375	BCDJF			MF-1
PS-360	1	A	1	1.625	BCFJF		Series C, CH and CM	P-28175

## EASTERN ENGINEERING (See PULSAFEEDER)

Value Guard Part No.	Seal Size	Head	Mating Ring	Material Code	Notes
<b>EBARA FLUID HANDLING</b>					
VGM-2981V *	13MM	VGM562	1	VLFLF / VCFJF	
VGM-2982V *	14MM	VGM562	1	VLFLF / VCFJF	
VGM-2979V *	15MM	VGM562	1	VLFLF / VCFLF	
VGM-2974V *	16MM	VGM562	1	VLFLF / VCFJF	
VGM-2980V	20MM	VGM562	Special	VLFLF / VCFJF	
VGM-2975V	25MM	VGM562	Special	VLFLF / VCFJF	
VGM-2992V	30MM	VGM562	Special	VLFLF / VCFJF	
VGM-2976V	35MM	VGM562	Special	VLFLF / VCFJF	
VGM-2977V	40MM	VGM562	Special	VLFLF / VCFJF	
VGM-2978V	45MM	VGM562	Special	VLFLF / VCFJF	
VGM-2983V	50MM	VGM562	Special	VLFLF / VCFJF	



\* Supplied with cup mounted mating rings and no retaining plate




**Type VGM562 with Plate**

d	L	D	L1	D1	L2	D3
13	26	25	5	25	5	-
14	26	30	5	30	5	-
15	26	30	5	30	5	-
16	26	30	5	30	5	-
20	35	44	8	38	8	60
25	35	50	8	44	8	60
30	40	57	10	50	9	70
35	42	64	10	58	9	80
40	45	70	11	64	9	85
45	46	70	10	66	9	90
50	50	80	10	72	9	95

**NOTE:** A. MOUNTS ON SHAFT  
 C. COMPLETE WITH COLLAR  
 H. SPRING HOLDER NOT INCLUDED  
 S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ECONOMY PUMP (PATTERSON PUMP CO.)</b>								
PS-100	5/8	A	1	1.187	BMFJF			
PS-360	1	A	1	1.625	BCFJF			
PS-1067	1-1/8	E	1	1.875	BCFKF			
PS-395	1-1/2	E	3	2.125	BCFJF	S		
<b>EDWARDS ENGINEERING</b>								
PS-867V	1-1/8	E	3	1.750	VCFKF	S		220000
<b>ELECTROMOTIVE DIV.</b>								
PS-632	1/2	C	1	1.000	BCFKF	N		822832
PS-602	7/8	D	1	1.562	BCDJF			5876888
<b>ELGIN SWEEPER CO.</b>								
PS-5625	5/8	Special	1	1.250	QC-J-			
 <p><b>PS-5625</b></p>								
<b>ELKINGTON DISHWASHER</b>								
PS-3440	1	C	1	1.750	BCFJF			
<b>ENPO-CORNELL PUMP CO.</b>								
PS-961	5/8	B	1	1.250	BCFJF			
PS-452	5/8	B	9	—	BMFJF	A		
PS-201	3/4	A	1	1.375	BMFJF			
PS-360	1	A	1	1.625	BCFJF			
PS-466	1-1/4	C	1	2.000	BCFJF			M-3957-F
PS-466V	1-1/4	C	1	2.000	VCFJF			M-3957-G
PS-546	1-1/4	E	3	1.875	BCFV/JF	S		
PS-467	1-3/8	C	1	2.125	BCFKF			M-3983-C
PS-1683	1-5/8	E	3	2.375	BCFJF	S		
PS-2212	1-3/4	C	1	2.500	BCFJF			M-3842-F
PS-1068	1-3/4	C	1	2.500	BCFKF			M-3842-C
PS-449	1-3/4	K	1	2.500	BCFJF			
PS-2139	2	C	1	2.750	BCFJF			M 4414-F
PS-842	2	C	1	2.750	BCFKF			
PS-1040	2	K	3	2.750	BCFKF	S		
PS-1041	2-3/8	K	3	3.250	BCFKF	S		
PS-1613	2-1/2	K	3	3.375	BCFJF	S		
<b>ENVIRONMENT ONE CORP.</b>								
PS-2033	1	D	3	1.625	BCFJF			A-2021B110
PS-3241	1	D	3	1.625	BCFLF	S		
PS-3042	1	G	3	1.625	BCFJF	S		NB0053PO1
<b>ESSICK</b>								
PS-358	3/4	C	1	1.375	BCFJF			9014009
PS-175	3/4	K	1	1.375/ 1.500	BCFJF			9014225
PS-185	1-1/4	C	1	1.875	BCFJF			9014025
PS-177	1-3/8	C	1	2.000	BCFJF			9014027
PS-495	1-3/8	K	1	2.000	BCFJF			9014140
<b>EUROPLAST LTD.</b>								
PS-201	3/4	A	1	1.375	BMFJF			60985AA, 6513207
<b>EVERITE</b>								
FA-10	1/2	B	—	—	BMF-F		Seat Is Impeller	1205
PS-200	5/8	A	1	1.250	BMFJF			2544
PS-501	5/8	A	1	1.250	BMFJF			
PS-359	5/8	C	1	1.250	BCFJF			2584

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FAIRBANKS MORSE (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-506	1/2	A	1	1.000	BMFKF		49 and 59 Circulating Pumps	91325
PS-200	5/8	A	1	1.250	BMFJF		H, HC, HV	82723, 82470-75
PS-501	5/8	A	1	1.250	BMFJF		H500, 649, 650 Shallow Well and All 49 Ejectors to 1 HP 300, 500 and 750 VS-VD	82635-60, 82702-75
PS-507	5/8	A	1	1.250	BMFKF		UL 25 Westco Shallow Well	82480-60
PS-359	5/8	C	1	1.250	BCFJF		Submersible Motor	
PS-508	5/8	D	1	1.250	BCDJF		49	82480-75
PS-102	5/8	D	1	1.250	BCDKF			82698
PS-201	3/4	A	1	1.375	BMFJF		AC, AEC, AES, AS	
PS-877	3/4	C	1	1.375	BCFJF		5553B-Build Together Pump	82738-60, HYDE2
PS-750	3/4	D	1	1.375	BCDJF			40088878
PS-188	7/8	E	1	1.500	BCFJF	316SS	1-1/4 Fig. 5553E	HYD1Q1
PS-229	7/8	E	3	1.500	BCFKF			Westco BR545
PS-235	1	C	1	1.625	BCFJF			CND-1726D-1726C LV411900X01
PS-356	1-1/8	C	1	1.750	BCFJF		1-1/2, 2, 3, 4 Fig. 5553N Frame 213 & Up	HYD1AC
PS-204	1-1/8	E	1	1.750	BCFJF		1-1/4 Fig. 5553E Frame 213 & Up	HYD1Q2
PS-6812	1-3/16	C	1	1.875	BCFJF			LV7140047753
PS-8074	1-3/16	XB	3	1.687	Special	316SS/C		HYD1BT3
PS-185	1-1/4	C	1	1.875	BCFJF			HYD1AC2
PS-756	1-1/4	C	1	1.875	BCFKF			HYD1BX8
PS-381	1-1/4	D	1	1.875	BCFJF			Westco 2G
PS-510	1-1/4	D	1	2.000	BCFJF		5554, 5554A	HYD1E2
PS-883	1-1/4	K	1	1.875	BCFJF			HYD1AD2
PS-865	1-3/8	E	3	2.000	BCFKF	S		HYD1Q3
PS-3198	1-3/8	V	3	2.140	BCFJF			HYD1S3
PS-1104	1-3/8	V	25	2.140	BCFJF		Frame 25	
PS-8079	1-7/16	XB5	3	1.937	Special	316SS		HYD1BT6
PS-758	1-1/2	C	1	2.125	BCFJF			
PS-305	1-1/2	E	1	2.125	BCFJF			ND2502-A1
PS-395	1-1/2	E	3	2.125	BCFJF	S	3" & 4" Fig. 5821, 2" & 3" Fig. 5822 2" & 2-1/2" Fig. 5823, 3" Fig. 5874A	HYD1AA1, HYD1X3
PS-395-EPR	1-1/2	E	3	2.125	QCFJF	S		FMB088775CO1
PS-515	1-1/2	E	3	2.250	BCFJF		2" Fig. 5812, 3", 4" Fig. 5811	HYD1A2
PS-514	1-5/8	D	1	2.375	BCDJF			ND1246-A4
PS-1683	1-5/8	E	3	2.375	BCFJF	S		HYD1BG1
PS-446	1-3/4	C	1	2.500	BCFJF			HYD1AC3, HYD1AD1
PS-6241	1-3/4	C	3	2.500	BLFLF	S		HYD1EH2
PS-3963	1-3/4	C	3	2.500	BLFZF	S		HYD1CM2
PS-3719	1-3/4	C	3	2.500	B/VLFZF	S		HYD1DJ2
PS-3687	1-3/4	C	3	2.500	BZFZF	S		HYD1CD2
PS-3718V	1-3/4	C	3	2.500	VCFJF	S		HYD1CR2
PS-3902	1-3/4	E	3	2.500	VCFJF	316SS C/H/S		HYD1HC3
PS-4136	1-3/4	E	3	2.500	VCFLF	316SS C/S		HYD1HF3
PS-449	1-3/4	K	1	2.500	BCFJF		5421 BR, KTPA-10031	HYD1AD1
PS-6246	1-3/4	K	1	2.500	BCFJF			HYD1AD7
PS-6242	1-3/4	T	3	2.500	VCFJF	316SS/S		HYD1EN2
PS-1070	1-3/4	U	3	2.375	BCFJF		5" Fig. 5821, 6" Fig. 5821, 4" Fig. 5822 3" Fig. 5823, 4" Fig. 5874A 3" Fig. 5876A 2" Fig. 5972A, 2-1/2" Fig. 5972A	HYD1AA3
PS-519	1-3/4	U	3	2.500	BCFJF	S	Fig. 5822A, Size 4	HYD1T2
PS-2069	1-7/8	E	1	2.625	BCFJF			HYD1E4
PS-2070	1-7/8	E	1	2.625	BCFKF			HYD1Q4
PS-3964	1-7/8	T	3	2.625	BCFJF			HYD1CW1 FMB064413BO1
PS-5087	1-7/8	T	3	2.625	BZFZF	316SS		FMB076475X01 FMB093097B01
PS-4521	1-7/8	T	3	2.625	VCFKF			FMB091484C01 FMB091513C01

**NOTE:** C. COMPLETE WITH COLLAR  
H. SPRING HOLDER NOT INCLUDED  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FAIRBANKS MORSE (See PENTAIR, INC. for Additional Part Numbers) (continued)</b>								
PS-898	1-7/8	U	3	2.500	BCFJF		8" Fig. 5821, 5" & 6" Fig. 5822 4" & 5" Fig. 5823, 5" Fig. 5874A	HYD1AA4
PS-4467	1-7/8	V	3	2.625	BCFJF			HYD1S16
PS-1105	1-7/8	V	25	2.640	BMFJF		Frame 28	
PS-8077	1-7/8	X Special	3	2.500	VCFJF	316SS		HYD1BT10
PS-7781-SC-TC	2	C	1	2.750	BLFZF			HYD1CK2, HYD1CN2
PS-3993	2	C	3	2.750	BCFJF	S		HYD1CB1
PS-4015	2	C	3	2.750	BCFKF	S		HYD1CE2
PS-332	2	C	3	2.750	BCFKF	S	Collar available upon request.	HYD1BX1
PS-6238	2	C	3	2.750	BLFLF			HYD1EH1
PS-3721	2	C	3	2.750	BLFZF	S		HYD1CM1, HYD1DJ1
PS-3688	2	C	3	2.750	BZFZF	N/S		HYD1D1CD1
PS-6247V	2	C	3	2.750	VCFKF			HYD1CS2
PS-4178	2	C	3	2.750	VLFLF	N		HYD1S1
PS-530	2	E	3	2.750	BCFJF	S		HYD1BG2
PS-2143	2	K	1	2.750	BCFJF			
PS-4478	2	K	1	2.750	BCFJF			HYD1AD8
PS-338	2-1/8	C	3	3.000	BCFJF	S	Frame 30 Model 5500	HYD1AC4
PS-327	2-1/8	E	3	3.000	BCFJF	S		HYD1Q5
PS-887	2-1/8	K	1	3.000	BCFJF			HYD1AD3
PS-1102	2-1/8	V	3	3.140	BCFJF		Frame 32	HYD1S5
PS-7782	2-1/4	C	1	3.125	BCFKF			HYD1CE1
PS-1676	2-1/4	C	3	3.125	BCFKF	S	Collar available upon request.	HYD1BX10
PS-3966	2-1/4	C	3	3.125	BLFZF			HYD1CN1
PS-6248	2-1/4	C	3	3.125	VCFKF			HYD1CS1
PS-7431	2-1/4	K	1	3.125	BCFJF			HYD1AD9
PS-269	2-1/2	C	3	3.375	BCFJF	S		HYD1AD4 FMB027764A01
PS-853	2-1/2	C	3	3.375	BCFKF	S	Collar available upon request.	HYD1BX3
PS-3247	2-1/2	C	3	3.375	BLFZF			FMB064189B01
PS-279	2-1/2	E	3	3.375	BCFJF	S	Collar available upon request.	HYD1AA6, HYD1BG3
PS-6254	2-1/2	E	3	3.500	BCFJF			HYD1CX2
PS-1613	2-1/2	K	3	3.375	BCFJF	S		HYD1AD10
PS-4072	2-1/2	T	3	3.500	BCFJF			HYD1CW2
PS-6244	2-1/2	T	3	3.500	VCFJF			HYD1EN4
PS-6243	2-1/2	T	3	3.500	VLVZF			HYD1ES4, FMB1403087
PS-3994	2-3/4	C	3	3.500	BCFJF			HYD1CB3
PS-6239	2-3/4	C	3	3.500	BLFLF			HYD1EH3
PS-4366	2-3/4	C	3	3.500	BLFZF			HYD1CM3
PS-2154-TC-SEAT	2-3/4	C	3	3.500	B/VCFZF	S		FMB060882X01
PS-3661	2-3/4	C	3	3.500	VLVZF			HYD1DJ3
PS-2148	2-3/4	K	3	3.500	BCFJF	S		HYD1AD11
PS-328	2-5/8	E	3	3.375	BCFJF	316SS/S		HYD1AA8, HYD1Q6
PS-542	2-5/8	E	3	3.375	BCFKF	S		
PS-329	2-7/8	E	3	3.750	BCFJF	S		HYD1Q7
PS-2153	3	C	3	3.875	BCFJF	S		HYD1EF3
PS-2115	3	C	3	3.875	BCFKF	S	Collar available upon request.	HYD1BX4
PS-3600	3	C	3	3.875	BCFKF			HYD1CE3
PS-2115-TC-SEAT	3	C	3	3.875	BCFZF			FMB060882X02
PS-6240	3	C	3	3.875	BLFLF			HYD1EH4
PS-3701	3	C	3	3.875	BLFZF			HYD1CM4
PS-6249-SC-TC	3	C	3	3.875	BLFZF			HYD1CN3
PS-6249	3	C	3	3.875	BZFZF			HYD1CK3
PS-6250	3	C	3	3.875	VCFKF			HYD1CS3
PS-324SS	3	E	3	3.875	BCFJF	S		HYD1BG4
PS-5252	3	E	3	3.875	BCFKF	S		HYD1BE4
PS-3969	3	E	3	4.000	BCFJF	C		HYD1CX3
PS-7993	3	T	3	4.000	BCFJF			HYD1CW3
PS-3836	3	U	3	3.875	BCFJF	C/S		HYD1AA7
PS-7215	3	V	3	4.000	BCFJF	316SS		HYD1S18
PS-4069	3	V	3	4.000	BCFZF			FMB061419X01
PS-3181	3	V	3	4.250	BCFJF	316SS		HYD1S7
PS-4127	3-1/4	C	3	4.125	BCFJF	S		HYD1EF4
PS-6258	3-1/4	C	3	4.125	BCFKF			HYD1CE4
PS-3702	3-1/4	C	3	4.125	BLFZF			HYD1CN4



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FAIRBANKS MORSE (See PENTAIR, INC. for Additional Part Numbers) (continued)</b>								
PS-6253	3-1/4	C	3	4.125	VCFJF			HYD1CR4
PS-3827	3-1/4	D	3	4.125	BZFFZ			FMB060881P01
PS-330	3-1/4	E	3	4.125	BCDJF			HYD1Q8
PS-6245	3-1/2	C	3	4.375	BCFKF			HYD1BX6
PS-4019	3-1/2	E	3	4.375	BCFJF	I		HYD1BG5
PS-4881	3-1/2	E	3	4.375	BCFKF			HYD1BE5
PS-3238	3-1/2	U	3	4.750	BCFJF			HYD1AA10
PS-3499	3-5/8	E	3	4.625	BCFJF	C		HYD1CX4
PS-3684	3-5/8	T	3	4.625	BCFJF			HYD1CW4
PS-6237	3-5/8	T	3	4.625	BCFZF			FMB083739B01 FMB213293X01
PS-3645	3-5/8	T	3	4.625	BLFZF			
PS-3779	3-5/8	V	3	4.625	BCFJF			HYD1S19
PS-4014	3-3/4	D	3	4.625	BLFZF			HYD1DB3, HYD1DC1
<b>FEDERAL PUMP CORP.</b>								
PS-501	5/8	A	1	1.250	BMFJF			
PS-293	5/8	A	14	.814	BMFKF		Seat is Metal to Metal Press Fit	
PS-293-EPR	5/8	A	14	.814	QCCKF		Seat is Metal to Metal Press Fit	
PS-245	1	C	1	1.625	BCFJF	B/H		
PS-248	1	C	1	1.625	BCFKF	B/H		
PS-380	1	D	1	1.625	BCFJF			
PS-246	1-1/4	C	1	1.875	BCFJF	B/H		
PS-249	1-1/4	C	1	1.875	BCFKF	B/H		
PS-381	1-1/4	D	1	1.875	BCFJF			
PS-547	1-3/8	C	3	2.000	BCFKF	S		
PS-682	1-1/2	C	1	2.156	BCFJF	B/H		
PS-247	1-1/2	C	1	2.156	BCFKF	B/H		
PS-382	1-1/2	D	1	2.125	BCFJF			
PS-446	1-3/4	C	1	2.500	BCFJF			
PS-205	1-3/4	E	1	2.500	BCFJF			
<b>FINISH THOMPSON, INC.</b>								
PS-359-EPR-CMS	5/8	C	1	1.250	QCCKF			J101256
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			J103501
PS-3216	1-3/8	D	3 Special	2.000	VCFJF	316SS		J100122
PS-3196	1-3/8	K	3	2.000	VCFJF	S		J100124
PS-8110	1-3/8	XB2	3	2.000	VCFJF	316SS		J100123
<b>FINN CORP.</b>								
PS-185	1-1/4	C	1	1.875	BCFJF			080485
<b>FLINT &amp; WALLING (Div. of ZOELLER CO.)</b>								
PS-165	1/2	B	9	.906	BMFJF	A		132891/92
PS-800	5/8	C	1	1.156	BMFJF	H	BPA, C, C6267, CA	131100, 132377
PS-201	3/4	A	1	1.375	BMFJF		81, 82, 83, 605, 607, 609 Shallow Well 64, 65, 66, 67, 68 Deep Well	126544, 126545
PS-687	7/8	C	1	1.500	BCFKF			121224
PS-357	1	C	1	1.625	BCFKF		Series C211	129868
PS-204	1-1/8	E	1	1.750	BCFJF			
PS-185	1-1/4	C	1	1.875	BCFJF		Spring Supplied by Customer	136557
<b>FLO FAB</b>								
PS-185V-SC-SC	1-1/4	C	1	1.875	VLFLF			
<b>FLOWAY (Div. of WEIR SPECIALTY PUMPS)</b>								
PS-252	1	D	3	1.625	BCFKF	S		542949-2010
PS-264	1-1/4	E	3	1.875	BCFKF			545305-1010, 231-31-413
<b>FLOWERVE CORP. (See DURCO, IDP and WORTHINGTON)</b>								
PS-4292	9/16	C	3	1.031	BCFKF		1 GAM	
PS-3542	9/16	C	3	1.031	VCFKF		1 GAM	74744277
PS-516	5/8	A	1	1.250	BCFJF			74297284
PS-528	5/8	A	1	1.375	BMFJF			28518652
PS-637	5/8	A	3	1.250	BMFJF			60311669
PS-2734	5/8	B	8	1.109	Special	316SS		69207298

**NOTE:** A. MOUNTS ON SHAFT  
 B. TAPERED SPRING  
 C. COMPLETE WITH COLLAR  
 H. SPRING HOLDER NOT INCLUDED  
 I. ABRASION RESISTANT CARBON (P66)  
 S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FLOWERVE CORP. (See DURCO, IDP and WORTHINGTON) (continued)</b>								
FA-1350	5/8	C	—	—	BCF-F			055955-00, 27337591
PS-359	5/8	C	1	1.250	BCFJF			74908237
PS-359V-CMS	5/8	C	1	1.250	VCFJF			74315409
PS-4458	5/8	C	1	1.375	VCFJF	316SS	Includes Sleeve	28518660, PO2099-00
PS-7635	5/8	C	3	1.062	VCFKF		2 GA	74744285
PS-951	5/8	C	3	1.375	VCFKF			74262767, PO2752-00
FA-564	3/4	C	—	—	BCF-F			024439-00, 27197623
PS-2236	3/4	C	3	1.375	BCFJF			60721792, 60980901
PS-4283	3/4	C	3	1.375	QCFKF			60724614, 75696202
PS-3068	3/4	C	3	1.375	QLFLF		SMP	
PS-2235	3/4	C	3	1.375	VCFJF			60724572
PS-3074	3/4	C	3	1.375	VLFLF		SMP 2000	
PS-4093	3/4	E	3	1.187	QCFKF		3&4 GAM	
PS-7994	3/4	E	3	1.187	VCFKF		3&4 GAM	1802AJCTYP1RO75XP171
PS-7960	3/4	E	3	1.187	VCPKP			74744293
PS-602	7/8	D	1	1.562	BCDJF			60110418
PS-7859V	7/8	E	3	1.312	VCFKF	316SS	5&6 GAM	74744301
PS-845	15/16	U	3	1.562	BCFGF			27252691, 4007827
PS-560V	15/16	U	3	1.562	VCFKF			031446-01, 74744319
PS-252	1	D	3	1.625	BCFKF	S		82230962
PS-8112	1	XB2	3	1.625	BCFKF	316SS		81918547
FA-1800	1-1/8	C	—	—	BCF-F			28518934, 68885854 PO2885-00
FA-10038	1-1/8	C	—	—	VCF-F			74262874, PO2889-00
PS-356	1-1/8	C	1	1.750	BCFJF			74908260
PS-801	1-1/8	C	3	1.750	B/VCFJF	S		
PS-355V	1-1/8	C	3	1.750	VCFKF	S		39633201
PS-604	1-1/8	D	1	1.750	BCFJF			60110434
PS-605	1-1/8	D	1	1.750	BCFKF			60110442, CPM-10055
FA-866	1-1/8	E	—	—	BCF-F			68885870, 68885896
FA-608V	1-1/8	E	—	—	VCF-F			60954690
PS-607	1-1/8	E	1	1.687	BCFJF			60110327, 60110335
PS-384	1-1/8	E	1	1.750	BCFKF			60110616
PS-867	1-1/8	E	3	1.750	BCFKF	S		69237592
PS-4262	1-1/8	E	3	1.750	B/VCFKF	S		68885862, 68885904
PS-204V	1-1/8	E	3	1.750	VCFJF	S		60954682
PS-3060	1-1/8	E	3	1.750	VCFJF	316SS C/I/S		78925468
PS-867V-TC-SEAT	1-1/8	E	3	1.750	VCFZF	S		60954716
PS-1636	1-1/8	E	3	1.812	B/VCFJF			60514098
PS-1637	1-1/8	E	3	1.812	B/VCFKF			60514254
PS-723	1-3/16	T	1	1.875	BCDJF			60111267
PS-185	1-1/4	C	1	1.875	BCFJF			75630517
PS-618	1-1/4	C	3	1.875	BCFJF	S		60721800, 60980918 60980919
PS-618-EPR-P66	1-1/4	C	3	1.875	QCFJF	I/S		74737990
PS-2203	1-1/4	C	3	1.875	QCFKF	I		68867910
PS-7436	1-1/4	C	3	1.875	QCFZF	I/S		60671328
PS-185V	1-1/4	C	3	1.875	VCFJF	S		68867902
PS-756V	1-1/4	C	3	1.875	VCFKF			74898800
PS-618V-TC-SEAT	1-1/4	C	3	1.875	VCFZF	S		60727401
PS-7972	1-1/4	G	1	1.875	BLFLF	316SS	4MSX7 See PS-7971 for Upper Seal	81955064 - Lower Seal
PS-394	1-1/4	U	3	1.875	BCF/DKF			031448-00
PS-394V	1-1/4	U	3	1.875	VCF/DKF			031448-03, 78978772
FA-177	1-3/8	C	—	—	BCF-F			28518868, PO2886-00
FA-10165	1-3/8	C	—	—	QCF-F	I		74332321, 80631400
FA-10041	1-3/8	C	—	—	VCF-F			28518884, PO2890-00
FA-4163	1-3/8	E	—	—	QCF-F	316SS C/I		74712241
FA-2104V	1-3/8	E	—	—	VCF-F			74816034
FA-4087	1-3/8	E	—	—	VCF-F	316SS/C		PO2874-00
PS-3925	1-3/8	E	3	2.125	VCFJF	S		74816117
PS-7971	1-3/8	G	1	2.000	BCFJF	316SS	See PS-7972 for Lower Seal	81955072 - Upper Seal
PS-3014	1-3/8	G	1	2.000	BLFZF	316SS		81981193

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FLOWERVE CORP. (See DURCO, IDP and WORTHINGTON) (continued)</b>								
PS-725	1-3/8	T	1	2.000	BCFJF			60111275
PS-561SS	1-3/8	U	1	2.000	BCFKF			050498-00, 026457-00 27215094, 27328830
FA-9341	1-3/8	WT	—	—	TCF-F	316SS		74839721
PS-8111	1-7/16	XB2	3	2.125	BCFKF	316SS		81918523
FA-305	1-1/2	E	—	—	BCF-F			05484500, 27335819 68886167, 68886175 69170181
FA-305V	1-1/2	E	—	—	VCF-F			60506169, 60549581 74332164, 80612400
PS-258	1-1/2	E	3	2.125	BCFKF			68886100, 68886118
PS-305V	1-1/2	E	3	2.125	VCFJF	S		68886068, 6886092
PS-4034	1-1/2	E	3	2.312	BCFZF			60514148
PS-1648	1-1/2	E	3	2.312	B/VCFKF	S		60514130, 60514288
PS-1651	1-1/2	E	3	2.312	VCFJF		H/HC	60514122
PS-1652	1-1/2	E	3	2.312	VCFKF			60514726
PS-239-EPR	1-5/8	C	3	2.375	QCFKF	S		60727328
PS-609	1-5/8	E	1	2.312	BCDJF			60110343
PS-610	1-5/8	E	1	2.312	BCFKF			60110350
FA-1660	1-3/4	C	—	—	BCF-F			28518876
FA-10159	1-3/4	C	—	—	BRF-F			74334681, 80996900
FA-2108E	1-3/4	C	—	—	QCF-F	I		80631500
FA-10045	1-3/4	C	—	—	VCF-F			74262882, PO2891-00
FA-366	1-3/4	E	—	—	BCF-F			28518785, PO2871-00
PS-7950	1-3/4	E	3	2.312	QCFZF	I/S		74840992
PS-366V	1-3/4	E	3	2.500	VCFKF	S		74780065
PS-3016	1-3/4	G	1	2.500	BLFLF			81974883
PS-4216	1-3/4	G	1	2.500	BLFZF			81974917
PS-3884	1-3/4	U	1	2.500	VCFZF			
FA-9400	1-3/4	WT	—	—	TCF-F			28518843, PO2883-00
FA-513V	1-7/8	E	—	—	VCF-F			60954765
FA-4193	1-7/8	E	—	—	VCF-F	316SS/H		AY38032C-HF50
PS-2072	1-7/8	E	3	2.625	BCFKF	S		60433083, 60434321 68885987
PS-7951	1-7/8	E	3	2.625	QCFZF	316SS I/S		60433125
PS-1659	1-7/8	E	3	2.625	VCFJF	S		60954757
PS-1660	1-7/8	E	3	2.625	VCFKF	S		60954807
PS-4193	1-7/8	E	3	2.625	VCFZF	316SS/S		
PS-3648	1-7/8	EB	Special	2.687	VCFZF			60502697
PS-3018	1-7/8	G	1	2.625	BLFLF	316SS		81974909
PS-3203	1-7/8	T	3	2.625	VLFFZ/ VCFJF	316SS/S		
PS-9709	1-7/8	WT	3	2.625	T/VCFJF	316SS/S		78934213
PS-530	2	E	3	2.750	BCFJF	S		60110780
PS-477	2	E	3	2.750	BCFKF	S		60110756, 69261352
PS-477V	2	E	3	2.750	VCFKF	S		78945368
PS-8053	2	XB1T	3	2.500	VCFZF	316SS/I/S	A Line	
PS-456-EPR	2	U	3	2.750	QCFKF	S		75329441
PS-3591	2	U	3	2.750	QCFZF	I/S		75329490
PS-456V	2	U	3	2.750	VCFKF	S		75329540
PS-8119	2	XBT	3	2.500	VCFJF	316SS		
FA-2120	2-1/8	C	—	—	BCF-F			PO2888-00
PS-1612	2-1/8	E	3	2.812	BCFKF			60110376
PS-4146	2-1/8	EB	5	2.625	BCFZF		100 Series S Line	
PS-8562	2-1/8	X1T	3	2.875	VCFJF	316SS/S		1802AJC81TA212XF1C1
FA-350V	2-3/8	E	—	—	VCF-F			60969805
PS-278V	2-3/8	E	3	3.250	VCFJF	S		60969797
PS-4492	2-3/8	E	3	3.250	VLFLF	S	10X8X13HOC	
PS-3936V-TC-SEAT	2-3/8	EB	3	3.125	VCFZF	S		
PS-3073	2-3/8	G	1	3.125	BCFLF	316SS		88380754
PS-3008	2-3/8	G	1	3.250	BCFJF			81974891
PS-3022	2-3/8	G	1	3.250	BLFZF			81974941
PS-8113	2-3/8	XBT	3	3.250	VCFJF	316SS	8X10X13HOC	

**NOTE:** H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FLOWERVE CORP. (See DURCO, IDP and WORTHINGTON) (continued)</b>								
PS-2205-EPR	2-1/2	E	3	3.375	QCCKF	I/S		60647260
PS-279V	2-1/2	E	3	3.375	VCFJF	S	8X6X13 HOC-3	74816125 1802AJCTYPIA250-XF1C1
PS-349V	2-1/2	E	3	3.375	VCFKF	S		75514554
PS-4392	2-5/8	E	3	3.625	QCFLF	C/S		
PS-8102	2-3/4	XB	3	3.375	VCFZF	316SS		
FA-475SS	3	E	—	—	BCF-F			74315847
PS-5252	3	E	3	3.875	BCFKF	S		055425-00, 60434883 74841065
PS-8144	3	XB1	3	3.500	VCFZF	316SS/S		5221614
PS-325SS	3-1/4	U	3	4.125	BCFKF	C/S	S Line, 8X14SD, 10X14SD	CPM-325S429X7 69261378
PS-4475	3-1/4	U	3	4.125	QCFFJ	316SS/C		
PS-4483	3-1/4	U	3	4.125	VCFKF	C		75386078
PS-3157	3-1/4	U	3	4.125	VCFZF	C		69981555
FA-4027	3-1/2	U	—	—	BCF-F			806119-00
PS-7986	3-3/4	U	3	4.625	BCDKF			60311578

Flygt Model No.	Seal Size MM	Upper Seal Part No.	Materials of Construction	Lower Seal Part No.	Seal Size MM	Materials of Construction	Buna O-Ring Kit Part No.
<b>FLYGT</b>							
2066	20	VGf-02020	Ca/TC/B	VGf-03020	20	TC/TC/V	VGf-2066-OKIT
2102.040	22	VGf-09022	TC/TC/B	VGf-10022	22	TC/TC/V	VGf-2102-OKIT
2102.041	22	VGf-07022	TC/TC/B	VGf-08022	22	TC/TC/V	VGf-2102-OKIT
2102.210	22	VGf-07022	TC/TC/B	VGf-08022	22	TC/TC/V	VGf-2102-OKIT
2125	28	VGf-19028	TC/TC/B	VGf-20028	28	TC/TC/V	VGf-2125-OKIT
2140	28	VGf-19028	TC/TC/B	VGf-20028	28	TC/TC/V	VGf-2140-OKIT
2151.010	35	VGf-21035	TC/TC/B	VGf-22035	35	TC/TC/V	VGf-2151-OKIT
2151.011	35	VGf-21035	TC/TC/B	VGf-23035	35	TC/TC/V	VGf-2151-OKIT
2151.050	35	VGf-21035	TC/TC/B	VGf-23035	35	TC/TC/V	VGf-2151-OKIT
2201.011LT	45	VGf-28045	Ca/TC/B	VGf-29045	45	TC/TC/V	VGf-2201-OKIT
2250	60	VGf-30060	Ca/TC/B	VGf-31060	60	TC/TC/V	VGf-2250-OKIT
2400	60	VGf-34060	TC/TC/B	VGf-35060	60	TC/TC/V	VGf-2400-OKIT
3066	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3066-OKIT
3067.090	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3067-OKIT
3067.170	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3067-OKIT
3067.180	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3067-OKIT
3067.250	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3067-OKIT
3067.590	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3067-OKIT
3067.690	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3067-OKIT
3067.890	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3067-OKIT
3082	22	VGf-09022	TC/TC/B	VGf-10022	22	TC/TC/V	VGf-3082-OKIT
3085.091	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.092	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.120	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.170	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.171	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.172	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.180	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.181	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.182	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.280	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.290	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.890	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.891	20	VGf-04020	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3101	28	VGf-17028	TC/TC/B	VGf-18028	28	TC/TC/V	VGf-3101-OKIT
3102	25	VGf-14025	Ce/TC/B	VGf-15025	25	TC/TC/V	VGf-3102-OKIT
3126.090	35	VGf-21035	TC/TC/B	VGf-22035	35	TC/TC/V	VGf-3126-OKIT
3126.091	35	VGf-21035	TC/TC/B	VGf-25035	35	TC/TC/V	VGf-3126-OKIT
3126.180	35	VGf-21035	TC/TC/B	VGf-22035	35	TC/TC/V	VGf-3126-OKIT
3126.181	35	VGf-24035	Ca/TC/B	VGf-25035	35	TC/TC/V	VGf-3126-OKIT
3126.280	35	VGf-21035	TC/TC/B	VGf-25035	35	TC/TC/V	VGf-3126-OKIT
3126.290	35	VGf-21035	TC/TC/B	VGf-25035	35	TC/TC/V	VGf-3126-OKIT
3127	35	VGf-24035	Ca/TC/B	VGf-25035	35	TC/TC/V	VGf-3127-OKIT

# PUMP MANUFACTURERS' CROSS-REFERENCE

Flygt Model No.	Seal Size MM	Upper Seal Part No.	Materials of Construction	Lower Seal Part No.	Seal Size MM	Materials of Construction	Buna O-Ring Kit Part No.
<b>FLYGT (continued)</b>							
3140	45	VGf-28045	Ca/TC/B	VGf-29045	45	TC/TC/V	VGf-3140-OKIT
3152	45	VGf-28045	Ca/TC/B	VGf-29045	45	TC/TC/V	VGf-3152-OKIT
3170	60	VGf-32060	Ca/TC/B	VGf-33060	60	TC/TC/V	VGf-3201-OKIT
3201	60	VGf-32060	Ca/TC/B	VGf-33060	60	TC/TC/V	VGf-3201-OKIT
3300.091	90	VGf-36090	TC/TC/B	VGf-37080	80	TC/TC/V	VGf-3300-OKIT
3300.181	90	VGf-36090	TC/TC/B	VGf-37080	80	TC/TC/V	VGf-3300-OKIT
3300.280	90	VGf-36090	TC/TC/B	VGf-37080	80	TC/TC/V	VGf-3300-OKIT
3300.980	90	VGf-36090	TC/TC/B	VGf-37080	80	TC/TC/V	VGf-3300-OKIT
3530	90	VGf-36090	TC/TC/B	VGf-39120	120	TC/TC/V	TBA

**Materials of Construction Explanation:**

Ca/TC/B - Carbon vs Tungsten Carbide with Buna Elastomers  
 Ce/Ca/B - Ceramic vs Carbon with Buna Elastomers  
 TC/TC/B - Tungsten Carbide vs Tungsten Carbide with Buna Elastomers  
 TC/TC/V - Tungsten Carbide vs Tungsten Carbide with Viton® Elastomers

- Please call for models not shown
- Also available upon request
- Machined metal version of seals
- Viton® O-Ring kits



**VGF-14025**



**VGF-15025**



**VGF-24035**



**VGF-25035**



**VGF-28045**



**VGF-29045**

Flygt Model No.	Seal Size MM	Value Guard Part No.	Materials of Construction	Buna O-Ring Kit Part No.
<b>FLYGT PLUG-IN™</b>				
2610	20	VG-20000*	TC/TC/V // TC/Ce/V	VGf-2610-OKIT
2620	20	VG-20000*	TC/TC/V // TC/Ce/V	VGf-2620-OKIT
2630	20	VG-20000*	TC/TC/V // TC/Ce/V	VGf-2630-OKIT
2640	20	VG-20000*	TC/TC/V // TC/Ce/V	VGf-2640-OKIT
2660	25	VG-20001	SIC/SIC/V // TC/Ce/V	VGf-2660-OKIT
2670	35	VG-20002	TC/TC/V // TC/TC/V	VGf-2670-OKIT
3153	35	VG-20002	TC/TC/V // TC/TC/V	VGf-3153-OKIT
3171	45	VG-20003	TC/TC/V // TC/TC/V	VGf-3171-OKIT
3202	60	VG-20004	TC/TC/V // TC/TC/V	VGf-3202-OKIT
3301	80	VG-20005	TC/TC/V // TC/TC/V	VGf-3301-OKIT
4610	20	VG-20000*	TC/TC/V // TC/Ce/V	VGf-4610-OKIT
4620	20	VG-20000*	TC/TC/V // TC/Ce/V	VGf-4610-OKIT
4630	25	VG-20001	SIC/SIC/V // TC/Ce/V	VGf-4630-OKIT
4640	25	VG-20001	SIC/SIC/V // TC/Ce/V	VGf-4630-OKIT
4650	45	VG-20003	TC/TC/V // TC/TC/V	VGf-4650-OKIT
4660	45	VG-20003	TC/TC/V // TC/TC/V	VGf-4650-OKIT
4670	60	VG-20004	TC/TC/V // TC/TC/V	VGf-4670-OKIT
4680	60	VG-20004	TC/TC/V // TC/TC/V	VGf-4670-OKIT
5100.210	35	VG-20002	TC/TC/V // TC/TC/V	VGf-5100-210-OKIT
5100.211	35	VG-20002	TC/TC/V // TC/TC/V	VGf-5100-211-OKIT
5100.220	35	VG-20002	TC/TC/V // TC/TC/V	VGf-5100-220-OKIT
5100.221	35	VG-20002	TC/TC/V // TC/TC/V	VGf-5100-211-OKIT
5100.250	45	VG-20003	TC/TC/V // TC/TC/V	VGf-5100-250-OKIT
5100.251	45	VG-20003	TC/TC/V // TC/TC/V	VGf-5100-250-OKIT
5100.260	45	VG-20003	TC/TC/V // TC/TC/V	VGf-5100-250-OKIT
5100.261	45	VG-20003	TC/TC/V // TC/TC/V	VGf-5100-250-OKIT
5100.300	60	VG-20004	TC/TC/V // TC/TC/V	VGf-5100-300-OKIT

\* For SS version, Order VG-20000M

# PUMP MANUFACTURERS' CROSS-REFERENCE

Flygt Model No.	Seal Size MM	Value Guard Part No.	Materials of Construction	Buna O-Ring Part No.
<b>FLYGT PLUG-IN™ (continued)</b>				
5100.310	60	VG-20004	TC/TC/V // TC/TC/V	VG-5100-300-OKIT
5150.300	60	VG-20004	TC/TC/V // TC/TC/V	VG-5150-300-OKIT
5150.310	60	VG-20004	TC/TC/V // TC/Ce/V	VG-5150-300-OKIT
5150.350	80	VG-20005	TC/TC/V // TC/TC/V	VG-5150-350-OKIT
5150.360	80	VG-20005	TC/TC/V // TC/TC/V	VG-5150-350-OKIT

## Materials of Construction Explanation:

SIC/SIC/V // TC/Ce/V

SIC/SIC/V - Silicon Carbide vs Silicon Carbide with Viton® Elastomers

TC/Ce/V - Tungsten Carbide vs Ceramic with Viton® Elastomers

TC/TC/V // TC/Ce/V

TC/TC/V - Tungsten Carbide vs Tungsten Carbide with Viton® Elastomers

TC/Ce/V - Tungsten Carbide vs Ceramic with Viton® Elastomers

TC/TC/V // TC/TC/V

TC/TC/V - Tungsten Carbide vs Tungsten Carbide with Viton® Elastomers

TC/TC/V - Tungsten Carbide vs Tungsten Carbide with Viton® Elastomers

## Features

- Compact design
- Double cartridge seal
- Faces are protected during installation
- Factory assembled as a unit
- Fool proof mounting
- Springs are isolated from the pump media

Please call for models not shown.



U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FOOTE BROTHERS</b>								
PS-383	1-1/4	D	1	1.875	BCFKF			
PS-186	1-3/8	D	1	2.000	BCDKF			
PS-371	1-1/2	D	1	2.125	BCFKF			
PS-462	2	D	1	2.750	BCDKF			

## FRANKLIN ELECTRIC CO., INC. (LITTLE GIANT PUMP CO., MONARCH PUMPS)

PS-200	5/8	A	1	1.250	BMFJF			1000206, 106196105
PS-200V-CMS	5/8	A	1	1.250	VCFJF			240316, 106196106
PS-1021	5/8	B	8	—	BMFJF	A		292456101
PS-452	5/8	B	9	—	BMFJF	A		
PS-3914	5/8	C	3	1.250	BCFJF			926051
PS-3960	5/8	G	1	1.250	BCFJF			240104
PS-877	3/4	C	1	1.375	BCFJF			106196102
PS-360	1	A	1	1.625	BCFJF			240180
PS-360V-CMS	1	A	1	1.625	VCFJF			240369
PS-2122	1-1/4	C	1	1.875	BCFJF			106196101
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			240359
PS-758V-CMS	1-1/2	C	1	2.125	VCFJF			240362

## FRANKLIN PUMP SYSTEMS (Div. of JACUZZI)

PS-200	5/8	A	1	1.250	BMFJF			10000206
PS-201	3/4	A	1	1.375	BMFJF			10150209, 100002060001
PS-877	3/4	C	1	1.375	BCFJF			10120301, 10123010001
PS-235	1	C	1	1.625	BCFJF			10129906
PS-2122	1-1/4	C	1	1.875	BCFJF			10036903, 106196101
PS-546	1-1/4	E	3	1.875	BCFV/JF	S		10153104
PS-2142	1-3/4	C	1	2.500	BCFJF			10037000

## FREDERICK PUMP & ENGINE

PS-952	5/8	A	1	1.250	BCFJF			
PS-360	1	A	1	1.625	BCFJF			
PS-185	1-1/4	C	1	1.875	BCFJF			
PS-756V	1-1/4	C	3	1.875	VCFKF			80912
PS-1042	1-3/4	U	1	2.500	BCFJF			

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FREEZING EQUIPMENT SALES</b>								
PS-9703	2	WB	Special	2.500	T/NCFKF	316SS		260-000010-000
PS-4547	3-5/8	R	3	5.125	NCFKP			020-000300-004
<b>FRICK CO.</b>								
PS-492-CMS	2-3/8	C	1	3.250	BCFKF		80BA2-47	
PS-4028	2-7/8	K	3 Special	4.500	NCFGF		MRI-90	
<b>FULLER COMPRESSOR</b>								
PS-4547	3-5/8	R	3	5.125	NCFKP			C-175-200

Value Guard Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FYBROC® (Div. of MET-PRO CORP.)</b>								
FA-9012	1/2	W	—	—	TCF-F	316SS		760P04-777
VG-81375	1-3/8	VGXB2	Special	2.682	X/TCFJF	316/HC		08976C010
VG-81376	1-3/8	VGXB2	Special	2.682	X/TCFLF	316/HC		08976C100
PS-8132	2-1/8	X Dbl.	3	2.875	VCFJF	316SS/S		08931C0402
PS-8702	2-1/8	XT Spec.	3	2.875	VCFJF	316SS/S		08931C0102
VG-82125	2-1/8	VGXB2	Special	3.555	X/TCFJF	316/HC		08975C010
VG-82126	2-1/8	VGXB2	Special	3.555	X/TCFLF	316/HC		08975C070
PS-8701	2-7/8	XT Dbl.	3	3.750	V/TCFJF	316SS/S		08973C0102
VG-82875	2-7/8	VGXB2	Special	4.475	X/TCFJF	316/HC		08974C010
VG-82876	2-7/8	VGXB2	Special	4.475	X/TCFLF	316/HC		

**Value Guard Type VGXB2**

- Multi-spring
- Outside mounted
- Full clamp flush design mating ring



**VG-82126**

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GALION</b>								
FA-1520	3/4	C	—	—	BCF-F			
FA-1700	1	C	—	—	BCF-F			
<b>GARDNER DENVER</b>								
PS-441	3/4	B	9	—	BMFKF	A		60BN-1
PS-373	3/4	C	1	1.375	BCFKF			60AY-10
PS-360	1	A	1	1.625	BCFJF			60BT-11
PS-370	1	A	1	1.625	BCFKF			60BT-1
PS-357V	1	C	3	1.625	VCFKF	S		
PS-3240	1	C	3	1.812	VCFKF			60DD-79
PS-236	1	E	1	1.625	BCFKF			60AY-2, 16 & 18
PS-605	1-1/8	D	1	1.750	BCFKF			60BC-10
PS-384	1-1/8	E	1	1.750	BCFKF			60AY-11 & 13
PS-3173	1-1/4	C	3	1.875	VCFKF	S		60DD-591
PS-383	1-1/4	D	1	1.875	BCFKF			60BC-3
PS-6036	1-1/4	D	2	1.875	VCPFP			60DD-597
PS-186	1-3/8	D	1	2.000	BCDKF			60BC-14
PS-6048	1-3/8	D	3	2.000	VCPSP			60DD-594
PS-354	1-3/8	E	1	2.000	BCFJF			
PS-7367	1-7/16	C	Special	2.718	VCFGF			60DD-52
PS-6055	1-7/16	E	28	2.718	VCPGP			60DD-105
PS-6056	1-7/16	X	27 Special	2.718	VCFSF	316SS		60DD-593
PS-382	1-1/2	D	1	2.125	BCFJF			
PS-371	1-1/2	D	1	2.125	BCFKF			

**NOTE:** A. MOUNTS ON SHAFT  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GARDNER DENVER (continued)</b>								
PS-374	1-1/2	E	1	2.125	BCFKF			60AY-21
PS-239V	1-5/8	C	3	2.375	VCFKF	S		60BC-25
PS-6005	1-5/8	C	3	2.375	VCFKF			60DD-86
PS-6075	1-5/8	D	3	2.375	VCPSP			60DD-592
PS-312V	1-7/8	C	3	2.625	VCFKF	S		60DD-98
PS-593	1-7/8	D	3	2.625	BCDKF	S		60BC-9, 12
PS-6094	1-7/8	D	3	2.625	VCPSP	S		60DD-599
PS-2070	1-7/8	E	1	2.625	BCFKF			60AY-20
PS-1676V	2-1/4	C	3	3.125	VCFKF	S		60DD-104
PS-3955	2-1/4	C	27 Special	3.125	VCFGF			60DD-53
PS-5358	2-1/4	D	3	3.125	Special			60DD-595
PS-351	2-1/4	E	1	3.125	BCDKF			60AY-15
PS-463	2-1/2	D	3	3.375	BCDKF	S		60BC-8
PS-6154	2-3/4	C	27	4.406	VCFGF			60DD-54
PS-6174	3	E	3	3.875	VCDGP			00519056 0030
PS-8700	3-3/4	X	27	5.421	VCFSF	316SS		60DD-602
<b>GARDNER DENVER LEROI</b>								
PS-687V	7/8	C	3	1.500	VCFKF			125.907
PS-460V	1	D	3	1.625	VCFKF	S		125.988
PS-598	1-1/4	C	3	1.875	BCFKF			125.775
PS-4431	1-1/4	D	3	1.875	VLFLF			125.9831
PS-467	1-3/8	C	1	2.125	BCFKF			
PS-210V	1-3/8	C	3	2.000	VCFKF	S		125.940
PS-371V-SC-SC	1-1/2	D	3	2.125	VLFLF	S		125.9821
PS-1676V	2-1/4	C	3	3.125	VCFKF	S		125.927
PS-6002	2-5/8	D	3	3.375	VCFKF	S		125.848
PS-6155	2-3/4	C	3	3.500	VCFKF	S		125.711
<b>GARWOOD INDUSTRIES</b>								
PS-303	7/8	D	1	1.500	BCDKF			206556
PS-227	1	D	1	1.750	BCFKF			
PS-210	1-3/8	C	1	2.000	BCFKF			2016264
FA-186	1-3/8	D	—	—	BCD-F			2039056
<b>GE OSMONICS</b>								
PS-4272	5/8	C	1	1.250	BCFJF	316SS		1113515
PS-552-EPR-P66	5/8	C	3	1.250	QCFJF	I		1114630
PS-3148	5/8	E	3	1.250	BCFJF			1113517
PS-548	1	C	3	1.625	BCFJF	S		1121167
PS-235V	1	C	3	1.625	VCFJF	S		
PS-791	1	E	3	1.625	BCFKF	S		1114326
PS-3129	1	E	3	1.625	QCFZF			1201945
PS-2047V	1-3/8	D	3	2.000	VCFJF	S		3011311
<b>GEARMASTER</b>								
PS-1043	1/2	C	1	1.000	BMFJF			A34-3970
<b>GECKO ALLIANCE, INC.</b>								
PS-200	5/8	A	1	1.250	BMFJF		Circ-Master®, Dominator® High Head Dominator® Medium Head Flo-Master® Pond-Flo, Tub-Master®	92500150 92500151
PS-200-EPR	5/8	A	1	1.250	QCFJF			92502020 & 92501000
PS-200V-CMS	5/8	A	1	1.250	VCFJF			92500152
PS-2131	5/8	A	31	—	BMFJF	G	Flo-Master®, Tub-Master®	91049000
FA-642	5/8	B	—	—	BMF-F			
PS-1000	5/8	B	1	1.250	BMFJF		A, B and D Series A, C and D Series, Dominator® High and Medium head – pre 1995	92509040 92500050
PS-1021	5/8	B	8	—	BMFJF	A	K-81159 PU10	
PS-201	3/4	A	1	1.375	BMFJF			
PS-309	7/8	C	1	1.500	BCFJF		AC Series	92500000
PS-774	7/8	C	3	1.500	BCFV/JF			
PS-361	1-1/4	E	1	1.875	BCFJF			
<b>GECO SALES</b>								
PS-1000	5/8	B	1	1.250	BMFJF			



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GENERAL MOTORS CORP. (GMC)</b>								
FA-642	5/8	B	—	—	BMF-F			5121751
FA-1350	5/8	C	—	—	BCF-F			5186571
PS-752	3/4	D	1	1.375	BCDKF			5186113
PS-192	1-1/2	C	3 Special	2.125	NCFGF			
<b>GENERAL PUMP</b>								
PS-200	5/8	A	1	1.250	BMFJF			
PS-810	5/8	C	1	1.250	N/BCFJF	B		
<b>GEORGIA PACIFIC PUMP</b>								
PS-200	5/8	A	1	1.250	BMFJF			
<b>GG INDUSTRIES</b>								
PS-200	5/8	A	1	1.250	BMFJF			
FA-642	5/8	B	—	—	BMF-F			
PS-1000	5/8	B	1	1.250	BMFJF			P-Seal 4 / P-Seal 5 Mark III
<b>GILBARCO VEEDER-ROOT</b>								
PS-1000	5/8	B	1	1.250	BMFJF			K81159X
PS-756	1-1/4	C	1	1.875	BCFKF			K74050X
PS-514	1-5/8	D	1	2.375	BCDJF			
PS-461	1-5/8	D	1	2.375	BCDKF			
<b>GLT, INC.</b>								
PS-6313	1/2	Q	1	1.019	BCFJF			185694-1
PS-1085V	5/8	C	1	1.250	B/VCFJF	B		114696
PS-6318	1-1/8	Q	9	1.578	VMFAF			117071
<b>GORMAN-RUPP CO.</b>								
FA-10	1/2	B	—	—	BMF-F		Seat is Impeller	S8243-4
PS-788	1/2	B	1	1.000	BMFKF			
PS-106	1/2	C	1	1.000	BCFKF			25271-801
PS-106V	1/2	C	1	1.000	VCFKF			25271-802
FA-62	5/8	A	—	—	BCF-F			12873-002
PS-200	5/8	A	1	1.250	BMFJF			5756, S1531, 12874-010
PS-507	5/8	A	1	1.250	BMFKF			
FA-3300	5/8	B	—	—	BCF-F			08243-12
PS-2804	5/8	B	1	1.250	VCFJF			25271-412
PS-118	5/8	C	1	1.187	BCFJF			S809
PS-359	5/8	C	1	1.250	BCFJF			25271-824
PS-1080	5/8	C	1	1.250	NCFKF			25270-113
PS-3121	5/8	C	1	1.250	VCFKF	I		25271-821
PS-1045	5/8	C	3	1.250	VCFJF			
PS-508	5/8	D	1	1.250	BCDJF			S217
PS-795	5/8	S	8	1.187	NAPSP			GS-625
PS-851	3/4	A	1	1.375	BCFJF			S1190
PS-601	3/4	B	1	1.375	BMFJF		83E-F13	26822-008
FA-564	3/4	C	—	—	BCF-F			S32
PS-358	3/4	C	1	1.375	BCFJF			S936, S1575
PS-112	3/4	C	1	1.375	BCFKF			S1679
PS-358V-CMS	3/4	C	1	1.375	VCFJF			25271-850
PS-373V	3/4	C	1	1.375	VCFKF			25271-021
PS-112V	3/4	C	3	1.375	VCFKF	H		25271-841
PS-5728	3/4	C	3	1.375	VLFLF			25284-921
PS-750	3/4	D	1	1.375	BCDJF		82T-A8	S383
PS-752	3/4	D	1	1.375	BCDKF		82T-A8	
PS-792	3/4	S	8	1.500	NAPSP			GS-750
PS-309V-CMS	7/8	C	1	1.500	VCFJF			25271-853
PS-617	7/8	C	3	1.500	BCFKF			25271-159, 25271-855
PS-687V	7/8	C	3	1.500	VCFKF	H		25271-851
PS-2027V	7/8	D	3	1.500	VCFKF			
PS-360	1	A	1	1.625	BCFJF			S2147
FA-1700	1	C	—	—	BCF-F			S237
PS-235	1	C	1	1.625	BCFJF			S1832, S1906
PS-357	1	C	1	1.625	BCFKF			
PS-499	1	C	3	1.625	BCFKF	S		25271-869
PS-357V	1	C	3	1.625	VCFKF	S		25271-870
PS-380	1	D	1	1.625	BCFJF			S1415
PS-460	1	D	1	1.625	BCFKF			S363, S364

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GORMAN-RUPP CO. (continued)</b>								
PS-4253	1	DB	3	1.500	VCFKF	316SS		25276-251
PS-236	1	E	1	1.625	BCFKF			
PS-791	1	E	3	1.625	BCFKF	S		S388
PS-557	1	E	3	1.625	B/VCFJF	S		25271-032
PS-793	1	S	8	1.750	NAPSP		13A2-B	GS-1000
FA-6987	1	W	---	---	TCF-F	316SS		25275-333
PS-9018	1	W	27	2.156	TCFJF	316SS		S1212
FA-1800	1-1/8	C	—	—	BCF-F			92055-1112
PS-867	1-1/8	E	3	1.750	BCFKF	S		25271-039
PS-867V	1-1/8	E	3	1.750	VCFKF	S		25271-037
PS-756	1-1/4	C	1	1.875	BCFKF			S1621
PS-185-EPR	1-1/4	C	1	1.875	QCFJF			25271-893
PS-598	1-1/4	C	3	1.875	BCFKF			25271-889
PS-185V	1-1/4	C	3	1.875	VCFJF	S		25271-888
PS-756V	1-1/4	C	3	1.875	VCFKF			25271-836, 25271-886
PS-381	1-1/4	D	1	1.875	BCFJF			S321
PS-383	1-1/4	D	1	1.875	BCFKF			S37, S493
PS-517	1-1/4	D	3	1.875	BCFKF			S493C
PS-981	1-1/4	D	3	1.875	BCFKF			S321A
PS-3685	1-1/4	D	3	1.875	VCFKF	H		25271-192
PS-361	1-1/4	E	1	1.875	BCFJF			S335
PS-137	1-1/4	E	1	1.875	BCFKF			S350
PS-546	1-1/4	E	3	1.875	BCFV/JF	S		42029, 25271-044
PS-137V	1-1/4	E	3	1.875	VCFKF			
PS-4396	1-1/4	E	3	1.875	VCFKF	316SS		25271-043
PS-6259	1-1/4	G	1	1.875	VCFJF	316SS		25276-633
PS-794	1-1/4	S	8	2.125	NAPSP		14C2B	GS-1250
PS-9719	1-1/4	W	3	1.875	T/VCFKF	316SS		25271-743
PS-2234	1-7/16	E	3	2.062	BCFKF			25271-051
PS-2234V	1-7/16	E	3	2.062	VCFKF			25271-056
PS-758	1-1/2	C	1	2.125	BCFJF			S1150
PS-553	1-1/2	C	3	2.125	BCFKF			25271-907
PS-659V	1-1/2	C	3	2.125	VCFKF		Do Not Use Springholder	25271-903
PS-5727	1-1/2	C	3	2.125	VRFRF	316SS		25284-961
PS-382	1-1/2	D	1	2.125	BCFJF		Do Not Use Springholder	25271-215
PS-371	1-1/2	D	1	2.125	BCFKF			S283, S317, S774
PS-534	1-1/2	D	3	2.125	BCFKF			
PS-371V	1-1/2	D	3	2.125	VCFKF			25271-207
PS-7079	1-1/2	D	28	2.375	VZFZF			12364A
PS-374	1-1/2	E	1	2.125	BCFKF			S239
PS-9318	1-1/2	W	27	2.781	TCFJF	316SS		S1681
PS-8002	1-1/2	X Special	3	2.125	BCFJF	S		25271-554
PS-544	1-5/8	C	3	2.375	BCFKF	S		25271-922
PS-239V	1-5/8	C	3	2.375	VCFKF	S		25271-921
PS-2058	1-5/8	E	1	2.375	BCFKF			25271-061
PS-1683	1-5/8	E	3	2.375	BCFJF	S		25271-064
PS-446	1-3/4	C	1	2.500	BCFJF			S1822
PS-2212	1-3/4	C	1	2.500	BCFJF			25271-947
PS-446V-CMS	1-3/4	C	1	2.500	VCFJF			25271-942
PS-436	1-3/4	C	3	2.500	BCFKF	S		25271-943
PS-267	2	C	1	2.750	BCFJF			25271-971
PS-267V-CMS	2	C	1	2.750	VCFJF			
PS-332	2	C	3	2.750	BCFKF	S		S1929
PS-1145	2	C	3	2.750	VCFKF	S		25271-983
PS-3142	2	D	3	2.750	VZFLF	316SS/S		26835-545
PS-1688	2-1/4	E	3	3.125	BCFJF	S		25271-095
PS-463	2-1/2	D	3	3.375	BCDKF	S		
PS-3888	2-1/2	D	3	3.375	VZFLF			26835-541
PS-349V-TC-SC	2-1/2	E	3	3.375	VZFLF	S		26835-544, 26835-546
PS-6219	3	D	3	3.875	BZFLF			26835-548
PS-4033	3	D	3	3.875	VZFLF	S		26835-542
PS-3180	3-1/4	C	3	4.125	VCFJF			25271-994

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Size	Head	Mating Ring	Mating Ring OD	Material Code	Pump Nameplate Data	Mfg. Part No.
<b>GORMAN-RUPP CO. - S SERIES - Submersible Pump</b>							
<b>Seals in the S-Series do not include Pump Sleeve, O-Ring or Impeller Shim Kit.</b>							
VG-3011	1	VGR	Special	Special	BZFZF	S3A1	46512-044
VG-7101	1-1/2	VGD	Special	Special	VZFZF	S4A1, S4B1, S6C1	12430
PS-382	1-1/2	D	1	2.125	BCFJF	Use for Upper Seal	S1934
VG-7101	1-1/2	VGD	Special	Special	VZFZF	S6B1, S8A1, S8B1	12430A
PS-382	1-1/2	D	1	2.125	BCFJF	Use for Upper Seal	S1934
VG-7102	1-3/4	VGD	Special	Special	VZFZF	S8C1	46512-055
PS-2212	1-3/4	C	1	2.500	BCFJF	Use for Upper Seal	25271-947

Value Guard Part No.	Shaft Size	Head	Mating Ring	Mating Ring OD	Material Code	Pump Nameplate Data	Mfg. Part No.
<b>GORMAN-RUPP CO. - T SERIES - Self Priming Pump</b>							
VG-7080	1-1/4	VGD	Special	Special	VLZFZ	T3, T4, T6	
VG-7079	1-1/4	VGD	Special	Special	VZFZF	T3, T4, T6	46512-047, 12364A
VG-7094	1-1/4	VGDU	Special	Special	VLFLF	T3, T4, T6	46513-151
VG-7095	1-1/4	VGDU	Special	Special	VZFZF	T3, T4, T6	46513-150
VG-7082	1-1/2	VGD	Special	Special	VLFLF	T8	
VG-7081	1-1/2	VGD	Special	Special	VZFZF	T8	
VG-7182	1-1/2	VGDU	Special	Special	VLFLF		46513-154

**Features:**

- Tungsten Carbide and Silicon Carbide faces for severe abrasive service.
- Solid drive band extends seal life during periods of vibration and cavitation.
- Full convolution elastomer bellows for maximum self aligning capabilities.
- Pump sleeve, o-ring and impeller shim kit supplied for ease of installation.



**Type VGD**



**Type VGDU**

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GOULDS PUMPS (Div. of ITT INDUSTRIES)</b>								
PS-1002	1/2	C	1	1.000	BCFJF		Fig. 3604	742070050
PS-631	1/2	C	1	1.000	BCFJF	N		
PS-1002V	1/2	C	1	1.000	VCFJF			742080050, 742090050
PS-4240	5/8	A	1	1.187	BCFJF			10K10, 10K121
PS-518-SC-SC	5/8	A	1	1.187	BLFLF			10K63
PS-702	5/8	A	1	1.187	BMFJF		Balanced Flow BF-03 Series G, LD, LS, M, O, XS05 15, 20, 30, 50 Jetomatic Fig. 3642, 3672, 3742 10K1, 10K6, 20831100	704705062, 725981062
PS-4462	5/8	A	1	1.187	BMFJF			10K2
PS-701	5/8	A	1	1.187	BMFKF		Balanced Flow BF-03 Figs. 3628, 3638, 3642, 3648, 3728 3738, 3742, 3748, 3788, 3811	725983062
PS-702-EPR	5/8	A	1	1.187	QCFJF			10K110, 725988082
PS-702V	5/8	A	1	1.187	VCFJF			
PS-3977	5/8	A	1	1.187	VLFLF			10K105, 10K120 3481008, 725987062
PS-200V-SC-SC	5/8	A	1	1.250	VLFLF			
PS-600	5/8	B	1	1.187	BMFJF		Fig. 3231	
PS-700	5/8	B	1	1.187	BMFJF		Fig. 3631	10K7
PS-1000V	5/8	B	3	1.250	VCFJF			696-0442
PS-3926	5/8	B	9	1.062	VCFKF	316SS		10K127
PS-411V	5/8	B	11	—	VCFJF	A		10K20
PS-1155	5/8	C	1	1.187	BCFJF			

**NOTE:** A. MOUNTS ON SHAFT  
N. NON-STANDARD SPRING HOLDER

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GOULDS PUMPS (Div. of ITT INDUSTRIES) (continued)</b>								
PS-493	5/8	C	1	1.187	BCFKF		3371 and 3377 Multi Stage	10K3
PS-4222	5/8	C	1	1.187	QCFLF	316SS/H		920551062
PS-3201	5/8	C	1	1.187	QCFLF	316SS/H	Light Spring Load	10K18
PS-3707	5/8	C	1	1.187	QLFLF	316SS/H		10K81
PS-1155V	5/8	C	1	1.187	VCFJF			
PS-4031	5/8	C	1	1.187	VCFLF	316SS/H		10K46, 10K55
PS-4226	5/8	C	1	1.187	VLFLF	316SS/H		10K62
PS-2701	5/8	D	3	1.250	VCFZF	316SS		278C957SL
PS-6267	5/8	G	1	1.187	QLFLF	316SS		A00576C1
VG-9661	5/8	Special	25	1.060	QCFLF			10K171
VG-9622	5/8	Special	25	1.060	QLFLF			10K175
VG-9660	5/8	Special	25	1.060	VCFLF			10K169
VG-9662	5/8	Special	25	1.060	VLFLF			10K173
FA-201	3/4	A	—	—	BMF-F			7501000
PS-750	3/4	D	1	1.375	BCDJF			10K4
PS-3996	7/8	C	1	1.500	VCFLF			10K40, 764072087
PS-703	7/8	D	1	1.500	BCDJF		XS15,20,50 Aqua Lawn Jetomatic 3629, 3639, 3649, 3678, 3729, 3739, 3749 and 3789	10K8
PS-303	7/8	D	1	1.500	BCDKF			704704087
FA-10037	1	C	—	—	VCF-F			4135500000
PS-235	1	C	1	1.625	BCFJF			10K12, 84001-2
PS-754	1	E	1	1.625	BCFJF		3169M, 3450, 3650 3655, 3750S, 3755	707831100
PS-236	1	E	1	1.625	BCFKF			691272100
PS-557	1	E	3	1.625	B/VCFJF	S		916661000, 916701000
PS-3976	1	E	3	1.625	VCFJF	316SS	3655 / 3755S	
PS-8020	1	XB2	3 Special	1.750	VCFJF	316SS		
PS-710	1-1/16	E	1	1.750	BCFJF		3405, 3305S	707833106
PS-356	1-1/8	C	1	1.750	BCFJF		3643	10K21
PS-355-SC-SC	1-1/8	C	1	1.750	BLFLF			10K28
PS-356-SC-TC	1-1/8	C	1	1.750	BLFZF			10K22
PS-588	1-1/8	C	3	1.750	BCFKF	B/S	3643	10K9, 764071112
PS-185	1-1/4	C	1	1.875	BCFJF		3656	9152071001
PS-4463	1-1/4	C	1	1.875	BCFJF	316SS		10K13
PS-2208	1-1/4	C	1	1.875	BZFZF			9152071002
PS-4464	1-1/4	C	1	1.875	QCFLF	316SS		
PS-3131	1-1/4	C	1	1.875	QCFLF	316SS/H		10K19, 764070125
PS-3062	1-1/4	C	1	1.875	QLFLF	316SS		10K126, 764071125
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			10K25, A06101A02
PS-3538	1-1/4	C	1	1.875	VCFLF	316SS		10K27, 764078125
PS-4176	1-1/4	C	1	1.875	VCFZF	316SS		A06101A07
PS-4101	1-1/4	C	1	1.875	VLFLF	316SS		
PS-4150	1-1/4	C	1	1.875	VLFLF	316SS/H		10K64, 10K188
PS-4321	1-1/4	C	3	1.875	XLFLF	316SS		
PS-3215	1-1/4	C	25	2.261	VLFLF	B		46075200000
PS-510	1-1/4	D	1	2.000	BCFJF			51010
PS-361	1-1/4	E	1	1.875	BCFJF		3460	
PS-2128	1-1/4	E	3	1.875	BCFJF	S	3316-3405 Group S	
PS-2129	1-1/4	E	3	1.875	BCFKF			
PS-3288	1-1/4	EB	3	1.750	VCFZF	316SS	3316-3405 Group S	
PS-177	1-3/8	C	1	2.000	BCFJF			
PS-7919	1-3/8	C	3	2.000	B/VLFLF			43350000000
PS-4194	1-3/8	D	1	2.000	VLFLF			A05616E000
PS-354	1-3/8	E	1	2.000	BCFJF		3345, 3320	
PS-677	1-3/8	E	1	2.000	BCFKF			
PS-864	1-3/8	E	3	2.000	BCFJF	S	3196ST	
PS-865	1-3/8	E	3	2.000	BCFKF	S	3196ST	
PS-3901	1-3/8	E	3	2.000	VCFJF	316SS C/H/S		A04710A01
PS-3205	1-3/8	E	3	2.000	VCFLF	316SS C/H/S		
PS-4574	1-3/8	E	3	2.000	VCFZF	316SS C/S	3196ST	
PS-3086	1-3/8	G	3	2.000	QCFLF	316SS/S	3355	
PS-4515	1-3/8	T	3	2.000	VCFJF	316SS/S	3196ST	
FA-9328	1-3/8	WT	—	—	TCF-F	316SS		904320001

# PUMP MANUFACTURERS' CROSS-REFERENCE


U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GOULDS PUMPS (Div. of ITT INDUSTRIES) (continued)</b>								
PS-8135	1-3/8	X1T	3	2.000	QCFJF	316SS/S		
PS-705	1-7/16	E	3	2.062	BCFJF		3405M, 3305M	707833143
FA-10167	1-1/2	E	—	—	BCF-F	I		916710001
PS-305	1-1/2	E	1	2.125	BCFJF		3169, 3650, 3655, 3750 For Group M and K, 2-1/2" 3430	707831150
PS-374	1-1/2	E	1	2.125	BCFKF			
PS-395	1-1/2	E	3	2.125	BCFJF	S		776A9082
PS-4476	1-1/2	EB	3	2.125	VCFJF		3755M	
PS-8109	1-1/2	XB2	3 Special	2.125	VCFJF	316SS		
PS-4597	1-5/8	C	1	2.375	BCFJF			10K16
PS-238-EPR-SC	1-5/8	C	1	2.375	QCFLF			10K20
PS-238V-CMS	1-5/8	C	1	2.375	VCFJF			10K26
PS-238V-SC-CMS	1-5/8	C	1	2.375	VCFLF			10K45
PS-7806	1-5/8	C	1	2.375	VLFLF			10K65, 10K189
PS-818	1-5/8	C	3	2.375	BCFJF	S		4516200000 4698300000
PS-238V	1-5/8	C	3	2.375	VCFJF	S		4698400000
PS-238V-SC-SEAT	1-5/8	C	3	2.375	VCFLF	S		A05632E000
PS-544V-SC-SC	1-5/8	C	3	2.375	VLFLF	S		10K186
PS-7497	1-5/8	C	25	2.500	B/VCFJF			A05669E000R
PS-7497V	1-5/8	C	25	2.500	VCFJF			A05670E000
PS-8071	1-5/8	XB1T	3	2.062	VCFZF	316SS	3316, 3405 Group M	
FA-1660	1-3/4	C	—	—	BCF-F			92055 1175
PS-446	1-3/4	C	1	2.500	BCFJF		10K181-See PS-267 for Upper Seal	10K157, 9152091001
PS-446-SC-SC	1-3/4	C	1	2.500	BLFLF			10K31
PS-446V-CMS	1-3/4	C	1	2.500	VCFJF			9152091003
PS-3718	1-3/4	C	3	2.500	BCFJF	S		10K82
PS-3719	1-3/4	C	3	2.500	B/VLFZF	S		10K83
PS-4884	1-3/4	C	3	2.500	VCFJF	316SS/S		47134000000
PS-4487	1-3/4	D	1	2.500	VLFLF	316SS		A05620E000
PS-1684	1-3/4	E	3	2.312	BCFJF		3316, 3405 Group M	
PS-4326	1-3/4	E	3	2.312	VCFJF	316SS C/S		
PS-4149	1-3/4	E	3	2.312	VCFZF	C/S	3316, 3405 Group M	
PS-535	1-3/4	E	3	2.500	BCFJF	S	3196MT - 3735/36M	
PS-262	1-3/4	E	3	2.500	BCFKF	S		
PS-3726	1-3/4	E	3	2.500	B/VCFJF	C/H/I/S	3196MT	
PS-3902	1-3/4	E	3	2.500	VCFJF	316SS C/H/S	3196MT	A04754A01, 90161 1006
PS-4136	1-3/4	E	3	2.500	VCFLF	316SS C/S		A04754A02
PS-7560	1-3/4	E	3	2.500	VCFZF	316SS C/S		
PS-1078	1-3/4	E	27	3.000	BCFJF		3316-3405M	
PS-4096	1-3/4	EB	3	2.500	VCFLF	316SS C/S		
PS-3123	1-3/4	T	3	2.500	VLFLF/ VCFLF	316SS/S		
PS-3754	1-3/4	V	3	2.750	BCFJF			43424000000
PS-8800	1-3/4	X1T	3	2.500	VCFLF	316SS/S		A04757A02
PS-8063	1-3/4	X1T	3	2.500	VCFZF	316SS/S	3196MTX	
PS-9014	1-3/4	WT	27	2.969	TCFJF	316SS	3196MT	
PS-267	2	C	1	2.750	BCFJF		10K181-Upper Seal 10K182-Lower Seal See PS-446 for Lower Seal	9152101002
PS-2219	2	C	1	2.750	BZFZF			9152101001
PS-6218	2	C	1	2.750	VZFZF			9152101004
PS-3993	2	C	3	2.750	BCFJF	S		10K142, 764074200
PS-4239	2	C	3	2.750	BCFJF	H/S		10K84
PS-3721	2	C	3	2.750	BLFZF	S		10K85, 764079200
PS-267V-SC-SC	2	C	3	2.750	VLFLF	S		43434000000
PS-3066	2	D	1	2.750	VLFLF			A05622E000
PS-707	2-1/16	E	3	2.875	BCDKF		3305, 3306, 3405, 3406 Group L	
PS-3897	2-1/8	E	3	2.875	VCFJF	316SS C/S	3196LT	A05166A01
PS-1679	2-1/4	C	1	3.125	BCFJF			9152111001
PS-848	2-1/4	E	3	3.125	BCDJF	S		
PS-849	2-1/4	E	3	3.125	BCDKF	S		
PS-3067	2-1/4	E	3	3.125	BCFZF	316SS	3405-3316 Group L	

**NOTE:** C. COMPLETE WITH COLLAR  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GOULDS PUMPS (Div. of ITT INDUSTRIES) (continued)</b>								
PS-3951	2-1/4	E	27	3.906	VCFKF		3405L 10X12-14	
PS-3806	2-1/2	E	3	3.250	VCFJF	316SS/C		
PS-3206	2-1/2	E	3	3.250	VCFLF	316SS		
PS-4466	2-1/2	E	3	3.250	VZFLF	316SS/C	3196XLTX	
PS-3059	2-3/4	E	3	3.500	QCFLF	316SS/C	3410L	
PS-4089	2-3/4	E	3	3.500	VCFLF	316SS	3410L	261C677SL
PS-4544	2-3/4	E	3	3.500	VLFLF	316SS	3410L	
PS-5737	2-7/8	EB	3	3.500	BCFJF	S		52-161-211-808
PS-2153-CMS	3	C	1	3.875	BCFJF			9152141001
PS-4481	3	C	3	3.875	VZFZF			9152141006
PS-3050	3-1/4	EB	3	3.875	BCFJF		3410XL	
PS-8104	3-3/4	X	3	4.625	VCFJF	316SS/S		
PS-8055	3-7/8	X	3	4.750	VCFJF	316SS I/S	3409 (AC9100)	52-240-979-001
PS-8060	4-3/8	X	3	5.375	VCFKF	316SS/S	3415 Group M	

Value Guard Part No.	Seal Size	Head	Mating Ring	Material Code	Notes	Mfg. Part No.
<b>GPM, INC. (Eliminator)</b>						
VGM-8500	40 MM	VGMHD	3	VLFLF		30154-050
VGM-1969	50 MM	VGMHD	3	VLFLF		
VGM-2362	60 MM	VGMHD	3	VLFLF		
VGM-2756	70 MM	VGMHD	3	VLFLF		84-40404-050 84-60406-040 84-BCLH4-050
VGM-3250	3-1/4	VGMHD	3	VLFLF		



**Type VGMHD**

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GRAHAM ENGINEERING CORP.</b>								
PS-1688	2-1/4	E	3	3.125	BCFJF	S		65100021
<b>GRAINGER (See TEEL PUMP)</b>								
<b>GRISWOLD PUMP CO.</b>								
PS-2122	1-1/4	C	1	1.875	BCFJF			10036903
PS-2123V-CMS	1-1/4	C	1	1.875	VCFKF			10036903CNV
PS-7805	1-1/4	C	1	1.875	VLFLF			10036903SSV
PS-3218	1-3/8	E	3	2.000	BCFJF	316SS C/H/S		22049-2-1
PS-3901	1-3/8	E	3	2.000	VCFJF	316SS C/H/S		22049-4-1
PS-3205	1-3/8	E	3	2.000	VCFLF	316SS C/H/S		22049-7-1
PS-4574	1-3/8	E	3	2.000	VCFZF	316SS/C/S		22049-6-1
PS-9021	1-3/8	WT	3	2.000	T/VCFJF	316SS/S		22045-1-1
PS-9706	1-3/8	WT	3	2.000	T/VCFKF	316SS/S		22045-2-1
PS-758	1-1/2	C	1	2.125	BCFJF			
PS-446	1-3/4	C	1	2.500	BCFJF			10037002
PS-448V-CMS	1-3/4	C	1	2.500	VCFKF			10037002CNV
PS-3271	1-3/4	C	1	2.500	VLFLF	S		10037000SSV
PS-6217	1-3/4	D	1	2.500	VZFLF	316SS		10037000STV
PS-3726	1-3/4	E	3	2.500	B/VCFJF	C/H/I/S		22163-1-1
PS-3902	1-3/4	E	3	2.500	VCFJF	316SS C/H/S		22163-4-1
PS-3637	1-3/4	E	3	2.500	VCFKF	C/S		22163-5-1
PS-4136	1-3/4	E	3	2.500	VCFLF	316SS/C/S		22163-7-1
PS-7560	1-3/4	E	3	2.500	VCFZF	316SS/C/S		22163-6-1
PS-9023	1-3/4	WT	3	2.500	T/VCFJF	316SS/S		22057-1-1
PS-9064	1-3/4	WT	3	2.500	T/VCFZF	316SS/S		22057-3-1
PS-4243	2-1/8	E	3	2.875	BCFKF	316SS/C/S		22175-2-1
PS-3897	2-1/8	E	3	2.875	VCFJF	316SS/C/S		22175-4-1

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GRUNDFOS, INC.</b>								
PS-4027	5/8	A	1	1.250	QCFJF		JP5	465126
PS-200V-CMS	5/8	A	1	1.250	VCFJF			98833732
PS-4424	5/8	A	1	1.250	VCFJF		JP5	465133
PS-1618	5/8	C	1	1.250	BCFJF	B		91868262, 14032695
FA-64	3/4	A	—	—	BCF-F			91867994
PS-768	3/4	C	3	1.375	BCFKF			91868257
PS-112V	3/4	C	3	1.375	VCFKF			91868215
FA-756	1-1/4	C	—	—	BCF-F			91868171
PS-185	1-1/4	C	1	1.875	BCFJF			91868317
PS-2122	1-1/4	C	1	1.875	BCFJF			91868265
PS-2122V	1-1/4	C	3	1.875	VCFJF	S		96748363
PS-1109V	1-1/4	C	3	1.875	VCFKF			91868217
FA-189	1-1/4	E	—	—	BCF-F			91868030
PS-361-P66	1-1/4	E	1	1.875	BCFJF	I		91867954
PS-1183-P66	1-1/4	E	3	1.875	BCFKF	I		91867962
PS-137V-P66	1-1/4	E	3	1.875	VCFKF	I		91867976
PS-3974	1-3/8	DB	1	1.875	BCFJF			91867955
FA-1850	1-1/2	C	—	—	BCF-F			91868172
FA-305	1-1/2	E	—	—	BCF-F			91868014
FA-1660	1-3/4	C	—	—	BCF-F			91868173
FA-10045	1-3/4	C	—	—	VCF-F			91868252
PS-2142	1-3/4	C	1	2.500	BCFJF			14032700, 91868269
PS-2151	1-3/4	C	3	2.500	BCFKF	S		91868260
PS-2151V	1-3/4	C	3	2.500	VCFKF	S		91868219
PS-2151V-TC-SEAT	1-3/4	C	3	2.500	VCFZF	S		91868230
FA-366	1-3/4	E	—	—	BCF-F			91868003, 91868293
PS-205	1-3/4	E	1	2.500	BCFJF			91867956
PS-205V-CMS-P66	1-3/4	E	1	2.500	VCFJF	I		96702875
PS-535	1-3/4	E	3	2.500	BCFJF	S		96909436
PS-262	1-3/4	E	3	2.500	BCFKF	S		91867963
PS-449	1-3/4	K	1	2.500	BCFJF			91868291
PS-674	1-3/4	T	1	2.500	BCFJF			91868024
FA-2000	2	C	—	—	BCF-F			91868174
PS-477-P66	2	E	3	2.750	BCFKF	I/S		91868207
FA-2250	2-1/4	C	—	—	BCF-F			91686175
PS-3537	2-1/4	C	1	3.125	BCFJF			91868272
PS-3041	2-1/4	C	3	3.125	BCFKF			91868261
PS-2711	2-3/8	R	3	3.250	BCFJF	S		91868448
PS-2708	2-3/4	C	3	3.500	VCFLF	S		96697120
FA-10144	3-1/4	EB	—	—	BCF-F			91868313
PS-4236	3-1/2	R	3	4.375	BCFJF			91868286

Value Guard Part No.	Seal Size	Head	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GRUNDFOS, INC.</b>						
<b>BELLOWS COMPONENT SEALS</b>						
VGMG-1300	12MM	VGM706B	QLFLF		CR2, CRN2(S), CR4, CRN4(S), CR8	405096
VGMG-1301	12MM	VGM706B	VLFLF		CR2, CRN2(S), CR4, CRN4(S), CR8	405347
VGMG-1302	12MM	VGM706B	VZFZF		CR2, CRN2(S), CR4, CRN4(S), CR8	405347TC
VGMG-1303	16MM	VGM706B	QLFLF		CR8, CRN8(S), CR16, CRN16(S)	425763
VGMG-1304	16MM	VGM706B	VLFLF		CR8, CRN8(S), CR16, CRN16(S)	425762
VGMG-1305	16MM	VGM706B	VZFZF		CR8, CRN8(S), CR16, CRN16(S)	425762TC
<b>O-RING COMPONENT SEALS</b>						
VGMG-1516*	12MM	VGM706D	VCFLF		SPK 1, 2, 4 & 8	
VGMG-1515	12MM	VGM706D	VLFLF			
VGMG-1400	12MM	VGM706E	VZFZF		Used in CNP-CDL Pumps	
VGMG-1401	16MM	VGM706E	VZFZF		Used in CNP-CDL Pumps	

\* Allows for easy installation where the impeller spline shaft can not be removed.



**Grundfos Type B  
Type VGM706B**



**Type VGM706D**

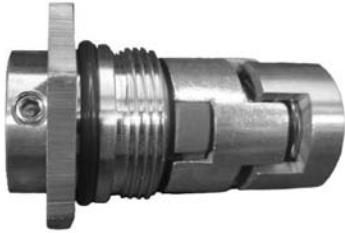


**Type VGM706E**

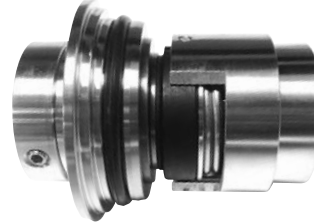
**NOTE:** B. TAPERED SPRING  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Size	Head	Material Code	Pump Nameplate Data	Mfg. Part No.
<b>GRUNDFOS, INC</b>					
<b>CARTRIDGE STYLE - Threaded Retainer</b>					
<b>CR, CR8, CRI, CRN3, CRN5, CRNE1, CRNE3-23HS</b>					
VGMG-1500	12MM	VGM706C	QCFZF		96455082
VGMG-1518	12MM	VGM706C	QLFLF		96455086
VGMG-1501	12MM	VGM706C	QZFZF		96455084
VGMG-1521	12MM	VGM706C	VCFLF		96455089
VGMG-1502	12MM	VGM706C	VCFZF		96455083
VGMG-1503	12MM	VGM706C	VLFLF		96455087
VGMG-1504	12MM	VGM706C	VZFZF		96455085
<b>CR, CRI, CRN10, CRN15, CRN20</b>					
VGMG-1505	16MM	VGM706C	QCFZF		96511836
VGMG-1519	16MM	VGM706C	QLFLF		96511844
VGMG-1506	16MM	VGM706C	QZFZF		96511840
VGMG-1507	16MM	VGM706C	VCFZF		96511837
VGMG-1508	16MM	VGM706C	VLFLF		96511845
VGMG-1509	16MM	VGM706C	VZFZF		96511841
<b>CARTRIDGE STYLE - Clamped Retainer</b>					
<b>CR, CRN32, CRN45, CRN64, CRN90</b>					
VGMG-1510	22MM	VGM706C	QCFZF		96416584
VGMG-1520	22MM	VGM706C	QLFLF		96525458
VGMG-1511	22MM	VGM706C	QZFZF		96433365
VGMG-1512	22MM	VGM706C	VCFZF		96525459
VGMG-1513	22MM	VGM706C	VLFLF		96525490
VGMG-1514	22MM	VGM706C	VZFZF		96436728



**Grundfos Type H  
Type VGM706C**



**Grundfos Type E  
Type VGM706C**

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GUSHER PUMPS</b>								
PS-164	1/2	B	9	—	BMFKF	A		
PS-1002	1/2	C	1	1.000	BCFJF			84076-3
PS-957	5/8	A	1	1.187	BCFJF			84081
PS-701V	5/8	A	1	1.187	VCFKF			84090
PS-359	5/8	C	1	1.250	BCFJF			84000-2, 84000-30
PS-359-EPR-CMS	5/8	C	1	1.250	QCFJF			84000-39
PS-1079	5/8	C	1	1.250	NCFJF			
PS-1080	5/8	C	1	1.250	NCFKF			
PS-3265	5/8	C	1	1.250	QLFLF			84000-36
PS-359V-CMS	5/8	C	1	1.250	VCFJF			84000-24
PS-359V-SC-CMS	5/8	C	1	1.250	VCFLF			84000-38
PS-633V-TC-SC	5/8	C	1	1.250	VZFLF			84000-29
PS-441	3/4	B	9	—	BMFKF	A		84082
PS-358V-TC-TC	3/4	C	1	1.375	VZFZF			84064-6
PS-309	7/8	C	1	1.500	BCFJF			84079-2
PS-3941	7/8	C	1	1.500	VLFLF			84079-9
PS-2026	7/8	D	3	1.500	B/VCFJF			84138-1
PS-370	1	A	1	1.625	BCFKF			84089
PS-235	1	C	1	1.625	BCFJF			84001-2, 84001-12
PS-235V-CMS	1	C	1	1.625	VCFJF			84001-10
PS-235V-SC-SC	1	C	1	1.625	VLFLF			84001-14
PS-2216V-CMS	1	C	1	1.625	VZFZF			84176-2
PS-185	1-1/4	C	1	1.875	BCFJF			84217-4
PS-2122	1-1/4	C	1	1.875	BCFJF			84002-31
PS-2123	1-1/4	C	1	1.875	BCFKF			84002-17
PS-3146	1-1/4	C	1	1.875	BZFLF			84002-53
PS-1081	1-1/4	C	1	1.875	NCFJF			




# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GUSHER PUMPS (continued)</b>								
PS-1083	1-1/4	C	1	1.875	NCFJF			
PS-1082	1-1/4	C	1	1.875	NCFKF			
PS-1084	1-1/4	C	1	1.875	NCFKF			
PS-2215	1-1/4	C	1	1.875	QCFJF	I		84002-3, 84002-18 84002-33
PS-4053	1-1/4	C	1	1.875	QLFLF			84002-57
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			84217-3
PS-2123V-CMS	1-1/4	C	1	1.875	VCFKF			84002-12
PS-7983V	1-1/4	C	1	1.875	VCFZF			84002-34
PS-185V-SC-SC	1-1/4	C	1	1.875	VLFLF			84217-1
PS-7805	1-1/4	C	1	1.875	VLFLF			84002-22, 84002-50
PS-3119	1-1/4	C	1	1.875	VZFLF			84002-41, 84002-58 84002-59, 84006-59
PS-361	1-1/4	E	1	1.875	BCFJF			84003-14
PS-210V-CMS	1-3/8	C	1	2.000	VCFKF			84105-7
PS-177V-SC-SEAT	1-3/8	C	1	2.000	VCFLF			84144-10
PS-177V-SC-SC	1-3/8	C	1	2.000	VLFLF			84105-18
PS-210V-TC-SC	1-3/8	C	3	2.000	VZFLF	S		84105-5
PS-4574	1-3/8	E	3	2.000	VCFZF	316SS C/S		84140-1, 84140-3
PS-3117	1-3/8	K	1	2.000	VCFJF			84144-2
PS-758	1-1/2	C	1	2.125	BCFJF			84109-1
PS-758V-CMS	1-1/2	C	1	2.125	VCFJF			84109-3
PS-758V-SC-SC	1-1/2	C	1	2.125	VLFLF			84109-2
FA-1620	1-5/8	C	—	—	BCF-F			84004-55
PS-238	1-5/8	C	1	2.375	BCFJF			84004-28
PS-4525	1-5/8	C	1	2.375	BCFJF	316SS		84004-59
PS-239	1-5/8	C	1	2.375	BCFKF			84004-18
PS-4389	1-5/8	C	1	2.375	BCFLF			84004-51
PS-3145	1-5/8	C	1	2.375	BZFLF			84004-40
PS-3664	1-5/8	C	1	2.375	BZFZF			84004-30
PS-238-EPR	1-5/8	C	1	2.375	QCFJF			84004-34
PS-238-EPR-SC	1-5/8	C	1	2.375	QCFLF			84004-52
PS-7902	1-5/8	C	1	2.375	VCFJF			84004-46
PS-238V-CMS	1-5/8	C	1	2.375	VCFJF			84004-26
PS-239V-CMS	1-5/8	C	1	2.375	VCFKF			84004-7
PS-238V-SC-CMS	1-5/8	C	1	2.375	VCFLF			84004-56
PS-238V-P66-TC	1-5/8	C	1	2.375	VCFZF	I		84004-20
PS-7806	1-5/8	C	1	2.375	VLFLF			84004-23, 84004-39
PS-3294	1-5/8	C	1	2.375	VLFLF	316SS		84004-61
PS-238V-TC-SC-CMS	1-5/8	C	1	2.375	VZFLF			84004-42, 84004-49 84004-55
PS-2749	1-5/8	C	1	2.375	VZFLF	316SS		84004-48
PS-3144	1-5/8	C	1	2.375	VZFZF			84004-35
PS-2057	1-5/8	E	1	2.375	BCFJF			84005-2, 84005-15
PS-2058V-TC-SEAT	1-5/8	E	1	2.375	VCFZF			84005-28
PS-1699V	1-5/8	E	3	2.375	VCFKF	S		84005-20
PS-3113	1-5/8	E	3	2.375	XZFLF	316SS/S		84005-29
PS-3111	1-5/8	K	1	2.375	VLFLF			84056-22
PS-3114	1-3/4	C	1	2.500	BZFZF	C		84006-8, 84006-13
PS-3118	1-3/4	C	1	2.500	VCFJF	C		84006-11
PS-4461	1-3/4	C	1	2.500	VZFLF			84006-17, 84006-35
PS-3114V	1-3/4	C	1	2.500	VZFZF	C		84006-24
PS-7561	1-3/4	E	3	2.500	VCFZF	C/I/S		84007-15
PS-7901	1-3/4	EB	1	2.375	BCFJF	316SS		84004-46
PS-4539	1-3/4	K	1	2.500	VLFLF	316SS		84058-19
PS-3123	1-3/4	T	3	2.500	VLFLF/ VCFLF	316SS/S		84065-3
PS-9106	1-3/4	W	2	2.500	TCFJF	316SS		84010-01
PS-267	2	C	1	2.750	BCFJF			84176-1
PS-6224	2	C	1	2.750	VLFLF			84176-4
PS-1613	2-1/2	K	3	3.375	BCFJF	S		84059-5
<b>HAIGHT PUMP</b>								
PS-825	1-3/4	D	3	2.500	BCDKF	S		API3.518X
PS-237V	1-3/4	D	3	2.500	VCDJF	S		API3.518Y

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HALE PRODUCTS, INC.</b>								
PS-851	3/4	A	1	1.375	BCFJF			296-5040-00
PS-201	3/4	A	1	1.375	BMFJF			292-5040-00-3
PS-360	1	A	1	1.625	BCFJF			296-5010-00 296-5011-00-0
PS-235	1	C	1	1.625	BCFJF		20FD 106434	25D-G444 1001-02-20-00
PS-1048	1	C	1	1.625	BCFJF	H		296-5050-00-0
PS-1049	1	C	3	1.625	BCFJF	H		
PS-548	1	C	3	1.625	BCFJF	S		296-5060-06-0
PS-356	1-1/8	C	1	1.750	BCFJF			296-5220-00
PS-177	1-3/8	C	1	2.000	BCFJF			296-5250-99
PS-495	1-3/8	K	1	2.000	BCFJF			296-5070-00
PS-758	1-1/2	C	1	2.125	BCFJF			296-5021-03
PS-347	1-1/2	C	1	2.125	BCFJF	B/H		
PS-659	1-1/2	C	1	2.125	BCFKF			296-5021-01
PS-378	1-1/2	C	1	2.125	BCFKF	B/H		296-5020-06
PS-2209	1-1/2	C	1	2.125	BZFZF			296-5021-06-0
PS-446-SC-SEAT	1-3/4	C	1	2.500	BCFLF			296-5312-00-0
PS-267	2	C	1	2.750	BCFJF			296-5210-00
<b>HALL SCOTT</b>								
PS-200	5/8	A	1	1.250	BMFJF			
PS-750	3/4	D	1	1.375	BCDJF			
<b>HAMMONDS TECHNICAL</b>								
PS-359V	5/8	C	3	1.250	VCFJF			141006

Value Guard Part No.	Seal Size	Head	Material Code	Mfg. Part No.
<b>HANJIN PUMP CO., LTD</b>				
<b>Series 2921 / 2924 / 2926</b>				
VGM-2921	20MM	VGM562	VLFLF / VCFJF	 <p style="text-align: center;">Type VGM562</p>
VGM-2922	25MM	VGM562	VLFLF / VCFJF	
VGM-2923	30MM	VGM562	VLFLF / VCFJF	
VGM-2924	35MM	VGM562	VLFLF / VCFJF	
VGM-2925	40MM	VGM562	VLFLF / VCFJF	
VGM-2926	45MM	VGM562	VLFLF / VCFJF	
				SP-1026 HTV-3-5.5-18 HTV-4-4.5-18 HTV-4-11-48 HTV-4-15-48 SP-3026 SP-4026 SP-5026

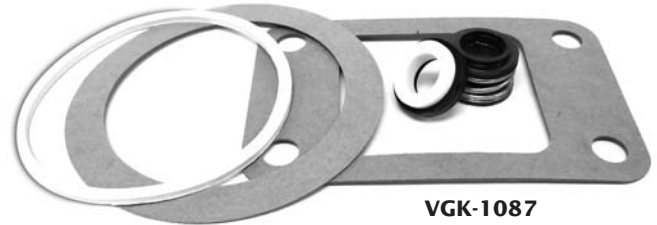
U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HARTFORD COMPRESSORS, INC.</b>								
PS-9703	2	WB	Special	2.500	T/NCFKF	316SS		SEL 24A
PS-9710	2-1/2	WB	Special	3.125	T/NCFKF	316SS		SEL 22A
<b>HAYWARD GORDON</b>								
PS-436-TC-TC	1-3/4	C	3	2.500	BZFZF	S		54099158
PS-2114	1-7/8	C	3	2.625	BCFJF	S		5403016
PS-477-TC-TC	2	E	3	2.750	BZFZF	S		54099121
PS-4564	2-3/4	T	3	3.750	BZFZF	316SS		540499174
<b>HAYWARD INDUSTRIES, INC.</b>								
PS-200	5/8	A	1	1.250	BMFJF		Cast Iron	SPX1250XZ2C
PS-2131	5/8	A	31	—	BMFJF	G	Power-Flo LX, Power-Flo® Matrix Power-Flo II™, Turbo Flo®	SPX1500KA
PS-3960	5/8	G	1	1.250	BCFJF			SPX1250XZ2, SPX2700SA
PS-3867	5/8	G	1	1.250	VCFJF			SPX2700XAV
PS-3890	5/8	G	1	1.381	BCFJF	316SS	EcoStar®, NorthStar, Tri-Star	SPX3200SA, SPX4000 SPX4000SA, SPX4000SA2
PS-2808	5/8	G	1	1.381	QLFLF	316SS		SPX4000SAFC
PS-4280	5/8	G	1	1.381	VCFJF			SP4000SAV
PS-201	3/4	A	1	1.375	BMFJF		Max-Flo™, Super Pump™ Super Pump II™	SPX1600Z2 SPX1600Z2G
PS-201V-CMS	3/4	A	1	1.375	VCFJF			SPX1600Z2GV, SP1600VIT
PS-370	1	A	1	1.625	BCFKF			

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HOBART CORP.</b>								
PS-631	1/2	C	1	1.000	BCFJF	N		R-23682
PS-663	1/2	Q	1	1.000	BMFJF			C115710
PS-6313	1/2	Q	1	1.019	BCFJF			
PS-3985	3/4	B	1	1.375	BCFJF	316SS		C44A
PS-4520	3/4	B	3	1.375	VCFJF			00-274227-00006
PS-1085V	5/8	C	1	1.250	B/VCFJF	B		A104329, 00-114696
PS-235	1	C	1	1.625	BCFJF			R-79205
PS-539	1	C	1	1.625	BCFJF	H		R-87809
PS-754V	1	E	3	1.625	VCFJF	S		A104330
PS-6318	1-1/8	Q	9	1.578	VMFAF			00-117071
PS-3854	1-3/8	Q	9	2.000	BMPAP			C-114144
PS-6317	1-3/8	Q	9	2.000	VMPSP			00-114144
PS-4041	2-1/4	Q	1	3.375	VMPSP			00-117072

Value Guard Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HOFFMAN PUMPS - Replacement Seal Kits</b>								
VGK-1087	5/8	A	1	1.250	BMFJF			180013
VGK-1088	5/8	C	1	1.250	BCFJF			180014
VGK-1085	3/4	C	1	1.375	BCFJF			180010
VGK-1086	1	C	1	1.625	BCFJF			180011
VGK-1089	1-3/8	C	1	2.000	BCFJF			180015

- Kits for Hoffman Pumps include gaskets and mechanical seal.
- Hoffman Pumps is not affiliated with U.S. Seal Mfg.
- Products supplied are manufactured or purchased by U.S. Seal Mfg. from sources other than the company listed.



**VGK-1087**

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HOLLAND PUMP MFG.</b>								
PS-2209	1-1/2	C	1	2.125	BZFZF			
PS-2060-TC-TC	1-3/4	D	1	2.500	BZFZF			6TP
PS-340	1-7/8	C	1	2.625	BCFJF			
PS-340-TC-TC	1-7/8	C	1	2.625	BZFZF			8TP

### HOMART-SEARS

PS-162	1/2	A	1	1.000	BMFJF			259-043, W6476
PS-100	5/8	A	1	1.187	BMFJF			42G2377W
PS-508	5/8	D	1	1.250	BCDJF			759-31

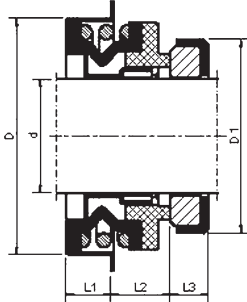
### HOMELITE CORP. - (Div. of RIVERSIDE PUMP MFG., INC.)

PS-200	5/8	A	1	1.250	BMFJF			62729
PS-711	5/8	A	3	1.187	BMFJF			A-62861-2
PS-201	3/4	A	1	1.375	BMFJF			A-75911
PS-601	3/4	B	1	1.375	BMFJF			43271
PS-4056	3/4	B	1	1.375	QCFJF		AP215, AP220	43303-A
PS-601V-CMS	3/4	B	1	1.375	VCFJF		AP302, AP502	48299
PS-360	1	A	1	1.625	BCFJF			A-62403
PS-1086	1	A	3	2.000	BMDJF			A-62713, A-62713-1
PS-235	1	C	1	1.625	BCFJF			47046
PS-466	1-1/4	C	1	2.000	BCFJF			46150

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
N. NON-STANDARD SPRING HOLDER  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HONDA TRASH PUMP</b>								
VGM-2964	20MM	VGM-BV	1	35MM	BCFJF		WT20X, WT30X	
VGM-8502	20MM	VGM-BV	1	35MM	VLFLF		WT20X, WT30X	78130-YB4-901
VGM-2965	30MM	VGM-BV	1	48MM	BCFJF		WT40X	
VGM-8501	30MM	VGM-BV	1	48MM	VLFLF		WT40X	



d	D	D1	L1	L2	L3
20	40	35	9.5	6.0	5
30	52	48	10.0	9.5	8



Type VGM-BV

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HOYT CORP.</b>								
PS-6301	2-1/4	Q	3	3.000	NMPAP			28-488
<b>HYDROMATIC PUMP CO. (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-1621	1/2	Q	9	—	BMFJF	A		54840001
FA-26	5/8	A	—	—	BMF-F			000830021, 000830071
PS-200	5/8	A	1	1.250	BMFJF			00083000, 00083001 14525A010
PS-200V-CMS	5/8	A	1	1.250	VCFJF			830101
PS-447	5/8	B	8	—	BCFJF	A		75480001
PS-359	5/8	C	1	1.250	BCFJF			015560001
PS-6216	5/8	C	1	1.250	VZFZF			113970011
PS-851	3/4	A	1	1.375	BCFJF			170480001
PS-201V-CMS	3/4	A	1	1.375	VCFJF			170480011
PS-1622	3/4	B	9	—	BMFJF	A		049170001
PS-358	3/4	C	1	1.375	BCFJF			1000001
PS-703	7/8	D	1	1.500	BCDJF			11716A011
PS-235	1	C	1	1.625	BCFJF		HPLX200	3000001
PS-235-SC-SC	1	C	1	1.625	BLFLF			003000041
PS-2216	1	C	1	1.625	BZFZF			006960001
PS-235V-CMS	1	C	1	1.625	VCFJF			003000011
PS-235V-SC-SC	1	C	1	1.625	VLFLF			003000051
PS-2216V-CMS	1	C	1	1.625	VZFZF			003000031
PS-185	1-1/4	C	1	1.875	BCFJF			049160001
PS-185-SC-SC	1-1/4	C	1	1.875	BLFLF			049160031
PS-2208	1-1/4	C	1	1.875	BZFZF			049160011
PS-185E-SC-CMS	1-1/4	C	1	1.875	QCFLF			049160051
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			049160021
PS-185V-TC-SC	1-1/4	C	1	1.875	VZFLF			049160061
PS-185V-TC-TC	1-1/4	C	1	1.875	VZFZF			049160041
PS-347	1-1/2	C	1	2.125	BCFJF	B/H		081000005
PS-758	1-1/2	C	1	2.125	BCFJF			009200011
PS-758-SC-SC	1-1/2	C	1	2.125	BLFLF			009200131
PS-758-SC-TC-CMS	1-1/2	C	1	2.125	BLFZF			009200111
PS-2209	1-1/2	C	1	2.125	BZFZF			009200041
PS-7409	1-1/2	C	1	2.125	VCFJF	316SS		009200031, 009200051 009200071
PS-659V-TC-VS-TC	1-1/2	C	1	2.125	VZFZF			009200091, 009200141
PS-446	1-3/4	C	1	2.500	BCFJF			110490011
PS-446-TC-TC	1-3/4	C	1	2.500	BZFZF			110490021
PS-4410	1-3/4	C	1	2.500	BZFZF			21181A015
PS-340	1-7/8	C	1	2.625	BCFJF			148590001
PS-340-TC-SC	1-7/8	C	1	2.625	BZFLF			148590031
PS-340-TC-TC	1-7/8	C	1	2.625	BZFZF			148590011
PS-267	2	C	1	2.750	BCFJF			019570001
PS-267-SC-SC-CMS	2	C	1	2.750	BLFLF			019570051
PS-2219	2	C	1	2.750	BZFZF			019570021

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HYDROMATIC PUMP CO. (See PENTAIR, INC. for Additional Part Numbers) (continued)</b>								
PS-267V-CMS	2	C	1	2.750	VCFJF			019570011
PS-6218	2	C	1	2.750	VZFZF			019570041
PS-1087	2-1/4	C	1	3.125	BCFJF			080730001
PS-3182	2-1/4	C	1	3.125	BLFLF			080730061
PS-7064	2-1/4	C	1	3.125	BZFZF			080730011
PS-1679V-CMS	2-1/4	C	1	3.125	VCFJF			080730031
PS-3530	2-1/4	E	3	3.125	B/VZFZF	S		1100148SC2
PS-1088	3	C	3	3.875	BCFJF	B/S		037180001
PS-4352	3	C	3	3.875	BLFZF	B/S	60MPH & 60MMPH	037180041
PS-761	3	D	3	3.875	BCDJF	S		434210011
<b>HYPRO CORPORATION (See PENTAIR, INC. for Additional Part Numbers)</b>								
FA-112	1/2	C	—	—	BCF-F			10522C
PS-3001	1/2	G	3	1.000	VCFJF			24608
PS-3002	1/2	G	3	1.000	VCFJF	316SS		24766
PS-516	5/8	A	1	1.250	BCFJF		9501-3	2120-0008
PS-200V-CMS	5/8	A	1	1.250	VCFJF		9203, 9401C, 9300CHM	2120-0009
PS-200V	5/8	A	3	1.250	VCFJF		9202C, 9501-4	
PS-3741	5/8	B	1	1.250	VLFLF			24466
PS-3159	5/8	B	8	—	BCFJF	A		12314
PS-447V	5/8	B	8	—	VCFJF	A		13310
PS-3667	5/8	B	9	—	BLFLF	A		24054
PS-4442	5/8	C	3	1.250	VCFKF			2120-0003
PS-2743	5/8	C	3	1.250	Special	I		81655385
PS-3204	5/8	G	1	1.250	BCFJF			24605
PS-3006	5/8	G	1	1.250	BCFJF	316SS		24275
PS-4220	5/8	G	1	1.250	VCFJF			24609
PS-3200	5/8	G	1	1.250	VCFJF	316SS		24276
PS-3005	5/8	G	25	1.250	VLFLF	316SS		2120-0039
PS-851	3/4	A	1	1.375	BCFJF			2120-0010
PS-201V-CMS	3/4	A	1	1.375	VCFJF		9000 Series	2120-0011
PS-201V	3/4	A	3	1.375	VCFJF		9501-50	
PS-2718	3/4	B	8	1.250	BMFJF			15955, 15955-SHW
PS-2723	20MM	B	1 Special	33.88MM	BLFLF	Unitized		25080-SHW
PS-4273	20MM	G	1	35MM	VCFJF	316SS		24610, 24768A-SHU
PS-3009	7/8	G	1	1.500	BCFJF	316SS		24458
PS-2736	25MM	G	1	1.575	BLFLF	316SS		24511
PS-1909	25MM	G	1	1.625	VLFLF	316SS		23837 / 23837-SHW
PS-360	1	A	1	1.625	BCFJF			2120-0054, 24607
PS-360V-CMS	1	A	1	1.625	VCFJF			2120-0034
FA-1700	1	C	—	—	BCF-F			21399
PS-3295	1	G	1	1.625	VCFJF			24611-SHU
PS-4425	1-1/8	G	1	1.750	BLFLF	316SS		23906
PS-3015	1-3/8	G	25	2.000	VLFLF	316SS		2120-0043
<b>ICEE™</b>								
PS-359	5/8	C	1	1.250	BCFJF			401G
PS-6234	5/8	C	1	1.250	BCFJF			0-ID1339
<b>IMO INDUSTRIES, INC.</b>								
PS-2138	1/2	C	Special	1.360	BCFGF			PP046JCE
PS-4588	1/2	X Special	1	1.000	VCFLF			
PS-3729	1/2	X Special	3	1.000	BCFKF			PP046JRF
PS-7727	1/2	X Special	3	1.000	VCFGF			PP046JRH
PS-4313	5/8	C	3 Special	1.500	VCFGF			PP046JC/C
PS-752	3/4	D	1	1.375	BCDKF			PP046DP
PS-687	7/8	C	1	1.500	BCFKF			PP046H
PS-3824	1	C	28	2.438	BCFKF			PP046JM
PS-1034V	1	C	28	2.438	VCFKF			PP046JCH
PS-7991	25MM	D	2	1.625	BCPGP			PP046DF
PS-4579	1	DB	3	1.500	NCPLF			PP046KDA
PS-4255	1	DB	3	1.500	VCFZF			
PS-8091	1	X	3	1.625	VCFRF	316SS/S		PP046JZ/CR
PS-8705	1	XB1	3	1.500	VCFLF	316SS/S		PP046KLY
PS-254	1-1/8	D	3	1.750	BCFKF	S		PP046JGF
PS-1044	1-3/16	C	28	2.834	BCFKF			PP046JL
PS-1044V	1-3/16	C	28	2.834	VCFKF			PP046JHG

**NOTE:** A. MOUNTS ON SHAFT  
 B. TAPERED SPRING  
 I. ABRASION RESISTANT CARBON (P66)  
 S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>IMO INDUSTRIES, INC. (continued)</b>								
PS-4152	1-1/4	C	3	1.875	BCFKF	S		PP046JLC/C
PS-1036	1-1/4	C	28	2.835	BCFKF			PP046JH, PP046JH/C
PS-1036V	1-1/4	C	28	2.835	VCFKF			PP046JN
PS-4431	1-1/4	D	3	1.875	VLFLF			
PS-8073	1-1/4	X	28	2.832	VCFKF	316SS		PP046JBS/PP046JBS/CR
PS-3979	1-1/2	C	Special	2.740	BCFKF			PP046JAH
PS-371	1-1/2	D	1	2.125	BCFKF			PP046DAA
PS-238V-SC-SEAT	1-5/8	C	3	2.375	VCFLF	S		PP046JHL
PS-1035	1-5/8	C	28	3.544	BCFKF			PP046JK
PS-1039	1-5/8	C	28	3.544	VCFKF			PP046JR, PP046JRC
PS-436-SC-SEAT	1-3/4	C	3	2.500	BCFLF	S		PP046JDT/CR
PS-1038	1-3/4	C	28	3.544	BCFKF			PP046JG
PS-8058	1-3/4	X	3	2.500	VCFLF	316SS/S		PP046JWF
PS-8133	1-3/4	X	3	2.500	VZFLF	316SS/S		
PS-462	2	D	1	2.750	BCDKF			PP046BP
PS-8134	2	X	3	2.750	VZFLF	316SS		
PS-1676	2-1/4	C	3	3.125	BCFKF	S		PP046JCD
PS-3051	2-3/8	C	3	3.250	BCFLF	S		PP046JWH
PS-1677	2-3/8	C	28	5.118	BCFKF			PP046FBY/C/CR
PS-8003	2-3/8	X	3	3.250	VCFLF	316SS/S		PP046JTT
PS-8560	2-3/8	X	3	3.250	Special	S		PP046JYM
PS-3862	3-1/2	X	3	4.375	VCFKF	316SS		PP046JZM
<b>INGERSOLL-DRESSER PUMPS AND COMPRESSORS (Also See FLOWERVE CORP.)</b>								
PS-164	1/2	B	9	—	BMFKF	A		
PS-200	5/8	A	1	1.250	BMFJF			CPM-6252C1, CPM-6258C1
PS-507V	5/8	A	3	1.250	VCFKF			CPM-625271, CPM-625871
PS-600	5/8	B	1	1.187	BMFJF		Bronze Fitted KRUSA-3/4, 1-1/4 Model B 1/4 to 1-1/2 HP Motors	CPM-10015
PS-616	5/8	B	1	1.187	BMFKF		Iron Fitted KRUSA-3/4, 1-1/4 Model B 1/4 to 1-1/2 HP Motors	CPM-10029, 60110269
PS-359	5/8	C	1	1.250	BCFJF		1X4, 3/4, 1, 1-1/4, 2X5 HK & HOK	CPM-6251C1
PS-633	5/8	C	1	1.250	BCFKF		1X4, 3/4, 1, 1-1/4, 1-1/2, 2X5 HK	CPM-625171
PS-760	3/4	A	3	1.375	BMFJF		SMP1000 & SMP2000	CPM-10600A
PS-601	3/4	B	1	1.375	BMFJF			CPM-10034, 60116225
PS-606	3/4	B	1	1.375	BMFKF			CPM-10035, 60110301
FA-564	3/4	C	—	—	BCF-F			024439-00
PS-3654	3/4	C	1	1.375	BCFKF		SMP2000	
PS-2236	3/4	C	3	1.375	BCFJF		SMP2000	1802ATY210RM075BF1C1 60721792, 60980901
PS-2235	3/4	C	3	1.375	VCFJF			CPM-10606A, 60724572
PS-7994	3/4	E	3	1.187	VCFKF			1802AJCTYPIR075XP171
PS-303	7/8	D	1	1.500	BCDKF		SMP2000	W-11448, W-20168
PS-602	7/8	D	1	1.562	BCDJF		KRVS-1-1/2, 2, 3-1/4 to 1-1/2 HP	CPM-10052
PS-603	7/8	D	1	1.562	BCDKF		KRVS	CPM-10053
PS-7859V	7/8	E	3	1.312	VCFKF	316SS		
PS-560V	15/16	U	3	1.562	VCFKF		7GA	03144601, 74744319
PS-801	1-1/8	C	3	1.750	B/VCFJF	S	3X5 HK, 3X6 HK	CPM-1121C1, 60487089
PS-2226	1-1/8	C	3	1.750	QCFZF	I/S	3X5 HK, 3X6 HK	CPM-112171
PS-355V	1-1/8	C	3	1.750	VCFKF	S		39633201, 39757141
PS-604	1-1/8	D	1	1.750	BCFJF		Bronze Fitted KRVS-1	CPM-10026, CPM-10054 60110434
PS-605	1-1/8	D	1	1.750	BCFKF		Iron Fitted KRVS-1	CPM-10055, 60110442
PS-521	1-1/8	D	1	1.875	BCFKF			
PS-607	1-1/8	E	1	1.687	BCFJF		Bronze Fitted 1, 2 RVN-1 1-1/2 2, 3 RVNL, 1-1/2, 2 RV and RVH-3RVS 1-1/2 RVL	CPM-10043, 60110327
PS-608	1-1/8	E	1	1.687	BCFKF		Iron Fitted 1, 2 RVN-1 1-1/2, 2 3 RVNL, 1-1/2, 2 RV and RVH-3RVS 1-1/2 RVL	CPM-10044, CPM-10087 60110335
PS-3291	1-1/8	E	2	1.812	QCFZF	316SS	Extended Carbon	
PS-867	1-1/8	E	3	1.750	BCFKF	S		68885865, 69237592
PS-4421	1-1/8	E	3	1.750	QCFJF	316SS/S		
PS-204V	1-1/8	E	3	1.750	VCFJF	S		CPM-10715A, 60954682
PS-867V	1-1/8	E	3	1.750	VCFKF	S		1802AJCTYP1A112XF1C1 CPM-10715B, 68885847

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>INGERSOLL-DRESSER PUMPS AND COMPRESSORS (Also See FLOWSERVE CORP.) (continued)</b>								
PS-867V-TC-SEAT	1-1/8	E	3	1.750	VCFZF	S		1802AJCTYP1A112XF1D1 60954716
PS-619	1-1/8	E	3	1.812	BCFJF		Extended Carbon	CPM-10217A, CPM-10220A
PS-948	1-1/8	E	3	1.812	BCFKF		Extended Carbon	CPM-10220B, CPM-10217B
PS-1668	1-1/8	E	3	1.812	BCFZF			CPM-10465C, CPM-10470C
PS-1636	1-1/8	E	3	1.812	B/VCFJF		H/HC/VOC/HOC	CPM-10465A, CPM-10470A
PS-1637	1-1/8	E	3	1.812	B/VCFKF		H/HC/VOC/HOC	CPM-10406B, CPM-10465B CPM-10470B
PS-1172V	1-1/8	E	3	1.812	VCFJF		6VOC, 7HOC	CPM-10406A
PS-1639V	1-1/8	E	3	1.812	VCFKF			CPM-10406B
PS-3511	1-1/8	T	3	1.750	VCFJF	S	HOC2, VOC2	1802AJCTYP1DBLXF1C1
PS-310	1-3/16	E	1	1.875	BCDJF			CPM-118S429X5
PS-343	1-3/16	E	1	1.875	BCDKF			CPM-118S429X2
PS-723	1-3/16	T	1	1.875	BCDJF		DHV, DMV	CPM-118S429X4 60111267
PS-724	1-3/16	T	1	1.875	BCDKF		DHV, DMV	CPM-118S429X3
PS-185	1-1/4	C	1	1.875	BCFJF			CPM-10601A
PS-756	1-1/4	C	1	1.875	BCFKF			
PS-618	1-1/4	C	3	1.875	BCFJF	S	SMP2000 & SMP3000	1802ATY210RM125BF1C1 60721800, 60980918 60980919, CPM-10601A
PS-598-EPR	1-1/4	C	3	1.875	QCFKF			CPM-10604A
PS-2203	1-1/4	C	3	1.875	QCFKF	I		1802ATY210RM125028F171 68867910
PS-185V	1-1/4	C	3	1.875	VCFJF	S		1802ATY210RMXF1C1 68867902, CPM-10613A
PS-756V	1-1/4	C	3	1.875	VCFKF			74898800
PS-618V-TC-SEAT	1-1/4	C	3	1.875	VCFZF	S		CPM-10709, 60727401
FA-190	1-1/4	D	—	—	BCF-F			W-32652, 74898800
PS-3973	1-1/4	U	2	1.875	BCPKF			
PS-467	1-3/8	C	1	2.125	BCFKF			W-21642, W-28861
PS-5003	1-3/8	C	2	2.125	NCFKF	316SS		
PS-354	1-3/8	E	1	2.000	BCFJF			CPM-137S429X5
PS-677	1-3/8	E	1	2.000	BCFKF			CPM-137S429X2
PS-3925	1-3/8	E	3	2.125	VCFJF	S		1802AJCTYPEA138XF1C1 74816117
PS-3878	1-3/8	E	3	2.125	VCFJF	316SS/S	HOC3, Group 1	
PS-725	1-3/8	T	1	2.000	BCFJF			CPM-137S429X4 60111275
PS-726	1-3/8	T	1	2.000	BCFKF			CPM-137S429X3
PS-371	1-1/2	D	1	2.125	BCFKF			W-27658
FA-305	1-1/2	E	—	—	BCF-F			3879AJCTYP1A150BF1-1 68886183, 68886175
FA-305V	1-1/2	E	—	—	VCF-F			CPM-10369ABC CPM-10407ABC 3879AJCTYP1A150-XFI 80612400
PS-305	1-1/2	E	1	2.125	BCFJF		GTB	CPM-10367A, CPM-10368A
PS-395	1-1/2	E	3	2.125	BCFJF	S		CPM-10132
PS-258	1-1/2	E	3	2.125	BCFKF		GTB	CPM-10129, CPM-10367B CPM-10368B, 6886100
PS-305V	1-1/2	E	3	2.125	VCFJF		GTB	CPM-10369A 1802AJCTYP1A150XF1C1 68886068, 68886092
PS-374V	1-1/2	E	3	2.125	VCFKF		GTB	CPM-10369B 1802AJCTYP1RXP171 1802AJCTYP1A150XF171
PS-620	1-1/2	E	3	2.312	BCFJF		Extended Carbon	CPM-10218A, CPM-10221A
PS-629	1-1/2	E	3	2.312	BCFKF		Extended Carbon	CPM-10218B, CPM-10221B
PS-4034	1-1/2	E	3	2.312	BCFZF			CPM-10466C, 60514148
PS-1647	1-1/2	E	3	2.312	B/VCFJF		H/HC	CPM-10466A, CPM-10471A
PS-1648	1-1/2	E	3	2.312	B/VCFKF	S	H/HC	CPM-10466B, CPM-10471B 60514288
PS-1651	1-1/2	E	3	2.312	VCFJF		H/HC	CPM-10473A, 60514122
PS-620V	1-1/2	E	3	2.312	VCFJF		Extended Carbon	CPM-10224A

**NOTE:** I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>INGERSOLL-DRESSER PUMPS AND COMPRESSORS (Also See FLOWERVE CORP.) (continued)</b>								
PS-1652	1-1/2	E	3	2.312	VCFKF		H/HC	CPM-10473B, 60514726
PS-1691	1-1/2	E	3	2.312	VCFKF		Extended Carbon	CPM-10224B
PS-1692	1-1/2	E	3	2.312	VCFZF		Extended Carbon	CPM-10224C
PS-818	1-5/8	C	3	2.375	BCFJF	S	SMP3000	CPM-10602A, 60721818
PS-609	1-5/8	E	1	2.312	BCDJF		2,3,4 and 5RVL-3 RVH-1-1/2 ORVL	CPM-10045, 60110343
PS-346	1-5/8	E	1	2.312	BCFJF		3 RVL	CPM-10028
PS-610	1-5/8	E	1	2.312	BCFKF		2,3,4 and 5RVL-3 RVH-1-1/2 ORVL	CPM-10046, 60110350
PS-7950	1-3/4	E	3	2.312	QCFZF	I/S		74840992
PS-262	1-3/4	E	3	2.500	BCFKF	S		1802AJCTYP1G175BF171
PS-859-TC-SEAT	1-3/4	E	3	2.500	BCFZF	S	S-Row Series 100	CPM-10347
PS-4139	1-3/4	E	3	2.625	VCFKF	S		1802ATCTYP1R175XF171
PS-674	1-3/4	T	1	2.500	BCFJF		3, 4, 5 RVL and CRVL	CPM-10024
PS-722	1.771	E	1	2.625	BCFJF			CPM-177S429X5
PS-719	1.771	E	1	2.625	BCFKF			CPM-177S429X2
PS-727	1.771	T	1	2.625	BCFJF			CPM-177S429X4
PS-728	1.771	T	1	2.625	BCFKF			CPM-177S429X3
PS-340-EPR-CMS	1-7/8	C	1	2.625	QCFJF			CPM-10656
PS-4885	1-7/8	C	1	2.625	QCFJF	I		60647203
PS-2069	1-7/8	E	1	2.625	BCFJF			CPM-10370A
PS-2071	1-7/8	E	3	2.625	BCFJF	S		CPM-10371A
PS-2072	1-7/8	E	3	2.625	BCFKF	S	3GT	CPM-10158, CPM-10370B CPM-10371B 1802AJCTYP1A188BF171 6043421, 68885987
PS-1659	1-7/8	E	3	2.625	VCFJF	S	GTB	CPM-10372A 1802AJCTYP1A188XF1C1 60954757
PS-1660	1-7/8	E	3	2.625	VCFKF	S	GTB	CPM-10372B 60954807, 68859601
PS-1661	1-7/8	E	3	2.625	VCFZF			CPM-10716C 1802AJCTYP1A188-XF1D1
PS-949	1-7/8	E	3	2.687	BCFKF		Extended Carbon	CPM-10219B, CPM-10222B
PS-1664	1-7/8	E	3	2.687	B/VCFJF		VOC/HOC	CPM-10219A, CPM-10222A CPM-10461A, CPM-10467B CPM-10472B
PS-7020	1-7/8	E	3	2.687	VCFJF			CPM-10225A, CPM-10408A CPM-10467A
PS-1653	1-7/8	T	3	2.687	VCFJF		HOC 6X4X13	CPM-10278
PS-530	2	E	3	2.750	BCFJF	S		
PS-477	2	E	3	2.750	BCFKF	S	S Line	CPM-200S429X2 CPM-200S429X7
PS-342	2	E	3	2.750	NCPKP	S	1-1/2, 2 and 3 VM-1-1/2 and 3 VL 3 VLA Vertical Pumps and S Line	CPM-10130 CPM-200S429X1
PS-611	2-1/8	E	3	2.812	BCFJF		All Bronze Fitted Pump - 1-1/2 2 MRV-5 RVH, 6 RVL, 50 RVL	CPM-10047
PS-1612	2-1/8	E	3	2.812	BCFKF		All Iron Fitted Pumps - 1-1/2 2 MRV-5 RVH, 6 RVL, 50RVL D	CPM-10048, 60110376
PS-2086	2-1/8	E	3	3.000	BCFKF	S	Series 100S	CPM-10351
PS-5076	2-1/4	C	3 Special	3.125	VCFKF			35593508
PS-3498	2-1/2	D	3	3.375	VAFLF	N/S		39929351
PS-278	2-3/8	E	3	3.250	BCFJF	S	HOC	CPM-10469A
PS-350	2-3/8	E	3	3.250	BCFKF	S	4GT/S/HOC	CPM-10159, CPM-10469B
PS-278V	2-3/8	E	3	3.250	VCFJF	S	HOC	1802AJCTYP1A238-XF1C1 6003427, 60969797
PS-2098V	2-3/8	E	3	3.250	VCFKF	S		CPM-10251B, CPM-10718B
PS-3498	2-1/2	D	3	3.375	VAFLF	N/S		39929351
PS-279	2-1/2	E	3	3.375	BCFJF	S		CPM-10134
PS-349	2-1/2	E	3	3.375	BCFKF		S Line	CPM-250S429X2 CPM-250S429X7 69261360
PS-321	2-3/4	E	3	3.500	V/BCFKF	S	S Line Series 100	CPM-10355
PS-5252	3	E	3	3.875	BCFKF	S	6GT	
PS-325SS	3-1/4	U	3	4.125	BCFKF	C/S	S Line, 8X14SD, 10X14SD	CPM-325S429X2 69261378



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>INSINGER MACHINE CO.</b>								
PS-204	1-1/8	E	1	1.750	BCFJF			B15
<b>ITT INDUSTRIES (See A-C Pump, Bell &amp; Gossett, Domestic Pump, Jabsco, Marlow)</b>								
<b>ITT R &amp; CW (ITT RESIDENTIAL &amp; COMMERCIAL WATER PUMPS)</b>								
PS-3926	5/8	B	9	1.062	VCFKF	316SS		A00202C 1
PS-544V-SC-SC	1-5/8	C	3	2.375	VLFLF	S		76407 3625
PS-3993	2	C	3	2.750	BCFJF	S		76407 4200
PS-4239	2	C	3	2.750	BCFJF	H/S		76407 1200
<b>JABSCO® (Div. of ITT INDUSTRIES)</b>								
FA-642	5/8	B	—	—	BMF-F		Seat is Impeller	
PS-382	1-1/2	D	1	2.125	BCFJF			3200, 3200-01, 3200-21
VGM-9479	25MM	VGMA	Special	40MM	VCFLF		Model 18370-0000	6408-0000
<b>JACKSON®</b>								
PS-3733	7/8	C	3	1.500	VCFJF	N		5330-300-06-27
PS-3440	1	C	1	1.750	BCFJF			5330-011-71-98
<b>JACUZZI® (Div. of STA-RITE INDUSTRIES)</b>								
PS-162	1/2	A	1	1.000	BMFJF			10-563
PS-165	1/2	B	9	.906	BMFJF	A		10-0380-00
PS-631	1/2	C	1	1.000	BCFJF	N	5AM	10-564
PS-200	5/8	A	1	1.250	BMFJF		Cygnnet, K,KM, Vector LVL A, J, JCM, LCM, LCU and LR Series	10-467, 10-0002-06 10-1436-00
PS-359	5/8	C	1	1.250	BCFJF			10-478, 10-506
PS-290	5/8	C	1	1.250	BCFJF	N		10-1202, 10-1203 7524000
PS-102	5/8	D	1	1.250	BCDKF			10-502
PS-201	3/4	A	1	1.375	BMFJF		5RP, SF, Magnum, RC-Series	10-120, 10-477, 10-486 10-1390-04, 10-1502-09
PS-358	3/4	C	1	1.375	BCFJF			10-479
PS-877	3/4	C	1	1.375	BCFJF		8M	10-1203-01, 10-1203-19
PS-683	3/4	C	1	1.500	BCFJF			10-100
PS-750	3/4	D	1	1.375	BCDJF			10-503
PS-235	1	C	1	1.625	BCFJF		10M	10-504, 10-1299-06
PS-204	1-1/8	E	1	1.750	BCFJF			10-505
PS-185	1-1/4	C	1	1.875	BCFJF			10-0369-29, 10-1400-02
PS-2122	1-1/4	C	1	1.875	BCFJF			10-0369-03
PS-758	1-1/2	C	1	2.125	BCFJF			10-1348-07
PS-2142	1-3/4	C	1	2.500	BCFJF			10-0307-00
PS-205	1-3/4	E	1	2.500	BCFJF			10-330
PS-874	2-1/4	D	1	3.125	BCDJF			10-365
<b>JAEGER</b>								
PS-201	3/4	A	1	1.375	BMFJF			
PS-360	1	A	1	1.625	BCFJF			
PS-356	1-1/8	C	1	1.750	BCFJF			80237
PS-177	1-3/8	C	1	2.000	BCFJF			81031-1
PS-461	1-5/8	D	1	2.375	BCDKF			66319-1
PS-876	2	D	1	2.625	BCDKF			66435-1
<b>JANDY® - (Div. of ZODIAC® POOL SYSTEMS)</b>								
PS-1000	5/8	B	1	1.250	BMFJF		P84-60	P55
PS-3890	5/8	G	1	1.381	BCFJF	316SS	PB-460Q	P84-3
PS-4280	5/8	G	1	1.381	VCFJF		FHP, JEP, MHP, PHP SHP, SWF, WFTR	R00479400
PS-4231	5/8/ 3/4	G	1	1.375/ 1.381	VCFJF		PHPM, PHPF New & Old Style Contains PS-4280 and PS-3868	R0445500
PS-601	3/4	B	1	1.375	BMFJF		HHP, HHPU	R0338200
<b>JOHN BEAN TECH</b>								
FA-1700	1	C	—	—	BCF-F			401-50-0001
FA-1850	1-1/2	C	—	—	BCF-F			401-50-0006
<b>JOHNSON CONTROLS</b>								
PS-4026	1-3/4	D	3	2.500	NCFKF			029 22359 001
PS-4554	2-5/8	EB	5	3.375	BCFZF			
PS-4028	2-7/8	K	3 Special	4.500	NCFGF			523B0201G01
<b>JOY MFG. (See SULLIVAN PALATEK)</b>								

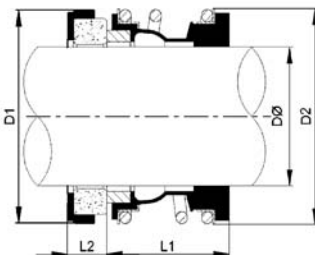
**NOTE:** A. MOUNTS ON SHAFT  
H. SPRING HOLDER NOT INCLUDED  
N. NON-STANDARD SPRING HOLDER  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>KADY INTERNATIONAL</b>								
PS-687	7/8	C	1	1.500	BCFKF			91381
PS-2703	1	D	3	1.625	VLFFZ	S		94555
PS-210	1-3/8	C	1	2.000	BCFKF			91379
PS-3541	1-3/8	T	3	2.000	VZFZF	316SS/S		92795
<b>KASCO MARINE</b>								
PS-2700	1/2	G	1	1.000	BCFJF			990500
PS-3960	5/8	G	1	1.250	BCFJF			840500
PS-3199	5/8	G	1	1.250	BLFLF	316SS		840370
<b>KEEN PUMP</b>								
PS-3289	2-1/4	C	3	1.000	BLFLF	S		K0104-1-02
<b>KENCO</b>								
PS-162	1/2	A	1	1.000	BMFJF		Type 62, 63, 64, 65	
PS-163	1/2	B	1	1.000	BMFJF			AE001A1
PS-165	1/2	B	9	.906	BMFJF	A	59A, 140A	
PS-200	5/8	A	1	1.250	BMFJF		139A New Style	
PS-452	5/8	B	9	—	BMFJF	A	109A New Style	
PS-762	3/4	A	3	1.375	BMFKF		114	6A001A1
<b>KINNEY VACUUM PUMP (Div. of TUTHILL CORP.)</b>								
PS-358	3/4	C	1	1.375	BCFJF			KC2.5-15, KC-5 KC-8(491), KS-13
PS-358V	3/4	C	3	1.375	VCFJF			65046
FA-1600	7/8	C	—	—	BCF-F			SK-549
PS-357	1	C	1	1.625	BCFKF			KS-27-47
PS-159	1	D	3	1.625	NCPGP			65024
PS-355	1-1/8	C	1	1.750	BCFKF			KC-46
PS-659	1-1/2	C	1	2.125	BCFKF			KD-110, KDH-130
PS-238V-CMS	1-5/8	C	1	2.375	VCFJF			065241A000
PS-366	1-3/4	E	1	2.500	BCFKF			KD-220, KDH-220
PS-462	2	D	1	2.750	BCDKF			
PS-658	2	R	1	2.750	BCDKF			KBM-1200, MB-17
<b>KLEIN PRODUCTS OF KANSAS, INC.</b>								
PS-547	1-3/8	C	3	2.000	BCFKF	S		33011197
PS-3138	1-5/8	C	1	2.375	BCFKF			33024421
PS-3179	1-5/8	C	1	2.375	BCFLF			33024421HD
<b>KNIGHT EQUIPMENT</b>								
PS-200-EPR	5/8	A	1	1.250	QCFJF			9600745
<b>KOBELCO</b>								
PS-9712	2	WB	3	2.500	TCFGF	316SS		P-GA05-007
<b>KRAISSL CO.</b>								
FA-10	1/2	B	—	—	BMF-F		Seat is Impeller	

Value Guard Part No.	Seal Size	Head	Mating Ring	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>KSB CENTRIFUGAL PUMP</b>							
VGM-3950	10MM	VGMC-1	1	VLFLF			KU 010
VGM-3951	15MM	VGMC-1	1	VLFLF			KU 015
VGM-3952	16MM	VGMC-12S	1	VLFLF			
VGM-3242	22MM	VGMC-12S	1	VLFLF			KU 022
VGM-3243	28MM	VGMC-12S	1	VLFLF			NU 028
VGM-3244	38MM	VGMC-12S	1	VLFLF			NU 038
VGM-3245	48MM	VGMC-12S	1	VLFLF			NU 048

D0	D1	D2	L1	L2
10.00	19.20	20.00	25.90	6.60
15.00	24.60	25.00	28.40	6.60
16.00	27.00	26.00	22.20	12.10
22.00	37.00	36.00	25.40	12.10
28.00	43.00	47.00	35.60	14.40
38.00	56.00	58.00	41.80	13.20
48.00	66.00	69.00	50.40	9.60



Type VGMC-1

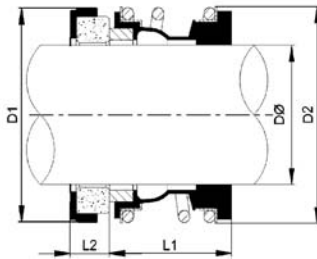


Type VGMC-12S

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Size	Head	Mating Ring	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>KSB SUBMERSIBLE PUMP (continued)</b>							
VGM-1410U	10MM	VGMC-1	1	VCFLF			
VGM-1410L	10MM	VGMC-1	1	VLFLF			SU 010
VGM-1415U	15MM	VGMC-1	1	VCFLF			
VGM-1415L	15MM	VGMC-1	1	VLFLF			SU 015
VGM-1425U	25MM	VGMC-1	1	VCFLF			
VGM-1425L	25MM	VGMC-1	1	VLFLF			SU 025
VGM-1428U	28MM	VGMC-1	1	VCFLF			
VGM-1428L	28MM	VGMC-1	1	VLFLF			SU 028
VGM-1430U	30MM	VGMC-1	1	VCFLF			
VGM-1430L	30MM	VGMC-1	1	VLFLF			SU 030
VGM-1433U	33MM	VGMC-1	1	VCFLF			
VGM-1433L	33MM	VGMC-1	1	VLFLF			SU 033
VGM-1443U	43MM	VGMC-1	1	VCFLF			
VGM-1443L	43MM	VGMC-1	1	VLFLF			SU 043
VGM-1448U	48MM	VGMC-1	1	VCFLF			
VGM-1448L	48MM	VGMC-1	1	VLFLF			SU 048
VGM-1475U	75MM	VGMC-1	1	VCFLF			
VGM-1475L	75MM	VGMC-1	1	VLFLF			SU 075
VGM-1490U	90MM	VGMC-1	1	VCFLF			
VGM-1490L	90MM	VGMC-1	1	VLFLF			SU 090

D0	D1	D2	L1	L2
10.00	19.20	20.00	14.50	6.50
15.00	24.60	28.00	17.00	7.00
25.00	38.00	41.00	23.00	7.50
28.00	43.00	47.00	26.50	9.00
30.00	45.00	47.00	26.50	10.50
33.00	48.00	51.00	27.50	11.00
43.00	61.00	62.20	30.00	12.00
48.00	66.00	69.00	30.50	11.50
75.00	97.00	102.00	40.00	14.00
90.00	115.00	126.00	45.00	15.00



**Type VGMC-1**

Other Materials Available Upon Request

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>LABCONCO CORP.</b>								
PS-6308	11/16	Q	9	1.250	Special	A		4485800
<b>LANCASTER PUMP CO.</b>								
FA-10	1/2	B	—	—	BMF-F		Seat is Impeller, 376 Laundro Pak	4761
PS-1002	1/2	C	1	1.000	BCFJF		Converto, Supreme Jet, MTR Jet Type M 901 thru 906 Type P All Models	1061
PS-200	5/8	A	1	1.250	BMFJF			2661
PS-1000	5/8	B	1	1.250	BMFJF			5236
PS-151	5/8	B	1	1.375	BMFJF		Types S & SD Lancaster Dutchman- 1182, 1183, 1192, 1193	2461
PS-1005A	5/8	B	1	1.375	BMFKF			2561
PS-447	5/8	B	8	—	BCFJF	A	570, 575, 1775	
PS-493	5/8	C	1	1.187	BCFKF			5256
PS-201	3/4	A	1	1.375	BMFJF		Types S & SD Lancaster Dutchman- 1182, 1183, 1192, 1193	1661
PS-358	3/4	C	1	1.375	BCFJF		Self Priming Pump 673	1361
PS-703	7/8	D	1	1.500	BCDJF		Turbo Pak 523BF- 524 BG	429 7/8
PS-360	1	A	1	1.625	BCFJF		Type M-907 and M-908	7561
PS-381	1-1/4	D	1	1.875	BCFJF		Type M-909 and M-910	909-61
<b>LEAR SIEGLER (See Sherwood Brass)</b>								
<b>LEHIGH</b>								
PS-752	3/4	D	1	1.375	BCDKF			D-811
PS-108	1-1/4	E	1	1.875	NCPKP			D-845

**NOTE:** A. MOUNTS ON SHAFT

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>LELAND FARADAY</b>								
PS-142	1/2	B	1	1.000	BMFJF			
PS-163	1/2	B	1	1.000	BMFJF		LFP-43000	
PS-1000	5/8	B	1	1.250	BMFJF		LFP-2075, 2100, 2150, 2200	
PS-800	5/8	C	1	1.156	BMFJF	H	LFP-333-615, 14107-14120	
PS-877	3/4	C	1	1.375	BCFJF		LFP-533-1100, 5050, 5075, 5100	
<b>LEROY SOMER NORTH AMERICA</b>								
PS-3893	7/8	C	3 Special	1.500	VCFGF			90243401
PS-3945	1-1/4	C	3 Special	1.875	VCFGF			90311601
PS-3584	1-3/8	C	3 Special	2.000	VCFGF			90300001
PS-3943	1-1/2	C	3 Special	2.125	VCFGF			90348301
PS-3939	1-5/8	C	3 Special	2.375	VCFGF			90352401
<b>LEWIS® PUMPS (Div. of WEIR GROUP)</b>								
PS-381	1-1/4	D	1	1.875	BCFJF			
PS-3555	1-1/4	D	1	1.875	QLFLF			10282
PS-3032	1-1/4	D	1	1.875	VLFLF			
PS-205	1-3/4	E	1	2.500	BCFJF			
PS-205-P66	1-3/4	E	1	2.500	BCFJF	I		21353
PS-366	1-3/4	E	1	2.500	BCFKF			10283
PS-3031	1-3/4	E	1	2.500	VLFLF	316SS		
PS-858-EPR-SC-SC	1-3/4	E	3	2.500	QLFLF	S		14690
<b>LIBERTY PUMPS</b>								
PS-4064	5/8	Special	Special	.950	BMFJF	Unitized		50980A0
PS-4065	5/8	Special	Special	1.110	BMFJF	Unitized		5120000
PS-4066	3/4	Special	Special	1.334	BLFLF	Unitized		5633000
<b>LIGHTNIN</b>								
PS-4532	2-1/2	D Special	3 Special	3.250	VCFZF	316SS	Side Entry Mixer	
<b>LINK BELT</b>								
PS-357	1	C	1	1.625	BCFKF			WB-35
PS-355	1-1/8	C	1	1.750	BCFKF			WB-40
PS-461	1-5/8	D	1	2.375	BCDKF			WB-60
PS-288	1-3/4	D	1	2.500	BCDKF			WB-70
<b>LITTLE GIANT PUMP CO. (Div. of FRANKLIN ELECTRIC CO., INC.)</b>								
PS-3048	1/2	B	1	1.000	BCFJF			926029, 926030
PS-163	1/2	B	1	1.000	BMFJF			926024
PS-165	1/2	B	9	.906	BMFJF	A		108112, 926031
PS-961	5/8	B	1	1.250	BCFJF			926034
PS-1000	5/8	B	1	1.250	BMFJF			
FA-1350	5/8	C	—	—	BCF-F			926052
PS-356V	1-1/8	C	3	1.750	VCFJF	S		926042, 926043
<b>LOBEE PUMP &amp; MACHINERY CO.</b>								
PS-9009	7/8	W	2	1.500	TCFJF	316SS	RLX2016	CAM1215
<b>LOCKWOOD PUMP</b>								
PS-301	3/4	A	1	1.375	BMFJF			
PS-360	1	A	1	1.625	BCFJF		CM Pump	
<b>LOGANSPOUT</b>								
FA-400	1/2	C	—	—	BMF-F			P-9809
PS-106	1/2	C	1	1.000	BCFKF			P-17251
FA-135	5/8	D	—	—	BCD-F		SF-4, SF-10	P-14883
FA-564	3/4	C	—	—	BCF-F		SF-80, 100, 125, 150	P-9518
<b>LOMART</b>								
FA-10	1/2	B	—	—	BMF-F		Seat is Impeller	
PS-142	1/2	B	1	1.000	BMFJF			
PS-163	1/2	B	1	1.000	BMFJF			40-027, 40-029
PS-1000	5/8	B	1	1.250	BMFJF			
<b>LOUIS PUMP</b>								
PS-370	1	A	1	1.625	BCFKF		AV-MV	1984
<b>LOU-RICH MACHINE TOOL</b>								
PS-6305	1	Q	2	1.625	BMDAF			13417
PS-2806	1	Q	9	1.625	BCFJF			28599

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>LUITWEILER PUMP</b>								
PS-201	3/4	A	1	1.375	BMFJF		GSX	72344
PS-361	1-1/4	E	1	1.875	BCFJF		BDAC	052016
<b>LYCO WAUSAU, INC.</b>								
PS-446	1-3/4	C	1	2.500	BCFJF			1100-17
<b>MAGNETROL (See SCHAUB ENGINEERING)</b>								
<b>MAGNUM PRODUCTS, LLC.</b>								
PS-516	5/8	A	1	1.250	BCFJF			48273
PS-851	3/4	A	1	1.375	BCFJF			48244
PS-185-SC-SC	1-1/4	C	1	1.875	BLFLF			48253
PS-758	1-1/2	C	1	2.125	BCFJF			48265
PS-541	1-1/2	K	1	2.125	BCFJF			42764
<b>MANITOWOC CO., INC.</b>								
PS-360	1	A	1	1.625	BCFJF			003705011
<b>MARLOW (Div. of ITT INDUSTRIES)</b>								
PS-151	5/8	B	1	1.375	BMFJF			42513-00
PS-2161	5/8	B	1	1.375	BMFJF		SCT Series SS	46328-00
PS-411	5/8	B	11	—	BMFJF	A	H23EC-A 1-1/2 HP, 2AF Series	23736-00, 25353-00 25353-20, 26467-00
PS-411V	5/8	B	11	—	VCFJF	A		27678-00, 29163-00 29163Z
PS-201	3/4	A	1	1.375	BMFJF		Argonaut®, Mardur®	38592-00
PS-405	1	A	25	1.625	B/VCFJF			26473-00
PS-413	1	C	25	1.625	BCFJF			20760-00, 25355-00
PS-978	1-1/4	C	1	1.765	BCFJF	B	L Series	186862, 45672-20
PS-979	1-1/4	C	1	1.765	BCFKF	B		
PS-923	1-1/4	C	25	2.250	BCFJF	B		27233-20, 27452-00
FA-190	1-1/4	D	—	—	BCF-F			27453-00
PS-416A	1-1/4	D	25	2.250	BCFJF		3B Series	27223-00, 27224-00 27225-00, 3B28EC-C2
PS-7919	1-3/8	C	3	2.000	B/VLFLF			43350-00
PS-929	1-3/8	C	25	2.000	BCFJF			25481-00
PS-404	1-3/8	D	25	2.000	BCDJF			25356-00, 25356-20 26477-00
PS-8048	1-3/8	XT	3	2.125	VCFJF	316SS		45184000000
PS-3832	1-5/8	C	1	2.375	QCFLF	B/I		
PS-818	1-5/8	C	3	2.375	BCFJF	S		46983-00
PS-544V-SC-SC	1-5/8	C	3	2.375	VLFLF	S		43435-00
PS-7497	1-5/8	C	25	2.500	B/VCFJF		ICA 066, 4SPC	28146-20, A05669E000R
PS-514	1-5/8	D	1	2.375	BCDJF		L Series	186543, 45673-20
PS-446	1-3/4	C	1	2.500	BCFJF			25357-00
PS-550	1-3/4	C	3	2.500	BCFJF	S	6EL	47182-00
PS-3040	1-3/4	K	3	2.750	BCFJF			4DW165B
PS-267	2	C	1	2.750	BCFJF			25358-00
PS-478	2	E	1	2.687	BCFKF			
PS-7963	2	K	3	3.000	BCFJF			43426000000
<b>MASSEY FERGUSON</b>								
FA-642	5/8	B	—	—	BMF-F			892-563M1
FA-647	3/4	B	—	—	BMF-F			1019-293M1
<b>MCDONALD A-Y</b>								
PS-166	5/8	A	1	1.187	BMFJF			5MCD1
PS-501	5/8	A	1	1.250	BMFJF		3000, 4000 and 4100 Jet Well	5MCD4
PS-201	3/4	A	1	1.375	BMFJF			5MCD5
PS-521	1-1/8	D	1	1.875	BCFKF			5MCD2
<b>MEGATOR CORP.</b>								
PS-359	5/8	C	1	1.250	BCFJF			5079
PS-359V-CMS	5/8	C	1	1.250	VCFJF			5079V
PS-358	3/4	C	1	1.375	BCFJF			5479
PS-309	7/8	C	1	1.500	BCFJF			5679
PS-309V-CMS	7/8	C	1	1.500	VCFJF			5679V
PS-356	1-1/8	C	1	1.750	BCFJF			5879

A. MOUNTS ON SHAFT  
 B. TAPERED SPRING  
 I. ABRASION RESISTANT CARBON (P66)  
 S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>MEGATOR CORP. (continued)</b>								
PS-356-TC-TC	1-1/8	C	1	1.750	BZFZF			5879TC
PS-356V-CMS	1-1/8	C	1	1.750	VCFJF			5879V
PS-185	1-1/4	C	1	1.875	BCFJF			5779
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			5779V
PS-758	1-1/2	C	1	2.125	BCFJF			5979
PS-758V-CMS	1-1/2	C	1	2.125	VCFJF			5979V
<b>MEMPHIS PUMP &amp; MFG. CO., INC.</b>								
PS-100	5/8	A	1	1.187	BMFJF			0625-6BC
PS-118	5/8	C	1	1.187	BCFJF			
PS-1091	5/8	C	1	1.187	VCFJF			
PS-508	5/8	D	1	1.250	BCDJF			
PS-201	3/4	A	1	1.375	BMFJF			
PS-1093	3/4	C	1	1.375	VCFJF			
PS-1092	3/4	C	1	1.375	VCFKF			
PS-1094	1	C	1	1.625	VCFJF			
<b>MEPCO: (Marshall Engineered Products Co.) See DUNHAM-BUSH</b>								
<b>METAL MASTER</b>								
FA-10	1/2	B	—	—	BMF-F		Seat is Impeller	12515
PS-680	5/8	A	1	1.187	BCFJF			19023
PS-702	5/8	A	1	1.187	BMFJF			15110
PS-200	5/8	A	1	1.250	BMFJF			
PS-153	5/8	A	1	1.250	BMFKF			
PS-151	5/8	B	1	1.375	BMFJF			
<b>MET-PRO CORP.</b>								
PS-1000V	5/8	B	3	1.250	VCFJF			6960440
PS-3962	5/8	W Special	2	1.250	TCFJF	316SS		6960444
FA-10037	1	C	—	—	VCF-F			6765570
PS-236V	1	E	3	1.625	VCFKF	S		6764554
FA-9349	1	WT	—	—	TCF-F	316SS		6765575
PS-9349	1	WT	27	2.000	TCFZF	316SS		
PS-4505	1-1/8	C	3	1.750	VCFLF	S	Light Spring Load	6765938
FA-2104V	1-3/8	E	—	—	VCF-F			6767102
FA-9341	1-3/8	WT	—	—	Special	316SS		6767108
PS-1056V	1-3/4	C	3	2.500	VCFKF	S		6765941
PS-1056V-SC-SEAT	1-3/4	C	3	2.500	VCFLF	S		6765942
PS-366V	1-3/4	E	3	2.500	VCFKF	S		6764540, 6765965
FA-9316	1-3/4	WT	—	—	TCF-F	316SS		6765804
PS-8125	1-3/4	XB1	5	2.125	YCFZF	316SS		
FA-8000	1-3/4	XB1T	—	—	Special			6765776
PS-8122	2	XB1	3	2.500	XCFLF	316SS/S		6765945
<b>MEYER- MOJONNIER</b>								
PS-227	1	D	1	1.750	BCFKF			750062149
<b>MIDLAND PRODUCTS (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-201	3/4	A	1	1.375	BMFJF			6070-0
PS-360	1	A	1	1.625	BCFJF		5M, 7M and 18M	6007-0
PS-177	1-3/8	C	1	2.000	BCFJF		40M and 40W	
PS-805	1-3/8	C	3	2.000	BCFJF	S		6368-0
PS-550	1-3/4	C	3	2.500	BCFJF	S		6412-0
PS-532	2	C	3	2.750	BCFJF	S		6428-0
<b>MILE HIGH EQUIPMENT CO.</b>								
PS-3120	1	Q	Special	1.625	Special			9121026-91
PS-6311	1-5/8	Q	Special	2.375	N/BMDAF			9121025-91
PS-4133	1-3/4	Q	Special	2.500	Special			9021142-01
<b>MILRECO</b>								
PS-448	1-3/4	C	1	2.500	BCFKF			
<b>MILTON ROY</b>								
PS-1002V	1/2	C	1	1.000	VCFJF			7802910
<b>MONARCH PUMPS (Div. of FRANKLIN ELECTRIC CO., INC.)</b>								
PS-200	5/8	A	1	1.250	BMFJF			240160
PS-200V-CMS	5/8	A	1	1.250	VCFJF		ATH, AT600	240136
PS-851	3/4	A	1	1.375	BCFJF			240260
PS-201	3/4	A	1	1.375	BMFJF			240170, MS17

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>MONARCH PUMPS (Div. of FRANKLIN ELECTRIC CO., INC.) (continued)</b>								
PS-201V-CMS	3/4	A	1	1.375	VCFJF		BSGF 6&8, B2U	240344, MS44
PS-460	1	D	1	1.625	BCFKF			240060
PS-185	1-1/4	C	1	1.875	BCFJF			240070
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF		8BSGF	240359
PS-186	1-3/8	D	1	2.000	BCDKF			240367
PS-758V-CMS	1-1/2	C	1	2.125	VCFJF			240362
PS-3972	1-1/2	K	3	2.500/ 2.125	VLFLF	S	BSGF-12-GS	240306
PS-448	1-3/4	C	1	2.500	BCFKF			240120
PS-436V	1-3/4	C	3	2.500	VCFKF	S		240387
PS-835	2-1/2	D	3	3.375	BCDJF	S		240363
PS-838	2-3/4	E	3	3.500	V/BCFJF	S		240290
<b>MONTGOMERY WARD</b>								
PS-358	3/4	C	1	1.375	BCFJF			24181
<b>MORETRENCH</b>								
PS-7766	2-1/4	K	3	3.125	BCFJF			
<b>MOYNO, INC.</b>								
PS-1002	1/2	C	1	1.000	BCFJF			3204215000
PS-4214	1/2	C	1	1.000	BCFJF			3206480000
PS-631	1/2	C	1	1.000	BCFJF	N		
PS-1002-EPR	1/2	C	1	1.000	QCFJF			3206497000
PS-1002V	1/2	C	1	1.000	VCFJF			3206037000
PS-200	5/8	A	1	1.250	BMFJF			
PS-359	5/8	C	1	1.250	BCFJF			3202424000
PS-1119	5/8	C	1	1.250	BCFJF		EC & EM	3202423000
PS-359-EPR-CMS	5/8	C	1	1.250	QCFJF			3206379000
PS-359V-CMS	5/8	C	1	1.250	VCFJF			3206501000
PS-633V-TC-SC	5/8	C	1	1.250	VZFLF			
PS-851	3/4	A	1	1.375	BCFJF		48-65C	3201625000
PS-358	3/4	C	1	1.375	BCFJF			3203945000
PS-5723	25MM	C	1	1.575	QCFLF	316SS		4230509001
PS-360	1	A	1	1.625	BCFJF		EC-67	
PS-548	1	C	3	1.625	BCFJF	S		3201750000
PS-380	1	D	1	1.625	BCFJF			
PS-4029	1-1/4	C	1	1.875	QCFZF	316SS		0040689211
PS-8592	1-5/16	X	3	1.937	VCFZF	316SS		0040763641
PS-262	1-3/4	E	3	2.500	BCFKF	S		
PS-3158	45MM	G	25	63MM	VLFLF	A		4241749045
PS-3276	60MM	G	2	80MM	VLFLF	B		4241749060
PS-3255	3-1/4	T	3	4.125/ 4.500	VLFLF			40402041-1A
<b>MP PUMPS, INC.</b>								
PS-114	5/16	A	1	1.000	BMDJF			
PS-162	1/2	A	1	1.000	BMFJF			21609
PS-165	1/2	B	9	.906	BMFJF	A		
PS-113	5/8	B	1	1.093	BMFJF			13385
PS-447V	5/8	B	8	—	VCFJF	A		21580
PS-359V-CMS	5/8	C	1	1.250	VCFJF			35052
PS-4520	3/4	B	3	1.375	VCFJF			28048
PS-358	3/4	C	1	1.375	BCFJF			15151
PS-112	3/4	C	1	1.375	BCFKF			15112
PS-3110	3/4	C	1	1.375	BLFLF			34611
PS-2746	3/4	C	1	1.375	VCFJF	B		22640
PS-3788	3/4	G	3	1.375	VCFJF			30061
PS-9339	3/4	W	2	1.375	TCFJF	316SS		30054
PS-703	7/8	D	1	1.500	BCDJF			9524
PS-245V-CMS	1	C	1	1.625	VCFJF	B/H	Flomax 5 & 8	22272 - Old Style
PS-248V-CMS	1	C	1	1.625	VCFKF	B/H		22274
PS-380	1	D	1	1.625	BCFJF			14233
PS-3266	1	D	3	1.625	VCFLF	I		29773
PS-4195	1	G	1	1.625	VCFJF	316SS	Flomax 5 & 8	22273
PS-604	1-1/8	D	1	1.750	BCFJF			
PS-758	1-1/2	C	1	2.125	BCFJF			37203


**NOTE:** A. MOUNTS ON SHAFT      N. NON-STANDARD SPRING HOLDER  
 B. TAPERED SPRING      S. SLOTTED MATING RING  
 H. SPRING HOLDER NOT INCLUDED  
 I. ABRASION RESISTANT CARBON (P66)

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>MP PUMPS, INC. (continued)</b>								
PS-347	1-1/2	C	1	2.125	BCFJF	B/H		14421, 14424
PS-347V-CMS	1-1/2	C	1	2.125	VCFJF	B/H	Flomax 10 & 15	22361
PS-4482	1-1/2	C	1	2.125	VCFKF	B/H		22363
PS-3249	1-1/2	C	3	2.125	NLFLF	B/S		35840
PS-382	1-1/2	D	1	2.125	BCFJF			
PS-3992	1-1/2	G	1	2.125	VCFJF			31374
PS-7587	1-1/2	W	2	2.125	TCFJF	316SS		26565
PS-446V-CMS	1-3/4	C	1	2.500	VCFJF			26685
PS-7959	1-3/4	D	3	2.500	VRFZF	S		26752
<b>MTH TOOL CO., INC.</b>								
PS-3133	5/8	C	3	1.250	NCFKF			12-5013-01-478
FA-10036	7/8	C	—	—	VCF-F	I		12-1068-01-494
FA-9009	7/8	W	—	—	TCF-F	316SS		12-3300-01-509
PS-9317	1-3/8	W	2	2.000	TCFJF	316SS		12-1675-01-509
<b>MURPHY DIESEL</b>								
PS-358	3/4	C	1	1.375	BCFJF			MD-4090
<b>MUSKIN</b>								
PS-163	1/2	B	1	1.000	BMFJF			09-2001
PS-142	1/2	B	1	1.000	BMFJF			09-2013
<b>MYERS, F.E. (Check PENTAIR, INC. for Additional Part Numbers)</b>								
PS-162	1/2	A	1	1.000	BMFJF			21607A015
PS-4038	1/2	Q	9	—	BMFJF	A		21607A001
PS-200	5/8	A	1	1.250	BMFJF			10840A1, A2, A3 14525A000, 1425A010 16275A
PS-200V-CMS	5/8	A	1	1.250	VCFJF			21181A044
PS-3845	5/8	B	8	1.109	BMFJF			25053A000
PS-359	5/8	C	1	1.250	BCFJF	H		22447A000
PS-359V-CMS	5/8	C	1	1.250	VCFJF			21181A021
PS-508	5/8	D	1	1.250	BCDJF			10840A1
PS-968	3/4	A	1	1.437	BCFJF			11416A000
PS-101	3/4	A	1	1.437	BMFJF		H, HN, K, MHN	11416A, A2, A3
PS-902	3/4	B	9	—	BMFKF	A		21579A
PS-1125	3/4	C	1	1.375	BCFJF			25370A000
PS-7514	3/4	C	1	1.437	BCFJF	N	2C200	21181A017
PS-309	7/8	C	1	1.500	BCFJF			21576A000
PS-3907	7/8	C	1	1.500	BCFJF			21576A010
PS-3749	7/8	C	1	1.500	BCFJF			21576A011
PS-7130	7/8	C	1	1.500	BCFJF			WG-20-21-15
PS-703	7/8	D	1	1.500	BCDJF		125 Centri-Thrift	11716A1
PS-983V	1-1/8	C	3	1.750	VCFKF	S		21181A6
PS-204	1-1/8	E	1	1.750	BCFJF			8824A1
PS-185	1-1/4	C	1	1.875	BCFJF			22577A000
PS-185-SC-SC	1-1/4	C	1	1.875	BLFLF			21181A062
PS-2208	1-1/4	C	1	1.875	BZFZF			21181A019
PS-381	1-1/4	D	1	1.875	BCFJF			21181A016, 15218A
PS-758	1-1/2	C	1	2.125	BCFJF			22922A000, 9200011
PS-2209	1-1/2	C	1	2.125	BZFZF			21181A013
PS-758V-CMS	1-1/2	C	1	2.125	VCFJF			21181A022, 9200031
PS-659V-TC-VS-TC	1-1/2	C	1	2.125	VZFZF			21181A064
PS-238	1-5/8	C	1	2.375	BCFJF			21181A032
PS-2212	1-3/4	C	1	2.500	BCFJF			22883A000
PS-446	1-3/4	C	1	2.500	BCFJF			11049-001-1
PS-237	1-3/4	D	1	2.500	BCDJF			
PS-7138	2-1/4	C	1	3.125	BCFJF			23605A000
PS-7138-TC-TC	2-1/4	C	1	3.125	BZFZF			21181A020
PS-1088	3	C	3	3.875	BCFJF	B/S		25449A000
<b>NASH_ELMO (Div. of GARDNER DENVER NASH)</b>								
PS-100	5/8	A	1	1.187	BMFJF			
PS-100V-CMS	5/8	A	1	1.187	VCFJF			PK-0389
PS-600	5/8	B	1	1.187	BMFJF			PK-0339



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>NASH_ELMO (Div. of GARDNER DENVER NASH) (continued)</b>								
PS-600V-CMS	5/8	B	1	1.187	VCFJF			PK-0654
PS-452	5/8	B	9	—	BMFJF	A	S1-1/4C	
PS-764	3/4	A	1	1.375	BCFJF			PK-0482
PS-866	1-1/8	E	3	1.750	BCFJF	S		PK-0295, PK-0754
PS-282	1-1/8	U	3	1.750	BCFKF	S		PK-0334
PS-177	1-3/8	C	1	2.000	BCFJF		MH-50, MH-80	PK-0874
PS-177V	1-3/8	C	3	2.000	VCFJF	S		PK-2044
PS-354	1-3/8	E	1	2.000	BCFJF		AL 621	PK-0475
PS-864	1-3/8	E	3	2.000	BCFJF	S		PK-0873
PS-758	1-1/2	C	1	2.125	BCFJF			PK-0791
PS-2223	1-1/2	C	3	2.125	VCFZF	S		PK-0959
PS-382	1-1/2	D	1	2.125	BCFJF		MPS-673	PK-0624
PS-817	1-1/2	D	3	2.125	BCFJF	S		PK-0302, PK-0306
PS-305	1-1/2	E	1	2.125	BCFJF		MP-40	PK-0678
PS-884	1-1/2	K	1	2.125	BCFKF		MPS-40	
PS-238V	1-5/8	C	3	2.375	VCFJF	S		PK-3437
PS-3125	1-3/4	C	3	2.500	BCFJF	I/S		PK-0900
PS-446V-P66	1-3/4	C	3	2.500	VCFJF	I/S		PK-1531
PS-340	1-7/8	C	1	2.625	BCFJF			PK-0893
PS-338V	2-1/8	C	3	3.000	VCFJF	S		PK-3438
PS-9122	2-1/8	W	2	3.000	TCFJF	316SS		PK-2510
PS-874	2-1/4	D	1	3.125	BCDJF		1-1/2 H-6	PK-0341
PS-2089	2-1/4	D	3	3.125	BCFJF	S		PK-0479
PS-9120	2-1/4	W	2	3.125	TCFJF	316SS	SC-4&5	PK-2516
PS-3233	2-3/8	C	3	3.250	VCFJF	316SS/S		PK-3439
PS-269V	2-1/2	C	3	3.375	VCFJF	S		PK-1772
PS-838	2-3/4	E	3	3.500	V/BCFJF	S		PK-0523
PS-9314	2-3/4	W	2	3.500	TCFJF	316SS		PK-3368
PS-8120	2-3/4	X	3	3.500	VCFZF	316SS		PK-3181
PS-2116	3	C	3	3.875	BCFJF	S	AD-303	PK-0937
PS-9140	3	W	2	3.875	TCFJF	316SS		PK-2522
PS-8706	3-3/8	X	3	4.250	V/TCFJF	316SS/S		PK-3529
PS-9351	4	W	2	4.875	TCFJF	316SS		PK-2549
PS-8126	4-1/4	X	3	5.250	VCFJF	316SS		PK-3513
<b>NATIONAL OILWELL VARCO</b>								
PS-801	1-1/8	C	3	1.750	B/VCFJF	S		601500044
PS-4454	1-1/8	C	3	1.750	VZFZF	S		601500051
PS-2738	1-1/8	E	3	1.750	VCFKF	C/S	Includes Bushing	603450602
PS-3276	60MM	G	2	80MM	VLFLF			A200-0118
PS-3143	3-1/2	E	3	4.375	VZFZF			658416102, 662010127
VG-3015	2-1/2	H Special	3	3.375	VZFZF	316SS		22451-1
<p><b>VG-3015</b></p> <ul style="list-style-type: none"> <li>▪ Used in Mission™ Magnum™ 1 Mud Pumps</li> <li>▪ Rugged design with machined 316SS retainer and drive band</li> </ul> <p>Mission™ Magnum™ is a registered trademark of National Oilwell Varco.</p> <div style="text-align: right;">  <p><b>VG-3015</b></p> </div>								
<b>NEPTUNE</b>								
FA-10	1/2	B	—	—	BMF-F		Seat is Impeller	
<b>NEW BRUNSWICK SCIENTIFIC</b>								
PS-3082	3/8	C	3	.875	Q/NCFJF			PO280-0072
PS-4465	3/4	C	3	1.375	VCFJF	316SS		PO280-4582
PS-8036	3/4	X	5	1.383	QCFZF	316SS		PO280-0120
PS-8123	3/4	X	5	1.625	T/QCFZF	316SS/I		PO280-4590
PS-8101	3/4	X Special	5	1.375	QCFZF	316SS		PO280-0420
PS-8116	1	X	5	1.633	QCFZF	316SS		PO280-4120
PS-8044	1-7/16	X	5	2.125	VCFZF	316SS		PO280-0131
PS-8600	1-1/2	X	5	2.133	QCFZF	316SS		PO280-0464
PS-8561	2	X	5	2.750	QCFZF	316SS		
PS-8128	2-3/4	X	5	3.500	QCFZF	316SS		PO280-0463

**NOTE:** A. MOUNTS ON SHAFT  
 C. COMPLETE WITH COLLAR  
 I. ABRASION RESISTANT CARBON (P66)  
 S. SLOTTED MATING RING


# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>OBERDORFER PUMPS</b>								
PS-671	3/8	B	1	.875	BMFJF		IGCC Pump	32373
PS-671V-CMS	3/8	B	1	.875	VCFJF			
PS-1098	1/2	B	1	.875	BMFJF		142	32482
PS-2720	1/2	C	3	1.000	BCFJF			32584
PS-3197	1/2	C	3	1.000	VCFJF	316SS		32772
PS-3003	1/2	G	3	1.000	BCFJF			32592
FA-642	5/8	B	—	—	BMF-F		4GP, 9GP, RA-TV, RB-TB	A-5377, A-6019, 2913
PS-600	5/8	B	1	1.187	BMFJF		4GP, 9GP, RA-TV, RB-TB	
FA-10034	5/8	C	—	—	VCF-F			9798A
PS-359	5/8	C	1	1.250	BCFJF			A-5935
PS-4346	5/8	C	3	1.187	VCFJF	316SS		33109
PS-9354	5/8	WA	3 Special	1.312	T/YCFKF			32211
PS-235	1	C	1	1.625	BCFJF			32315
PS-235V-CMS	1	C	1	1.625	VCFJF			32372
<b>OHLER PUMP</b>								
PS-235	1	C	1	1.625	BCFJF			
PS-357	1	C	1	1.625	BCFKF			
PS-185	1-1/4	C	1	1.875	BCFJF			
PS-186	1-3/8	D	1	2.000	BCDKF			
<b>PACER PUMPS</b>								
FA-2751	3/4	B	—	—	QCF-F	316SS		P-58-0964 12
PS-601	3/4	B	1	1.375	BMFJF			714-11
PS-4056	3/4	B	1	1.375	QCFJF		S1A150-704, S2A150-704 S2A150-975, S3A150-975	714-12
PS-601V-CMS	3/4	B	1	1.375	VCFJF			714-14
<b>PAC-FAB (PENTAIR POOL PRODUCTS)</b>								
PS-952	5/8	A	1	1.250	BCFJF		AV-7 Pump	23822
PS-200	5/8	A	1	1.250	BMFJF		Challenger®, Dynamite, Dynamo® Dynatron®, Pinnacle®	354545
PS-201	3/4	A	1	1.375	BMFJF		Hydropump®	354001
<b>PACIFIC PUMPING CO. (PACO)</b>								
PS-516	5/8	A	1	1.250	BCFJF			14010242
PS-200	5/8	A	1	1.250	BMFJF			SL-7101, SL-7741 K102-1, 91909744
PS-628	5/8	A	3	1.250	BMFKF			K100-7, 14008630 K102-7, 91909687 91909747
PS-1618	5/8	C	1	1.250	BCFJF	B		14032695
PS-2149	5/8	C	3	1.250	BCFKF	B		14032688
PS-508	5/8	D	1	1.250	BCDJF			SL-7100
PS-973	3/4	A	1	1.375	BCFKF			K101-7, 91909722
PS-201	3/4	A	1	1.375	BMFJF			K101-1, 91909719
PS-768	3/4	C	3	1.375	BCFKF			14032689
PS-112V	3/4	C	3	1.375	VCFKF			14032363
PS-750	3/4	D	1	1.375	BCDJF		1-1/2LRV, 1-1/4JS	
PS-752	3/4	D	1	1.375	BCDKF			SL-7104
PS-703	7/8	D	1	1.500	BCDJF			SL-7098
PS-235	1	C	1	1.625	BCFJF			SL-7735
PS-380	1	D	1	1.625	BCFJF			SL-7087
PS-460	1	D	1	1.625	BCFKF			SL-7106
PS-754	1	E	1	1.625	BCFJF			14007521
PS-204	1-1/8	E	1	1.750	BCFJF			SL-7770
FA-756	1-1/4	C	—	—	BCF-F			14032143
PS-2122	1-1/4	C	1	1.875	BCFJF			14032698, K105-1, K107-1 91909832, 91909909
PS-185	1-1/4	C	1	1.875	BCFJF			14033710
PS-756	1-1/4	C	1	1.875	BCFKF			SL-7094
PS-1109	1-1/4	C	3	1.875	BCFKF			K105-7, 14032691 91909838
PS-756V	1-1/4	C	3	1.875	VCFKF			K107-6, 91909912
PS-1109V	1-1/4	C	3	1.875	VCFKF			K105-6, 14032365 91909837
PS-361	1-1/4	E	1	1.875	BCFJF		2CLSU-3ALR	14007099

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PACIFIC PUMPING CO. (PACO) (continued)</b>								
PS-361-P66	1-1/4	E	1	1.875	BCFJF	I		14007083
PS-137	1-1/4	E	1	1.875	BCFKF			SL-8102
PS-1183-P66	1-1/4	E	3	1.875	BCFKF	I		14008102
PS-137V-P66	1-1/4	E	3	1.875	VCFKF	I		K600-6, 91911824
PS-3974	1-3/8	DB	1	1.875	BCFJF			14007089
PS-758	1-1/2	C	1	2.125	BCFJF			
PS-371	1-1/2	D	1	2.125	BCFKF			
FA-305	1-1/2	E	—	—	BCF-F			14010219
PS-305	1-1/2	E	1	2.125	BCFJF			SL-8223
PS-374	1-1/2	E	1	2.125	BCFKF			
FA-1660	1-3/4	C	—	—	BCF-F			14032145, 14032355
PS-446	1-3/4	C	1	2.500	BCFJF			91909802
PS-2142	1-3/4	C	1	2.500	BCFJF			K104-1
PS-2150	1-3/4	C	3	2.500	BCFJF	S		K106-1, 91909874 K108-1, 91909944
PS-2151	1-3/4	C	3	2.500	BCFKF	S		K303-7, 14032693
PS-2151V	1-3/4	C	3	2.500	VCFKF	S		K106-6, 91909878 K108-6, 91909947
PS-2151V-TC-SEAT	1-3/4	C	3	2.500	VCFZF	S		14032384
PS-205	1-3/4	E	1	2.500	BCFJF		3CLSU	SL-7090, 14007090
PS-366	1-3/4	E	1	2.500	BCFKF			SL-8398
PS-262	1-3/4	E	3	2.500	BCFKF	S	KP3014-516	K307-71, 14008148 14008650, 14009965 29-5015-47001
PS-449	1-3/4	K	1	2.500	BCFJF			14033023
FA-1875	1-7/8	C	—	—	BCF-F			14033944
PS-3070	1-7/8	DB	3	2.500	BCDJF	S		
FA-513V	1-7/8	E	—	—	VCF-F			14034032
FA-2000	2	C	—	—	BCF-F			14032146
PS-479	2	E	1	2.750	BCFJF			K602-1, 91911836
PS-843	2	E	1	2.750	BCFKF			K602-7, 91911839
PS-530	2	E	3	2.750	BCFJF	S		K602-6, 91911838
PS-477	2	E	3	2.750	BCFKF	S		
PS-3537	2-1/4	C	1	3.125	BCFJF			14032701
PS-3041	2-1/4	C	3	3.125	BCFKF			14032694
PS-323	2-1/4	E	1	3.125	BCDJF			14001709, 14007709
PS-351	2-1/4	E	1	3.125	BCDKF			14017123 29-60122-47001 91909286
PS-1688	2-1/4	E	3	3.125	BCFJF	S		K111-1, 91910192
PS-2094V	2-1/4	E	3	3.125	VCFKF	S		K111-6, 91910195
PS-8089	2-1/2	XB1	3	3.125	QCFLF	316SS/I/S		
PS-4236	3-1/2	R	3	4.375	BCFJF			14032979

Value Guard Part No.	Seal Size	Material Code	Mfg. Part No.
<b>PACIFIC PUMPING CO. (PACO) - Replacement Seal Kits for Split Case Pumps</b>			
VGK-1000	1-3/4	BCFJF	K0303-1
VGK-1000B*	1-3/4	BCFJF	K0303-1
VGK-1001	1-3/4	VCFKF	K0303-6
VGK-1001B*	1-3/4	VCFKF	K0303-6
VGK-1002	1-3/4	BCFKF	K0303-7
VGK-1002B*	1-3/4	BCFKF	K0303-7
VGK-1003	1-3/4	BCFJF	K0308-1
VGK-1003B*	1-3/4	BCFJF	K0308-1
VGK-1004	1-3/4	VCFKF	K0308-6
VGK-1004B*	1-3/4	VCFKF	K0308-6
VGK-1005	1-3/4	BCFKF	K0308-7
VGK-1005B*	1-3/4	BCFKF	K0308-7



**VGK-1003**

Kits include appropriate gaskets and o-rings, slingers and mechanical seals.  
 \* Kits with the letter B in the part number include the items listed above PLUS the bearings and oil seal.  
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 Products supplied are manufactured or purchased by U.S. Seal Mfg. from sources other than the company listed.

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Size		Material Code	Notes	Old Paco No.	New Paco No.
<b>PACIFIC PUMPING CO. (PACO) - Replacement Seal Kits for End Suction Pumps</b>						
VGK-1006	5/8		BCFJF		K100-1	91909684
VGK-1007	5/8		VCFKF		K100-6	91909686
VGK-1008	5/8		BCFKF		K100-7	91909687
VGK-1012	5/8		BMFJF		K102-1	91909744
VGK-1013	5/8		VCFKF		K102-6	91909746
VGK-1014	5/8		BCFKF		K102-7	91909747
VGK-1009	3/4		BMFJF		K101-1	91909719
VGK-1010	3/4		VCFKF		K101-6	91909721
VGK-1011	3/4		BCFKF		K101-7	91909722
VGK-1054	7/8		BCFJF		K1503-1	91910735
VGK-1018	1-1/4		BCFJF		K105-1	91909832
VGK-1019	1-1/4		VCFKF		K105-6	91909837
VGK-1020	1-1/4		BCFKF		K105-7	91909838
VGK-1024	1-1/4		BCFJF		K107-1	91909909
VGK-1025	1-1/4		VCFKF		K107-6	91909912
VGK-1026	1-1/4		BCFKF		K107-7	91909913
VGK-1061	1-1/4		BCFJF		K453-1	91911801
VGK-1062	1-1/4		VCFKF		K453-6	
VGK-1063	1-1/4		BCFKF		K453-7	
VGK-1070	1-1/4		BCFJF		K600-1	91911821
VGK-1071	1-1/4		VCFKF		K600-6	91911824
VGK-1072	1-1/4		BCFKF		K600-7	91911825
VGK-1073	1-1/4		BCFJF		K601-1	91911832
VGK-1074	1-1/4		VCFKF		K601-6	91911834
VGK-1075	1-1/4		BCFKF		K601-7	91911835
VGK-1079	1-1/4		BCFJF		K607-1	
VGK-1080	1-1/4		VCFKF		K607-6	91911848
VGK-1081	1-1/4		BCFKF		K607-7	
VGK-1082	1-1/4		BCFJF		K608-1	
VGK-1083	1-1/4		VCFKF		K608-6	91911850
VGK-1084	1-1/4		BCFKF		K608-7	
VGK-1058	1-1/4		BCFJF		K1815-1	91910839
VGK-1059	1-1/4		VCFKF		K1815-6	91910841
VGK-1060	1-1/4		BCFKF		K1815-7	91910842
VGK-1055	1-3/8		BCFJF		K1575-1	
VGK-1056	1-3/8		VCFKF		K1575-6	
VGK-1057	1-3/8		BCFKF		K1575-7	91910804
VGK-1015	1-3/4		BCFJF		K104-1	91909802
VGK-1016	1-3/4		VCFKF		K104-6	91909805
VGK-1017	1-3/4		BCFKF		K104-7	91909806
VGK-1021	1-3/4		BCFJF		K106-1	91909874
VGK-1022	1-3/4		VCFKF		K106-6	91909878
VGK-1023	1-3/4		BCFKF		K106-7	91909879
VGK-1027	1-3/4		BCFJF		K108-1	91909944
VGK-1028	1-3/4		VCFKF		K108-6	91909947
VGK-1029	1-3/4		BCFKF		K108-7	91909948
VGK-1033	1-3/4		BCFJF		K110-1	91910149
VGK-1034	1-3/4		VCFKF		K110-6	91910150
VGK-1035	1-3/4		BCFKF		K110-7	91910151
VGK-1042	1-3/4		BCFJF		K127-1	91910609
VGK-1043	1-3/4		VCFKF		K127-6	91910611
VGK-1044	1-3/4		BCFKF		K127-7	91910612
VGK-1045	1-3/4		BCFJF		K128-1	91910629
VGK-1046	1-3/4		VCFKF		K128-6	91910631
VGK-1047	1-3/4		BCFKF		K128-7	91910632
VGK-1051	1-3/4		BCFJF		K141-1	91910715
VGK-1052	1-3/4		VCFKF		K141-6	91910717
VGK-1053	1-3/4		BCFKF		K141-7	91910718
VGK-1064	1-3/4		BCFJF		K454-1	91911802
VGK-1065	1-3/4		VCFKF		K454-6	

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Size		Material Code	Notes	Old Paco No.	New Paco No.
<b>PACIFIC PUMPING CO. (PACO) - Replacement Seal Kits for End Suction Pumps (continued)</b>						
VGK-1066	1-3/4		BCFKF		K454-7	91911803
VGK-1076	2		BCFJF		K602-1	91911836
VGK-1077	2		VCFKF		K602-6	91911838
VGK-1078	2		BCFKF		K602-7	91911839
VGK-1030	2-1/4		BCFJF		K109-1	91910061
VGK-1031	2-1/4		VCFKF		K109-6	91910065
VGK-1032	2-1/4		BCFKF		K109-7	91910066
VGK-1036	2-1/4		BCFJF		K111-1	91910192
VGK-1037	2-1/4		VCFKF		K111-6	91910195
VGK-1038	2-1/4		BCFKF		K111-7	91910196
VGK-1048	2-1/4		BCFJF		K140-1	91910707
VGK-1049	2-1/4		VCFKF		K140-6	91910708
VGK-1050	2-1/4		BCFKF		K140-7	91910709
VGK-1067	2-1/4		BCFJF		K455-1	91911806
VGK-1068	2-1/4		VCFKF		K455-6	
VGK-1069	2-1/4		BCFKF		K455-7	
VGK-1039	2-3/4		BCFJF		K112-1	91910246
VGK-1040	2-3/4		VCFKF		K112-6	91910252
VGK-1041	2-3/4		BCFKF		K112-7	91910250

Kits include appropriate gaskets and o-rings, slingers and mechanical seals.

Loctite® is included, if required for installation.

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**VGK-1021**



**VGK-1077**

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PATTERSON PUMP CO. (A Gorman-Rupp Co.)</b>								
PS-4417	1-7/8	EB	3	2.500	VCFJF	S		74020174-0917
PS-6600	2-3/4	E	3	4.125	VCFJF		SSC 10X8X17	74020182-0917
PS-6601	2-3/4	E	3	4.125	VCFLF	316SS	SSC	74020182A01-0917
<b>PAUL MUELLER CO.</b>								
PS-1002	1/2	C	1	1.000	BCFJF			9841604
PS-5625	5/8	Special	1	1.250	QC-J-			
PS-309	7/8	C	1	1.500	BCFJF			9842885
PS-4350	1	C	3	1.625	QCFZF			
PS-356	1-1/8	C	1	1.750	BCFJF			9840339
PS-177	1-3/8	C	1	2.000	BCFJF			6840666
PS-4438	1-1/2	C	3	2.125	QCFZF	S		560173
PS-7309	2	C	3	2.750	QCFZF	I/S		
<b>PEABODY-BARNES MFG.</b>								
PS-163	1/2	B	1	1.000	BMFJF			18189
PS-165	1/2	B	9	.906	BMFJF	A		29726
PS-200	5/8	A	1	1.250	BMFJF		For Comet, Rocket Econo 25, 31, 33, 35, 48, 49, 50, 52 102DM and 740DM	11397-12839, 12703
PS-359	5/8	C	1	1.250	BCFJF			18873A
PS-3914	5/8	C	3	1.250	BCFJF			023701
PS-508	5/8	D	1	1.250	BCDJF			5080
PS-201	3/4	A	1	1.375	BMFJF		Vertical Single and Multi Stage 152, 152DM, 202D, 202DM 302D, 302DM and 502DM	13110, 14017122
PS-358	3/4	C	1	1.375	BCFJF			15344, 67562
PS-235	1	C	1	1.625	BCFJF			18004-30090

**NOTE:** A. MOUNTS ON SHAFT  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PEABODY-BARNES MFG. (continued)</b>								
PS-236	1	E	1	1.625	BCFKF			8022
PS-879	1	K	1	1.625	BCFJF			64434
PS-4301	1	K	1	1.625	BLFLF/ BCFJF			064434SD
PS-185	1-1/4	C	1	1.875	BCFJF		18ACG, 18, 19, 23 & 26 CCG	70713
PS-598	1-1/4	C	3	1.875	BCFKF		3TACG Int 1020	33289
PS-383	1-1/4	D	1	1.875	BCFKF			12074
PS-883	1-1/4	K	1	1.875	BCFJF			39485
PS-4282	1-1/4	K	1	1.875	BL/CFL/JF			39485SD
PS-7323	1-1/4	K	1	1.875	BZ/CFZ/JF			60817
PS-228	1-1/4	K	3	1.875	BCFKF		3TCCG	25328A
PS-3230	1-3/8	C	1	2.000	NCFJF			52601
PS-547	1-3/8	C	3	2.000	BCFKF	S		39463
PS-758	1-1/2	C	1	2.125	BCFJF			24998
PS-553	1-1/2	C	3	2.125	BCFKF			31000
PS-2062	1-3/4	D	3	2.500	BCFKF	S		13301
PS-2237	1-7/8	K	1	2.625	BCFJF			51938
PS-3753	1-7/8	K	1	2.625	BL/CFL/JF			51938SD, 60818SD
PS-332	2	C	3	2.750	BCFKF	S		53626
<b>PEERLESS PUMP CO.</b>								
PS-162	1/2	A	1	1.000	BMFJF			2665554
PS-100	5/8	A	1	1.187	BMFJF			
PS-200	5/8	A	1	1.250	BMFJF			2658090
PS-300	5/8	A	1	1.250	BMFJF		Convertible & Single Stage Jet Water King	2655294-V12271 1181377-2665624
PS-637	5/8	A	3	1.250	BMFJF			26922-69 000
PS-4320	5/8	C	3	1.250	QCFJF			268049602 000
PS-3319	5/8	C	3	1.250	QCFKF			96677200
PS-263	5/8	D	1	1.187	BCDKF			2675336
PS-508	5/8	D	1	1.250	BCDJF			2666910
PS-301	3/4	A	1	1.375	BMFJF		Single Stage Jet: J2G, J3G 1J 2J, 3J, 15J, 75J, 1GJ	2655293, 26650131
PS-750	3/4	D	1	1.375	BCDJF			2655888, 2663071
PS-265	3/4	D	3	1.375	BCDKF			
PS-303	7/8	D	1	1.500	BCDKF			2655239, 2664873
PS-250	7/8	D	3	1.500	BCDKF			2675339, 269042101
PS-188	7/8	E	1	1.500	BCFJF	316SS		2657110, 2663072
PS-229	7/8	E	3	1.500	BCFKF			2675338
PS-778	1	A	3	1.625	BCFKF	S		2692914
PS-380	1	D	1	1.625	BCFJF		PE-200, PE-300, PE-500 Fluidyne	
PS-252	1	D	3	1.625	BCFKF	S		2664873, 269042102
PS-252-EPR	1	D	3	1.625	QCFKF	S		2675341 000
PS-754	1	E	1	1.625	BCFJF			2655887
PS-251	1	E	3	1.625	BCFKF	S		2656324, 2675340
PS-529	1-1/8	C	3	1.750	BCFKF	S		269794701000
PS-801	1-1/8	C	3	1.750	B/VCFJF	S		269987501000
PS-983V-TC-TC	1-1/8	C	3	1.750	VZFZF	S		
PS-604	1-1/8	D	1	1.750	BCFJF			2658071
PS-605	1-1/8	D	1	1.750	BCFKF			2655131
PS-254	1-1/8	D	3	1.750	BCFKF	S		2655131, 2675344
PS-204	1-1/8	E	1	1.750	BCFJF			2663077
PS-253	1-1/8	E	3	1.750	BCFKF	S	300-90	2664886, 2675317 2675343
PS-306	1-3/16	E	1	1.875	BCDJF			2655886
PS-255	1-3/16	E	3	1.875	BCDKF			2675345, 269042103
PS-4533	1-3/16	D	3	1.812	BCFKF			269042103000
PS-3119	1-1/4	C	1	1.875	VZFLF			96744338
PS-1109-CER	1-1/4	C	3	1.875	BCFJF	S		269986601 000 96748361
PS-1109	1-1/4	C	3	1.875	BCFKF			2687165 000
PS-1109-EPR	1-1/4	C	3	1.875	QCFKF			2687626 000 2687926 000
PS-2122V	1-1/4	C	3	1.875	VCFJF	S		269986602 000
PS-1109V	1-1/4	C	3	1.875	VCFKF			268716501
PS-361	1-1/4	E	1	1.875	BCFJF		PB-3, 3X4X10	
PS-256	1-1/4	E	3	1.875	BCFKF			2664893, 2675347
PS-264	1-1/4	E	3	1.875	BCFKF			2675318, 2687266

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PEERLESS PUMP CO. (continued)</b>								
PS-547	1-3/8	C	3	2.000	BCFKF	S		269794702
PS-354	1-3/8	E	1	2.000	BCFJF			2655089, 2663075
PS-677	1-3/8	E	1	2.000	BCFKF			2663368, 2675349
PS-257	1-3/8	E	3	2.000	BCFKF	S		2675350
PS-7166	1-1/2	C	3	2.125	BCFJF	S		269986701, 96744341
PS-1110	1-1/2	C	3	2.125	BCFKF		F2-1044AM, 1230AM, 1240AM 3AE14	2687166 000
PS-3279	1-1/2	C	3	2.125	BCFZF	S		269986703, 96748399
PS-2221	1-1/2	C	3	2.125	QCFKF			2691073
PS-2714	1-1/2	C	3	2.125	VCFJF	S		269986702
PS-1110V	1-1/2	C	3	2.125	VCFKF			268716607
PS-2223-SC-SEAT	1-1/2	C	3	2.125	VCFLF	S		50512387
PS-382	1-1/2	D	1	2.125	BCFJF			2656981, 2675353
FA-10167	1-1/2	E	—	—	BCF-F	I		2689751 000
PS-305	1-1/2	E	1	2.125	BCFJF			2663008, 2675108
PS-258	1-1/2	E	3	2.125	BCFKF			2675351, 2691073 96706697
PS-259	1-1/2	E	3	2.125	BCFKF			2675352
PS-550	1-3/4	C	3	2.500	BCFJF	S		269359803 000
PS-436	1-3/4	C	3	2.500	BCFKF	S	AD IV-V	2693598 000
PS-436-EPR	1-3/4	C	3	2.500	QCFKF	S		2675319 000
PS-825	1-3/4	D	3	2.500	BCDKF	S	PE-Pumps	2675356
FA-366	1-3/4	E	—	—	BCF-F			2689752 000
PS-205	1-3/4	E	1	2.500	BCFJF			2663044
PS-535	1-3/4	E	3	2.500	BCFJF	S	MTP Frame	
PS-262	1-3/4	E	3	2.500	BCFKF	S		2675355
PS-262-EPR-P66	1-3/4	E	3	2.500	QCFKF	I/S		2675354 000
PS-2712	1-3/4	E	3	2.500	VCFJF	C/S		96849274
PS-2114	1-7/8	C	3	2.625	BCFJF	S		269987701 000
PS-312	1-7/8	C	3	2.625	BCFKF	S		269794703, 96874175
PS-2072	1-7/8	E	3	2.625	BCFKF	S	AD Fig. 5130	2676205, 269825701 000
PS-332	2	C	3	2.750	BCFKF	S	AD Group IV, 8AE-12	2693599 000, 504293
PS-477-EPR	2	E	3	2.750	QCFKF	S		
PS-353	2-1/8	E	1	3.000	BCFKF		6A-16	
PS-327	2-1/8	E	3	3.000	BCFJF	S	6A-16	
PS-1676	2-1/4	C	3	3.125	BCFKF	S		2692217 000
PS-492	2-3/8	C	3	3.250	BCFKF	S		2693666 000
PS-4325	2-3/8	C	3	3.250	VCFLF	I/S	6AE18	
PS-483	2-3/4	C	3	3.500	BCFKF	S		2693601 000
PS-2708	2-3/4	C	3	3.500	VCFLF	S		269360108 000
PS-5252	3	E	3	3.875	BCFKF	S		

Value Guard Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Mfg. Part No.
<b>PEERLESS PUMP CO. - Replacement Seal Kits</b>							
VGK-1123	1-1/4	C	3	1.875	BCFJF		BSE-2 (Cer), 96828958
VGK-1090	1-1/4	C	3	1.875	BCFKF		BSE-2 (Ni-Resist)
VGK-1120	1-1/4	C	3	1.875	VCFJF		BSE-2 (Vit / Cer)
VGK-1092	1-1/4	C	3	1.875	VCFKF		BSE-2 (Vit / Nir)
VGK-1133	1-1/4	C	3	1.875	BCFJF		ISE-2 (Ceramic)
VGK-1132	1-1/4	C	3	1.875	BCFKF		ISE-2 (Ni-Resist)
VGK-1135	1-1/4	C	3	1.875	VCFJF		ISE-2 (Vit / Cer)
VGK-1134	1-1/4	C	3	1.875	VCFKF		ISE-2 (Vit / Nir)
VGK-1121	1-1/2	C	3	2.125	BCFJF		BSE-3 (Cer), 96828959
VGK-1091	1-1/2	C	3	2.125	BCFKF		BSE-3 (Ni-Resist)
VGK-1122	1-1/2	C	3	2.125	VCFJF		BSE-3 (Vit / Cer)
VGK-1093	1-1/2	C	3	2.125	VCFKF		BSE-3 (Vit / Nir)
VGK-1137	1-1/2	C	3	2.125	BCFJF		ISE-3 (Ceramic)
VGK-1136	1-1/2	C	3	2.125	BCFKF		ISE-3 (Ni-Resist)
VGK-1138	1-1/2	C	3	2.125	VCFJF		ISE-3 (Vit / Cer)
VGK-1139	1-1/2	C	3	2.125	VCFKF		ISE-3 (Vit / Nir)



**VGK-1090**

Kits include gaskets, sleeve, impeller bolt, impeller washer, key, and mechanical seal.

BSE Kits have a Brass sleeve. ISE kits have a Stainless sleeve.

Peerless Pump Co. is not affiliated with U.S. Seal Mfg.

Products supplied are manufactured or purchased by U.S. Seal Mfg. from sources other than the company listed.

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PELLERIN MILNOR CORP.</b>								
PS-750	3/4	D	1	1.375	BCDJF			24S020
<b>PENBERTHY INJECTOR</b>								
PS-162	1/2	A	1	1.000	BMFJF			D-1104
PS-165	1/2	B	9	.906	BMFJF	A		
PS-1112	1/2	Q	9	—	BMFJF	A		14036
<b>PENTAIR, INC. (See AURORA, BERKELEY, FAIRBANKS MORSE, HYDROMATIC, HYPRO, MYERS, F.E., STA-RITE)</b>								
PS-359	5/8	C	1	1.250	BCFJF			015560001
PS-633-TC-TC	5/8	C	1	1.250	BZFZF			21181A024
PS-851	3/4	A	1	1.375	BCFJF			170480001
PS-358	3/4	C	1	1.375	BCFJF			100001
PS-4020	3/4	G	1	1.375	BCFJF			145730001
PS-235	1	C	1	1.625	BCFJF			003000001
PS-2216V-CMS	1	C	1	1.625	VZFZF			003000021
PS-185	1-1/4	C	1	1.875	BCFJF			049160001, 22577A000
PS-185-SC-SC	1-1/4	C	1	1.875	BLFLF			049160031
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			21181A023
PS-2208	1-1/4	C	1	1.875	BZFZF			21181A019
PS-466	1-1/4	C	1	2.000	BCFJF			21181A031
PS-3629	1-1/4	D	3	1.875	VLVZF			152570001
PS-758-SC-TC-CMS	1-1/2	C	1	2.125	BLFZF			009200111
PS-2209	1-1/2	C	1	2.125	BZFZF			009200041
PS-7409	1-1/2	C	1	2.125	VCFJF	316SS		009200051, 009200071
PS-758V-SC-SC	1-1/2	C	1	2.125	VLFLF			009200101
PS-3284	1-1/2	D	1	2.125	BCFLF	316SS		009201001
PS-3283	1-3/4	G	3	2.500	BCFLF	316SS/S		110491001
PS-6224	2	C	1	2.750	VLFLF			24509585920
PS-6218	2	C	1	2.750	VZFZF			019570061
PS-1088-TC-TC-CMS	3	C	1	3.875	BZFZF	B		25449A001
PS-1088V-TC-TC-CMS	3	C	1	3.875	VZFZF	B		037180021
PS-1088V	3	C	3	3.875	VCFJF	B/S		037180051
<b>PENTAIR POOL PRODUCTS</b>								
PS-200	5/8	A	1	1.250	BMFJF			353253S, 354545S
PS-961	5/8	B	1	1.250	BCFJF			071734S, 071734SP 017164 & 017165
PS-2742	5/8	B	1	1.250	BCFJF	316SS		353096
PS-2744	3/4	A	3 Special	1.375	Special		Seal contains EPR	U9-372SS
PS-1902	3/4	G	1	1.375	VLFLF	316SS		359607S
<b>PENTAIR WATER FILTRATION</b>								
PS-100	5/8	A	1	1.187	BMFJF			U9-469
<b>PERFECTING (Div. of DUFF-NORTON)</b>								
PS-359	5/8	C	1	1.250	BCFJF			732015
PS-356	1-1/8	C	1	1.750	BCFJF			732049
PS-177	1-3/8	C	1	2.000	BCFJF			732057
<b>PESCO</b>								
PS-507	5/8	A	1	1.250	BMFKF			
<b>PFAUDLER, INC.</b>								
PS-3893	7/8	C	3 Special	1.500	VCFGF			3515444
PS-356	1-1/8	C	1	1.750	BCFJF			1621492
PS-758	1-1/2	C	1	2.125	BCFJF			1621350
PS-3943	1-1/2	C	3 Special	2.125	VCFGF			3512911
PS-3584	1-3/8	C	3 Special	2.000	VCFGF			3512910
PS-2707	1-9/16	Special	Special	2.250	NCPGF			2076130
<b>PHILLIPS GASKET (See CATERPILLAR)</b>								
<b>PIONEER (See DETROIT HARVESTER HOWELL)</b>								
<b>PIONEER PUMP</b>								
PS-2739	1-5/8	D	3	2.375	VLVZF	316SS/S		30400193
PS-2740	2-1/2	D	3	3.375	VLVZF	316SS/S		30400194, 730400172
PS-3189	2-3/4	D	3	3.500	VLVZF	316SS/S		30400195, 730400173
PS-2803	3-1/4	D	3	4.125	VLVZF	S		30400190



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PIQUA MACHINE (See ENPO-CORNELL PUMP CO.)</b>								
<b>POWER PRODUCTS (See TECUMSEH PRODUCTS CO.)</b>								
<b>PRECISION SCIENTIFIC</b>								
PS-1043	1/2	C	1	1.000	BMFJF			342005
PS-732	5/8	C	3	1.250	BCFKF			342003
PS-1113	3/4	C	1	1.375	BCFKF			342027
PS-499	1	C	3	1.625	BCFKF	S		342012
<b>PREMIER</b>								
PS-201	3/4	A	1	1.375	BMFJF		Series 120T, MKII 225/255 300 325/355, 725/756	31-812
PS-1000	5/8	B	1	1.250	BMFJF		Series 220/225 (Pre 1988) 455/456, 500/600	31-813
<b>PRICE PUMP CO.</b>								
PS-1002V	1/2	C	1	1.000	VCFJF		S95M	
PS-516	5/8	A	1	1.250	BCFJF			0118
PS-3159	5/8	B	8	—	BCFJF	A		0538
PS-447V	5/8	B	8	—	VCFJF	A		0539
PS-4479	5/8	B	9	1.109	QCFJF	A		0383
PS-359	5/8	C	1	1.250	BCFJF			0841
PS-4272V	5/8	C	1	1.250	VCFJF	316SS		0553
PS-3092	5/8	C	1	1.250	VLFLF	316SS		0492
PS-2715	5/8	G	1	1.250	QLFLF			0542
PS-4155	5/8	G	1	1.250	VLFLF			0541
PS-3885	5/8	K	1	1.250	VCFJF		Includes Wave Spring	0985
PS-9155	5/8	W	2	1.250	TLFLF	316SS	LT-25	
PS-201	3/4	A	1	1.375	BMFJF		SP-15	
PS-601	3/4	B	1	1.375	BMFJF		PRYCO-100, 125, 150	
PS-358	3/4	C	1	1.375	BCFJF			1112
PS-3191	3/4	C	1	1.375	VCFJF	316SS		0549
PS-235	1	C	1	1.625	BCFJF			8304-111
PS-1094	1	C	1	1.625	VCFJF			8304-211
PS-758	1-1/2	C	1	2.125	BCFJF		E1 50, E200	0121
PS-7409	1-1/2	C	1	2.125	VCFJF	316SS		0122
PS-7587	1-1/2	W	2	2.125	TCFJF	316SS		0123
PS-7806	1-5/8	C	1	2.375	VLFLF			1020
PS-446-EPR	1-3/4	C	1	2.500	QCFJF			3724
PS-446V-CMS	1-3/4	C	1	2.500	VCFJF			3516
<b>PROCON PRODUCTS</b>								
PS-4060	7/16	G	1	1.181	BCFJF			1034-A7
PS-4063	7/16	G	1	1.181	VCFJF			1034-A2
<b>PROSSER PUMP (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-1002	1/2	C	1	1.000	BCFJF			2-31036, 558312-2 558312-21
PS-359	5/8	C	1	1.250	BCFJF		5 HP	2-31001
PS-3916	3/4	C	3	1.375	BCFJF			
PS-3907	7/8	C	1	1.500	BCFJF			2-31006
PS-185	1-1/4	C	1	1.875	BCFJF			2-31020
PS-756	1-1/4	C	1	1.875	BCFKF		25 and 40 HP 9-26032-3	
<b>PULSAFEEDER (Div. of IDEX CORP.)</b>								
PS-9720	5/16	W	2	.875	TCFLF	316SS		
PS-1065	3/8	C	3	.875	BCFJF			307328
PS-1065V	3/8	C	3	.875	VCFJF			Y0900921-316 with Y1000521-000
FA-10033	1/2	C	—	—	VCF-F			Y0900121-316
FA-10034	5/8	C	—	—	VCF-F			Y0900421-316
PS-552	5/8	C	3	1.250	B/VCFJF		2-17 Type 107	307414
FA-6987	1	W	—	—	TCF-F	316SS		A97001
<b>PUREX / HYDROTECH (See PAC-FAB)</b>								
PS-100	5/8	A	1	1.187	BMFJF		L Series™	P28280
PS-952	5/8	A	1	1.250	BCFJF		AV-7 Pump	P23822
PS-501	5/8	A	1	1.250	BMFJF		Aquatron®	071733
PS-3202	5/8	B	1	1.250	QCFJF			071732
PS-3865R	5/8	B	1	1.250	VCFJF		Whisperflo®	071734
PS-201	3/4	A	1	1.375	BMFJF		AH Series™, L Series™	071728
PS-360	1	A	1	1.625	BCFJF		C Series	071725

**NOTE:** A. MOUNTS ON SHAFT  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE


U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>QUINCY COMPRESSOR</b>								
PS-6090	1-3/4	E	3	2.500	B/VCFKF	S		22578-1
PS-2152V	2-3/4	C	3	3.500	VCFKF			22592-1
PS-6177	3-3/8	C	3	4.250	VCFKF	S		22593-1
<b>RAINBOW IRRIGATION PUMPS</b>								
PS-185	1-1/4	C	1	1.875	BCFJF			14821
PS-446	1-3/4	C	1	2.500	BCFJF			13470
<b>RAPID DAYTON (See TAIT)</b>								
<b>RED JACKET (VEEDER- ROOT CO.)</b>								
PS-106	1/2	C	1	1.000	BCFKF		Deep and Shallow Well Type A & B Multi Stage 25A, 33A, 50A, 75A, 100A	540
PS-518	5/8	A	1	1.187	BCFKF			076-183
PS-100	5/8	A	1	1.187	BMFJF		SW-DW Jet Pump	C76-78A, C76-98A C176-037
PS-701	5/8	A	1	1.187	BMFKF			C76-134
PS-711	5/8	A	3	1.187	BMFJF			076-182
PS-493	5/8	C	1	1.187	BCFKF		Centri Jet R and Centri Jet V 25R, 33R, 50R, 75R, 100, 101, 150, 151	500
PS-102	5/8	D	1	1.250	BCDKF		Deep Well & Shallow Well Type H 25H, 33H, 50H, 75H, 100H	530
PS-201	3/4	A	1	1.375	BMFJF			76-129, 76-189
PS-902	3/4	B	9	—	BMFKF	A	Centri Jet X 33X and 50X CJ, CJM, and SJ Pumps	C76-99A, 555
PS-750	3/4	D	1	1.375	BCDJF		All Types HB Centrifugal Jet Pumps	560
PS-370	1	A	1	1.625	BCFKF			76-132
PS-460	1	D	1	1.625	BCFKF			545
<b>REDA PUMP - (See SCHLUMBERGER LIMITED)</b>								
<b>REXNORD INDUSTRIES, LLC.</b>								
PS-201	3/4	A	1	1.375	BMFJF			X7718
FA-160	7/8	D	—	—	BCD-F			X203565
PS-188	7/8	E	1	1.500	BCFJF	316SS		X203224
FA-756	1-1/4	C	—	—	BCF-F			X7387
PS-185	1-1/4	C	1	1.875	BCFJF			X8023
PS-137	1-1/4	E	1	1.875	BCFKF			X203691
PS-177	1-3/8	C	1	2.000	BCFJF			X2U59-1
FA-593	1-7/8	D	—	—	BCD-F			X7235
PS-593	1-7/8	D	3	2.625	BCDKF	S		X2U59-6
<b>RICE</b>								
PS-200	5/8	A	1	1.250	BMFJF			21-024
PS-201	3/4	A	1	1.375	BMFJF			12-023
PS-750	3/4	D	1	1.375	BCDJF			0330-9-6
<b>ROBBINS &amp; MYERS (See MOYNO, INC.)</b>								
<b>ROMAR FILTER</b>								
PS-200	5/8	A	1	1.250	BMFJF			618-001
<b>ROPER PUMP CO.</b>								
FA-112	1/2	C	—	—	BCF-F			G3-29, G14-263
FA-400	1/2	C	—	—	BMF-F			G14-222-403, G14-263X
FA-10033	1/2	C	—	—	VCF-F			G14-32
FA-1350	5/8	C	—	—	BCF-F			G14-116
FA-10034	5/8	C	—	—	VCF-F			G14-13
PS-633	5/8	C	1	1.250	BCFKF			G14-225
FA-564	3/4	C	—	—	BCF-F			G14-117
PS-768	3/4	C	3	1.375	BCFKF			G14-226
PS-112V	3/4	C	3	1.375	VCFKF			G14-471

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ROPER PUMP CO. (continued)</b>								
PS-752	3/4	D	1	1.375	BCDKF			G14-261, G14-266
FA-1600	7/8	C	—	—	BCF-F			G14-324
PS-617	7/8	C	3	1.500	BCFKF			G14-227
PS-687V	7/8	C	3	1.500	VCFKF			G14-477
PS-703	7/8	D	1	1.500	BCDJF			
PS-935	7/8	E	1	1.500	BCFKF	316SS		
FA-1700	1	C	—	—	BCF-F			G14-320
FA-10037	1	C	—	—	VCF-F			G14-51
PS-235	1	C	1	1.625	BCFJF			G14-338X
PS-499	1	C	3	1.625	BCFKF	S	1AM-27	G14-338
PS-499-EPR	1	C	3	1.625	QCFKF	S		G14-312
PS-357V	1	C	3	1.625	VCFKF	S		
PS-7207	1	C	3	1.750	VCFKF		P2-C1219	
PS-3619	1	C	3	1.750	VCFKF			G4-398
FA-912	1	E	—	—	BCF-F			G14-120, G14-250
PS-236	1	E	1	1.625	BCFKF			G14-343
PS-891	1	K	1	1.625	BCFKF			G4-94
FA-6987	1	W	—	—	TCF-F	316SS		G14-94
PS-2155	1-1/16	C	3	1.750	BCFKF	S		G4-101, G14-489
PS-127	1-1/16	D	1	1.750	BCDKF			G14-288
FA-1800	1-1/8	C	—	—	BCF-F			G14-278, G4-334
PS-529	1-1/8	C	3	1.750	BCFKF	S		G4-313
PS-355V	1-1/8	C	3	1.750	VCFKF	S		G4-15, G4-375
FA-9327	1-1/8	W	—	—	TCF-F	316SS		G14-339
FA-756	1-1/4	C	—	—	BCF-F			G14-429
FA-10040	1-1/4	C	—	—	VCF-F			G3-10, G3-36
PS-756	1-1/4	C	1	1.875	BCFKF			
PS-598	1-1/4	C	3	1.875	BCFKF			
PS-7938-BUNA	1-1/4	C	3	1.875	BCFKF	S		G14-229
FA-190	1-1/4	D	—	—	BCF-F			G14-121, G14-122
FA-177	1-3/8	C	—	—	BCF-F			G14-512
FA-10041	1-3/8	C	—	—	VCF-F			G14-510
PS-467	1-3/8	C	1	2.125	BCFKF			G14-579
PS-186	1-3/8	D	1	2.000	BCDKF			G14-248
PS-2156	1-7/16	C	3	2.250	BCFKF			G4-112
PS-2156V	1-7/16	C	3	2.250	VCFKF			G4-142
PS-9302	1-7/16	W	3	2.250	T/VCFKF			G4-165
FA-1850	1-1/2	C	—	—	BCF-F			G14-430
FA-10043	1-1/2	C	—	—	VCF-F			G3-35
PS-553	1-1/2	C	3	2.125	BCFKF			G4-267, G14-230
PS-7975	1-1/2	C	3	2.125	VCFKF	S		G4-75, G14-475
FA-200	1-1/2	D	—	—	BCF-F			G14-123, G14-124
PS-371	1-1/2	D	1	2.125	BCFKF			
PS-1145	2	C	3	2.750	VCFKF	S		G4-46
PS-543V	2-1/8	C	3	3.000	VCFKF	S		G4-41
PS-338V-SC-SC	2-1/8	C	3	3.000	VLFLF	S		G4-535
PS-1676V	2-1/4	C	3	3.125	VCFKF	S		
PS-941	2-1/4	D	1	3.125	BCDKF			G14-223
<b>ROTARY COMPRESSION TECHNOLOGIES, INC.</b>								
PS-460V	1	D	3	1.625	VCFKF	S		125.988
PS-383V	1-1/4	D	3	1.875	VCFKF			125.983
PS-4431	1-1/4	D	3	1.875	VLFLF			125.983.1
PS-436V	1-3/4	C	3	2.500	VCFKF	S		125.693.2
PS-1676V	2-1/4	C	3	3.125	VCFKF	S		125.927
<b>ROTH PUMP CO.</b>								
PS-1120	1/2	C	1	1.062	BCFJF		Size 00 and 100	F8A030VF
PS-118	5/8	C	1	1.187	BCFJF		Size 0 and 10	F8B015VF / 086VL
PS-188	7/8	E	1	1.500	BCFJF	316SS		FZD204FC
FA-6987	1	W	—	—	TCF-F	316SS		F8D427TF
FA-10038	1-1/8	C	—	—	VCF-F			F8E011UF
PS-7884V	1-7/8	EB	3	2.500	VCFKF	S		F7J2002FS
FA-10047	2	C	—	—	VCF-F			F8H056UF

**NOTE:** S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ROTO-JET®</b>								
VG-3001	2-1/2	VGXAB	Special	Special	VLZF	316SS	06604721JC	0652046-002
VG-3025	2-1/2	VGXAB	Special	Special	VCFZF	316SS		
VG-3002	2-1/2	VGXAB	Special	Special	VZFZF	316SS	060754067	0652046-002
<p>▪ Roto-Jet® pumps are used in high pressure wash systems.</p> <div style="text-align: center;">  <p>Type VGXAB</p> </div>								


U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>RUHRPUMPEN</b>								
PS-8111	1-7/16	XB2	3	2.125	BCFKF	316SS		1000660
PS-327	2-1/8	E	3	3.000	BCFJF	S		28W0323
<b>RUTH BERRY</b>								
PS-102	5/8	D	1	1.250	BCDKF			610
PS-201	3/4	A	1	1.375	BMFJF			601, 601A
PS-750	3/4	D	1	1.375	BCDJF			620
<b>RUTHMAN COMPANIES</b>								
PS-164	1/2	B	9	—	BMFKF	A		906
PS-165	1/2	B	9	.906	BMFJF	A		
PS-452	5/8	B	9	—	BMFJF	A		
PS-633	5/8	C	1	1.250	BCFKF			
PS-902	3/4	B	9	—	BMFKF	A		
PS-360	1	A	1	1.625	BCFJF			
PS-235	1	C	1	1.625	BCFJF			

<b>SCHAUB ENGINEERING CO.</b>								
PS-493	5/8	C	1	1.187	BCFKF			12-3113-001
PS-1123	1	C	1	1.625	BCFKF			12-3113-002
PS-598	1-1/4	C	3	1.875	BCFKF			12-3113-003

<b>SCHLUMBERGER LIMITED</b>								
PS-508	5/8	D	1	1.250	BCDJF			17197A
PS-3299	3/4	D	3	1.375	VCFJF	316SS		
PS-703	7/8	D	1	1.500	BCDJF			14011A
PS-188	7/8	E	1	1.500	BCFJF			13131A
PS-380	1	D	1	1.625	BCFJF			13977A
PS-382	1-1/2	D	1	2.125	BCFJF			15114A
PS-7874	1-1/2	D	3	2.125	BLFLE	S		99584-5
PS-4423	1-1/2	D Special	3	2.125	XLFLF	S		3920136

<b>SCOT PUMP (A Wilo Company)</b>								
PS-516	5/8	A	1	1.250	BCFJF			101.000.110C 118.000.102 118.000.110
PS-952	5/8	A	1	1.250	BCFJF			118.000.340
PS-200	5/8	A	1	1.250	BMFJF			101.000.340
PS-501	5/8	A	1	1.250	BMFJF			118.000.340D
PS-200V-CMS	5/8	A	1	1.250	VCFJF			101.000.110B
PS-359V-CMS	5/8	C	1	1.250	VCFJF			101.000.103
PS-3550	5/8	C	1	1.250	VRFRF			101.000.239
PS-732-EPR	5/8	C	3	1.250	QCFKF			101.000.173
PS-633V	5/8	C	3	1.250	VCFKF			101.000.120 101.000.316
PS-633V-P66	5/8	C	3	1.250	VCFKF	I		101.000.225X
PS-9722	5/8	W	27	1.437	HLFLF	316SS		101.000.242
PS-201	3/4	A	1	1.375	BMFJF			101.000.102
PS-201V-CMS	3/4	A	1	1.375	VCFJF			101.000.115
PS-112V	3/4	C	3	1.375	VCFKF			101.003.171
PS-360	1	A	1	1.625	BCFJF			101.000.159
PS-185	1-1/4	C	1	1.875	BCFJF			101.000.104 101.000.104A
PS-185-P66	1-1/4	C	1	1.875	BCFJF	I		101.000.294

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>SCOT PUMP (A Wilo Company) (continued)</b>								
PS-756-EPR	1-1/4	C	1	1.875	QCFKF			101.000.124C 101.000.203
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			101.000.194
PS-756V-CMS	1-1/4	C	1	1.875	VCFKF			101.000.124
PS-2203	1-1/4	C	3	1.875	QCFKF	I		101.000.124A
PS-185V	1-1/4	C	3	1.875	VCFJF	S		
PS-756V	1-1/4	C	3	1.875	VCFKF			
PS-3872	1-1/4	E	1	1.875	QCFKF			
PS-883V-CMS	1-1/4	K	1	1.875	VCFJF			101.000.210
PS-228V-CMS	1-1/4	K	1	1.875	VCFKF			101.000.164
PS-758	1-1/2	C	1	2.125	BCFJF	S		101.000.168, 118.000.343 118.000.344, 118.000.577 118.000.636
PS-758V	1-1/2	C	3	2.125	VCFJF	S		101.000.175
PS-4212	1-1/2	C	3	2.125	VCFJF	I/S		101.000.191
PS-659V	1-1/2	C	3	2.125	VCFKF			101.000.182
PS-446	1-3/4	C	1	2.500	BCFJF			101.000.196
PS-446-P66	1-3/4	C	1	2.500	BCFJF	I		118.000.388
PS-446-EPR-SC	1-3/4	C	1	2.500	QCFLF			137.001.555
PS-436V	1-3/4	C	3	2.500	VCFKF	S		101.000.221
PS-836-CMS	2-3/4	C	1	3.500	BCFJF			137.001.692
<b>SCOTSMAN ICE SYSTEMS</b>								
PS-380	1	D	1	1.625	BCFJF		 <p><b>PS-4133</b></p>	
PS-6305	1	Q	2	1.625	BMDAF			02-1300-01, 02-1300-01BK
PS-2806	1	Q	9	1.625	BCFJF			02-4599-01, 02-4599-21
PS-4133	1-3/4	Q	Special	2.500	Special			02-0929-02
<b>SEEPEX, INC.</b>								
PS-3158	45MM	G	25	63MM	VLFLF			GRDJ33045AS1S1
<b>SERFILCO®</b>								
PS-1002	1/2	C	1	1.000	BCFJF			55-434
PS-4237	5/8	Q	8	1.062	VCFJF			55-560
PS-358	3/4	C	1	1.375	BCFJF			55-407
PS-309	7/8	C	1	1.500	BCFJF			55-488
PS-758V-CMS	1-1/2	C	1	2.125	VCFJF			55-481
<b>SETHCO® (Div. of MET-PRO CORP)</b>								
FA-112	1/2	C	—	—	BCF-F			760P04-320
PS-1002V	1/2	C	1	1.000	VCFJF			
PS-359	5/8	C	1	1.250	BCFJF			
PS-801	1-1/8	C	3	1.750	B/VCFJF	S		760P101-180
PS-356V	1-1/8	C	3	1.750	VCFJF	S		760P101-181
<b>SHERWOOD PRODUCTS</b>								
PS-2807	12MM	G	1	23MM	BCFJF	316SS	G8000, GP8000	23459
PS-1002	1/2	C	1	1.000	BCFJF			10522
PS-631	1/2	C	1	1.000	BCFJF	N		5789
PS-200	5/8	A	1	1.250	BMFJF			10159
PS-447	5/8	B	8	—	BCFJF	A		12859
PS-452	5/8	B	9	—	BMFJF	A		8388
PS-508	5/8	D	1	1.250	BCDJF			10523
PS-2801	20MM	B	8	32.82MM	BLFLF			23799
FA-160	7/8	D	—	—	BCD-F			8570
PS-703	7/8	D	1	1.500	BCDJF			8578
PS-188	7/8	E	1	1.500	BCFJF	316SS		9791
<b>SHIPPENSBURG PUMP CO., INC. (SHIPCO®)</b>								
PS-200V-CMS	5/8	A	1	1.250	VCFJF			SDPS-00067V
PS-356-EPR	1-1/8	C	1	1.750	QCFJF			SDPS-00155
PS-4037	1-1/8	C	3	1.750	VLFLF	S		SDPS-00155SV
PS-185-EPR-P66	1-1/4	C	1	1.875	QCFJF	I		SDPS-00132
<b>SID HARVEY INDUSTRIES, INC.</b>								
FA-112	1/2	C	—	—	BCF-F			
FA-1810	1/2	C	—	—	BMF-F			A3-3ARAW
PS-200V-CMS	5/8	A	1	1.250	VCFJF			0369

**NOTE:** A. MOUNTS ON SHAFT  
I. ABRASION RESISTANT CARBON (P66)  
N. NON-STANDARD SPRING HOLDER  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>SIEMENS WATER TECHNOLOGIES</b>								
PS-4437	2-1/8	D	2	2.000	BCDKF			WTU18080
<b>SIHI PUMPS AMERICAS</b>								
PS-732	5/8	C	3	1.250	BCFKF			503750
PS-816	1-1/2	C	3	2.125	BCFJF	S		504290
PS-9353	1-1/2	W	25	2.125	TCFZF	316SS		43092280
PS-818	1-5/8	C	3	2.375	BCFJF	S		43092930
PS-544	1-5/8	C	3	2.375	BCFKF	S		501483
PS-239V	1-5/8	C	3	2.375	VCFKF	S		502261
PS-312	1-7/8	C	3	2.625	BCFKF	S		501806
PS-1057	2-1/8	C	3	3.000	B/VCFKF	S		501980
PS-3606	2-1/8	C	3	3.000	VCFLF	S		43092920
PS-2708	2-3/4	C	3	3.500	VCFLF	S		43092949, 504797
PS-9314	2-3/4	W	2	3.500	TCFJF	316SS		43092281
PS-8104	3-3/4	X	3	4.625	VCFJF	316SS/S		43092969, 500793 504459
<b>SIMFLO PUMPS, INC.</b>								
PS-618	1-1/4	C	3	1.875	BCFJF	S		059-0220MA
PS-7702	1-3/8	EB	3	1.875	BCFJF	S		059-0180MA
PS-4159	1-5/8	EB	3	2.125	VCFJF	S		059-0200MA
PS-2114	1-7/8	C	3	2.625	BCFJF	S		059-0270MA
PS-532	2	C	3	2.750	BCFJF	S		059-0280MA
PS-1678	2-1/4	C	3	3.125	BCFJF	S		059-0290MA
PS-269	2-1/2	C	3	3.375	BCFJF	S		059-0300MA
PS-7703	2-5/8	EB	3	3.375	BCFJF	S		059-0201MA
<b>SIMMONS PUMP CORP.</b>								
PS-200	5/8	A	1	1.250	BMFJF			
PS-359	5/8	C	1	1.250	BCFJF			
PS-235	1	C	1	1.625	BCFJF			
<b>SKIDMORE PUMP</b>								
PS-663	1/2	Q	1	1.000	BMFJF			50648
PS-100	5/8	A	1	1.187	BMFJF			142-54049, 51294
PS-536	5/8	C	3	1.187	BCFJF			53497
PS-359	5/8	C	1	1.250	BCFJF			50625-1
PS-290	5/8	C	1	1.250	BCFJF	N		142-54099
PS-508	5/8	D	1	1.250	BCDJF		Condensate Pump	142-54052, P15, P15A
PS-309	7/8	C	1	1.500	BCFJF			142-54055, 50625-2
PS-356	1-1/8	C	1	1.750	BCFJF			142-54058, 50625-3
<b>SMITH &amp; LOVELESS, INC.</b>								
PS-1104	1-3/8	V	25	2.140	BCFJF		Frame 25	
VG-1105	1-7/8	HDV	1	2.640	BCFJF		B-Shaft	H60A119
VG-3315	1-7/8	HV	1	2.640	BCFJF		B-Shaft	H87A28
PS-1105	1-7/8	V	25	2.640	BMFJF		Frame 28	H60A119
VG-1107	2-1/8	HDV	1	3.187	BCFJF		C-Shaft	H60A120
VG-3316	2-1/8	HV	1	3.187	BCFJF		C-Shaft	H87A97
PS-1102	2-1/8	V	3	3.140	BCFJF		Frame 32	



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>SOMAT®</b>								
PS-359	5/8	C	1	1.250	BCFJF			54300
PS-309	7/8	C	1	1.500	BCFJF			54302
PS-529	1-1/8	C	3	1.750	BCFKF	S		54311
PS-801	1-1/8	C	3	1.750	B/VCFJF	S		54310
PS-544	1-5/8	C	3	2.375	BCFKF	S		54325
PS-332	2	C	3	2.750	BCFKF	S		54326
PS-6302	2-1/4	Q	1	3.375	BMPAP			54306
<b>SPECIALTY PACKAGING</b>								
PS-1085V	5/8	C	1	1.250	B/VCFJF	B		00-114696
PS-539	1	C	1	1.625	BCFJF	H		00-104330
PS-6318	1-1/8	Q	9	1.578	VMFAF			00-117071
PS-6317	1-3/8	Q	9	2.000	VMPSP			00-114144
PS-758V-CMS	1-1/2	C	1	2.125	VCFJF			00-223422
PS-4041	2-1/4	Q	1	3.375	VMPSP			00-117072

Value Guard Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>SPECK PUMPS</b>								
VG-200	5/8	AV	1	1.250	BMFJF			2920060603, 60603-200
VGM-2920	20MM	VGMA	1	35MM	BCFLF			2920343310

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>STA-RITE INDUSTRIES (See PENTAIR, Inc. for Additional Part Numbers)</b>								
PS-4225	12MM	G	1	23MM	QCFLF	316SS		M12169
PS-1615	3/8	B	1	1.000	BMFJF		297A	U109-173
PS-162	1/2	A	1	1.000	BMFJF			U109-103
PS-142	1/2	B	1	1.000	BMFJF			
PS-163	1/2	B	1	1.000	BMFJF		LT Series	U109-68SS, U109-321SS
PS-2726	1/2	B	1 Special	.950	BCFJF	Unitized		057755
PS-4360	1/2	B	8	—	BLFLF			U9-439A/B
PS-663	1/2	Q	1	1.000	BMFJF			U109-100
PS-957	5/8	A	1	1.187	BCFJF			U9-106SS
PS-100	5/8	A	1	1.187	BMFJF		AJ Series, Dura-Glas® Pre 1998 Dyna-Glas® and Dyna-Max® Max-E-Glas™ pre 1998, PLBC Series Pre 1995	U9-93SS, U9-469 U109-6, U109-6A U109-93SS, 17351-0102S
PS-516	5/8	A	1	1.250	BCFJF			S20788
PS-200	5/8	A	1	1.250	BMFJF		Dura-Glas®, Max-E-Glas™ Series PE, PEA, P2R and P2RA	17304-0100, 17304-0100S 17038
PS-501	5/8	A	1	1.250	BMFJF			118-000-340
PS-200V-CMS	5/8	A	1	1.250	VCFJF			21181A044
PS-200V	5/8	A	3	1.250	VCFJF			U9-196SS
PS-1000	5/8	B	1	1.250	BMFJF		CF / CFA Series, HP Series	U109-136SS
PS-3102	5/8	B	11	—	BCFJF	A		S20900
PS-118	5/8	C	1	1.187	BCFJF			U109-87, U9-102 U109-118
PS-2750	5/8	C	1	1.187	BCFJF	H/I		U9-118
PS-493	5/8	C	1	1.187	BCFKF			U9-1
PS-1618	5/8	C	1	1.250	BCFJF	B		
PS-4267	5/8	G	1	1.187	BCFJF			M13800, U9-6
PS-1900	5/8	G	1	1.187	VLFLF	316SS		U9-437
PS-4390	5/8	G	1	1.250	VLFLF	316SS		17304-0102
PS-851	3/4	A	1	1.375	BCFJF			37400-0027S
PS-201	3/4	A	1	1.375	BMFJF		DJ/JS/JT Series Pre 01/01 Dura-Glas II® Pre 1998, Dura-Jet Dyna-Glas/Dyna-Max®, Dyna-Jet™ JW/JWPA Series Max-E-Glas™ II Pre 1998	U109-358SS U109-372SS 17351-0101
PS-851-EPR	3/4	A	1	1.375	QCFLF			U109-122, 17351-0101A
PS-201V-CMS	3/4	A	1	1.375	VCFJF			
PS-1622	3/4	B	9	—	BMFJF	A		

**NOTE:** A. MOUNTS ON SHAFT  
 B. TAPERED SPRING  
 H. SPRING HOLDER NOT INCLUDED  
 I. ABRASION RESISTANT CARBON (P66)  
 S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>STA-RITE INDUSTRIES (See PENTAIR, Inc. for Additional Part Numbers) (continued)</b>								
PS-4048	3/4	B	9	1.312	BLFLF			U9-394SS
PS-358	3/4	C	1	1.375	BCFJF			U109-99
PS-1125	3/4	C	1	1.375	BCFJF			U109-267
PS-128	3/4	C	1	1.375	BCFJF	B		U9-99
PS-750	3/4	D	1	1.375	BCDJF			U9-43
PS-4265	3/4	G	1	1.375	BCFJF			37400-27S
PS-3868	3/4	G	1	1.375	VCFJF		Dura-Glass® II and Max-E Glas™ II (Series P4E, P4EA, P4R, P4RA) Max-E-Pro™ (Series P6E & P6RA)	
PS-687	7/8	C	1	1.500	BCFKF			U9-18, 20, 22, 25, 29, 32 U109-21, U109-30
PS-774	7/8	C	3	1.500	BCFV/JF			U109-170
PS-235	1	C	1	1.625	BCFJF			16504
PS-380	1	D	1	1.625	BCFJF		AS-H-3	
PS-127	1-1/16	D	1	1.750	BCDKF			U109-31
PS-356	1-1/8	C	1	1.750	BCFJF			S32690
PS-204	1-1/8	E	1	1.750	BCFJF			U109-96
PS-866	1-1/8	E	3	1.750	BCFJF	S		U109-96SS
PS-867-EPR	1-1/8	E	3	1.750	QCFKF	S		U9-307
PS-185	1-1/4	C	1	1.875	BCFJF		CC/C Series, D Series CC/C Series, D Series pre 8/00 CSPH / CCSPH Series	U109-200, U109-433SS S32014
PS-2122	1-1/4	C	1	1.875	BCFJF			S32013
PS-246	1-1/4	C	1	1.875	BCFJF	B/H	CC/C Series, D Series	U109-220
PS-804	1-1/4	D	3	1.875	BCFJF	S	CC/C Series, D Series	
PS-3883	1-1/4	G	1	1.875	BCFJF	316SS		U9-433SS
PS-6265	1-1/4	G	1	1.875	VLFLF	316SS		U9-451SS
PS-758	1-1/2	C	1	2.125	BCFJF			16554
PS-446	1-3/4	C	1	2.500	BCFJF		CCPH / CCSPH Series	S32015
PS-2142	1-3/4	C	1	2.500	BCFJF			S32692
PS-535	1-3/4	E	3	2.500	BCFJF	S		U109-251
PS-340	1-7/8	C	1	2.625	BCFJF			S32694
PS-3211	1-7/8	C	1	2.625	BCFJF			S32693
PS-327	2-1/8	E	3	3.000	BCFJF	S		U109-252
<b>STEIN SAM ASSOC.</b>								
FA-1700	1	C	—	—	BCF-F			401-50-0001
FA-1850	1-1/2	C	—	—	BCF-F			401-50-0006
<b>STERLING FLUID SYSTEMS</b>								
PS-200	5/8	A	1	1.250	BMFJF			96667758 1181377 000
PS-637	5/8	A	3	1.250	BMFJF			96678617
PS-4320	5/8	C	3	1.250	QCFJF			96677202
PS-4601	1	D	3	1.625	QCDKF	I		2675341000 96675558
PS-529	1-1/8	C	3	1.750	BCFKF	S		2697947010000
PS-1109V	1-1/4	C	3	1.875	VCFKF			97630629
PS-210V	1-3/8	C	3	2.000	VCFKF	S		648303-08000
PS-865	1-3/8	E	3	2.000	BCFKF	S		96875515
PS-354V	1-3/8	E	3	2.000	VCFJF	S	Lock Collar Supplied Separately	96885762
PS-865V-SC-SC	1-3/8	E	3	2.000	VLFLF	S	Lock Collar Supplied Separately	96853723
PS-1110	1-1/2	C	3	2.125	BCFKF			97937996
PS-2714	1-1/2	C	3	2.125	VCFJF	S		96744346
PS-258	1-1/2	E	3	2.125	BCFKF			269825601000
PS-436-EPR	1-3/4	C	3	2.500	QCFKF	S		96677366
FA-366	1-3/4	E	—	—	BCF-F			96677802
PS-7488	1-3/4	E	3	2.500	VLFLF	S	Lock Collar Supplied Separately	96853602
PS-2114	1-7/8	C	3	2.625	BCFJF	S		96748439
PS-2072	1-7/8	E	3	2.625	BCFKF	S		96733108
PS-3929	1-7/8	E	3	2.625	VCFJF	316SS C/S		96662531
PS-532	2	C	3	2.750	BCFJF	S		269359903 000 96690109
PS-338	2-1/8	C	3	3.000	BCFJF	S		S39264
PS-1057	2-1/8	C	3	3.000	B/VCFKF	S		501908
PS-279V	2-1/2	E	3	3.375	VCFJF	S	Lock Collar Supplied Separately	96854658
PS-483	2-3/4	C	3	3.500	BCFKF	S		502365
PS-2708	2-3/4	C	3	3.500	VCFLF	S		96697120, 97619994



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>STERLING MACHINERY</b>								
PS-201	3/4	A	1	1.375	BMFJF			
FA-564	3/4	C	—	—	BCF-F			
PS-358	3/4	C	1	1.375	BCFJF			1616
PS-175	3/4	K	1	1.375 1.500	BCFJF			
PS-303	7/8	D	1	1.500	BCDKF			J81-E
PS-1681	7/8	D	3	1.437	BCDKF			
PS-185	1-1/4	C	1	1.875	BCFJF			1636
PS-177	1-3/8	C	1	2.000	BCFJF			1706
PS-178	1-3/8	R	1	2.000	BCDJF			
PS-629	1-1/2	E	3	2.312	BCFKF			133861
PS-217	1-3/4	R	1	2.500	BCDKF			
PS-853	2-1/2	C	3	3.375	BCFKF	S		13498, 20125-H
<b>STERLING PRODUCTS, INC.</b>								
PS-3723	5/8	C	3	1.437	QCFJF	I		081.00036.00 081.00036.01
PS-3981	5/8	C	3	1.437	QCFKF	I		081.00037.00
PS-7872	5/8	C	3	1.437	VCFKF	I		081.00039.00
PS-3826	7/8	C	1	1.437	QCFJF	I		081.00034-00
PS-2224	7/8	C	3	1.437	QCFKF	I		081.00024.00 081.00024.02
PS-3678	7/8	C	3	1.437	QCFLF	I		081.00035-00
PS-4017	7/8	C	3	1.437	VCFKF	I		081.00027.00
PS-758	1-1/2	C	1	2.125	BCFJF			081.00017.00
<b>STERO CORP.</b>								
PS-3159	5/8	B	8	—	BCFJF	A		P571030
PS-3440	1	C	1	1.750	BCFJF			P571697
<b>STEVENS PUMP CO.</b>								
PS-200	5/8	A	1	1.250	BMFJF			16-062-03
<b>STOKES</b>								
VG-85296	1.812	Spec	Spec	2.561	VCFGF		212,412,612 Vacuums GLV 1.5, 3.0 Pumps	085-029-600
<b>STONE BENNETT</b>								
PS-499	1	C	3	1.625	BCFKF	S		30016
<b>STONE CONST.</b>								
PS-851	3/4	A	1	1.375	BCFJF			32223, 322231H
PS-360	1	A	1	1.625	BCFJF			32224, 322241H
PS-185	1-1/4	C	1	1.875	BCFJF			37692
PS-758	1-1/2	C	1	2.125	BCFJF			37691, 376911H
PS-446	1-3/4	C	1	2.500	BCFJF			377281H
<b>SULLAIR® CORP.</b>								
PS-6098	1-7/8	C	3 Special	2.625	VCFKP	S		240048
PS-6097	1-7/8	X Special	3 Special	2.625	NCFZF	316SS		250034-518
PS-6120	2-1/8	K	3 Special	3.000	VCFZF			250038-066
PS-6121	2-1/8	K	3 Special	3.000	VCFZ/KF	I		250038.068
PS-6138	2-1/2	C	3 Special	3.375	VCFKF			250038-093
PS-6997	2-1/2	K	3	3.375	NCFKF	S		250038-078
PS-6141	2-1/2	K	3 Special	3.375	VCFKF			250038-080
PS-6140	2-1/2	K	3 Special	3.375	VCFZF			250038-079
PS-8108	2-1/2	X1T	3 Special	3.375	VCFKF	316SS		250041-326
PS-6173	3	C	3 Special	3.875	VCFKF	S		250035-751
PS-6172	3	C	3 Special	3.875	VCFKF	H/S		250035-750
PS-6169	3	K	3 Special	3.875	NCFKF			250035-734
PS-6171	3	K	3 Special	3.875	VCFKF			250035-736
PS-6170	3	K	3 Special	3.875	VCFZF	S		250035-735
FA-3961	3-3/8	K	—	—	VCF-F			250014-770
PS-6179	3-3/8	X	3 Special	5.031	VCFKF	316SS		250035-013
<b>SULLIVAN - PALATEK, INC.</b>								
PS-1053	1-1/4	C	3	1.875	B/VCFKF	S		519056-08
PS-6180	1-3/8	C	3	2.000	VCFGF			519056-25
PS-210V	1-3/8	C	3	2.000	VCFKF	S		
PS-534	1-1/2	D	3	2.125	BCFKF		RP-250, RP-365	A-222599
FA-1055	1-3/4	C	—	—	BCF-F		RPV-125	
PS-3789	1-3/4	C	3	2.500	VCFGF			519058-0006

**NOTE:** A. MOUNTS ON SHAFT  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>SULLIVAN - PALATEK, INC. (continued)</b>								
PS-1056V	1-3/4	C	3	2.500	VCFKF	S		519056-6
PS-4276	2-1/8	C	3	3.000	VCFKF	S		519056-13
PS-853	2-1/2	C	3	3.375	BCFKF	S	600	
PS-6174	3	E	3	3.875	VCDGP			519056-15
<b>SUPERIOR EQUIPMENT SOLUTIONS</b>								
PS-3100	1	Q	—	—	NMDKF	Unitized		75-7050-020
<b>SWABY MFG. CO.</b>								
PS-359	5/8	C	1	1.250	BCFJF			
PS-758	1-1/2	C	1	2.125	BCFJF			
PS-446	1-3/4	C	1	2.500	BCFJF			
PS-2120	2-1/2	C	1	3.375	BCFJF			
<b>SWIMQUIP®</b>								
PS-201	3/4	A	1	1.375	BMFJF		XL VI/XL VII Series	37407-0009
<b>SYNCROFLO</b>								
PS-921	3/4	A	1	1.375	BMFKF			13-690-0600
PS-360	1	A	1	1.625	BCFJF			13-650-0610
PS-370	1	A	1	1.625	BCFKF			13-690-0610
PS-235	1	C	1	1.625	BCFJF			13-690-0710
PS-355	1-1/8	C	1	1.750	BCFKF			13-900-0250
PS-185	1-1/4	C	1	1.875	BCFJF			13-950-0880
PS-756	1-1/4	C	1	1.875	BCFKF			13-690-2112
PS-1109	1-1/4	C	3	1.875	BCFKF			13-690-0611
PS-1018	1-1/4	C	3	2.000	BCFKF			13-690-2512
PS-361	1-1/4	E	1	1.875	BCFJF			13-650-1010
PS-137	1-1/4	E	1	1.875	BCFKF			13-690-0650
PS-659	1-1/2	C	1	2.125	BCFKF			13-900-0253
PS-7930	1-1/2	E	3	2.125	QCFZF	C/I/S		B282-140-7200
PS-3218	1-3/8	E	3	2.000	BCFJF	316SS C/H/S		P292-008-0001
PS-3954	1-3/8	EB	1	1.875	BCFKF			13-690-2713
PS-3991	1-3/8	EB	3	1.875	BCFKF			13-690-0612
PS-238	1-5/8	C	1	2.375	BCFJF			13-950-0886
PS-1019	1-5/8	C	3	2.625	BCFKF			13-690-2515
PS-205	1-3/4	E	1	2.500	BCFJF			13-650-3011
<b>TACO®, INC.</b>								
PS-8100	1/4	X Special	1	.875	QCFLF			185-026
PS-163	1/2	B	1	1.000	BMFJF			106-031
PS-3561	1/2	C	1	.938	BCFJF			180-097, 180-108
PS-3563	1/2	C	1	.938	QCFLF			180-240
PS-1002	1/2	C	1	1.000	BCFJF			121-008
PS-106	1/2	C	1	1.000	BCFKF			131-031
PS-3583	1/2	C	1	1.000	BCFKF			121-136
PS-2730	1/2	C	1	1.000	QCFLF			185-201
PS-3004	1/2	G	1	1.000	QCFLF			185-135
PS-3568	1/2	G	1	1.000	QLFLF	316SS		185-151
PS-200	5/8	A	1	1.250	BMFJF			172-009, 172-017
PS-200V	5/8	A	3	1.250	VCFJF			172-006
PS-1000V	5/8	B	3	1.250	VCFJF			
FA-3525	5/8	C	—	—	QCF-F	I		1600-305
PS-359	5/8	C	1	1.250	BCFJF			121-009, 122-009
PS-633	5/8	C	1	1.250	BCFKF			170-102RP, 1600-170RP
PS-3525	5/8	C	3	1.250	QCFLF	I		1600-170
PS-3586	5/8	G	1	1.250	QCFJF	316SS		1600-846C
PS-3840	3/4	C	1	1.275	BCFJF			180-162
PS-358	3/4	C	1	1.375	BCFJF			180-206
PS-752	3/4	D	1	1.375	BCDKF			142-043
PS-360	1	A	1	1.625	BCFJF			170-021, 170-095
PS-754	1	E	1	1.625	BCFJF			900-012
PS-356	1-1/8	C	1	1.750	BCFJF			950-670RP, 951-3161BRP
PS-355	1-1/8	C	1	1.750	BCFKF			950-664RP
PS-529-EPR	1-1/8	C	3	1.750	QCFLF	S		950-664BRP
PS-355V	1-1/8	C	3	1.750	VCFKF	S		950-667RP
PS-204	1-1/8	E	1	1.750	BCFJF			900-024
PS-384	1-1/8	E	1	1.750	BCFKF			840-128

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>TACO®, INC. (continued)</b>								
PS-867	1-1/8	E	3	1.750	BCFKF	S		840-128BRP
PS-264	1-1/4	E	3	1.875	BCFKF			840-011
FA-2755	1-1/2	C	—	—	QCF-F	I		951-3168
PS-758	1-1/2	C	1	2.125	BCFJF			950-671RP
PS-758-EPR	1-1/2	C	3	2.125	QCFJF	S		951-3162BRP
PS-659V	1-1/2	C	3	2.125	VCFKF			950-668RP
PS-305	1-1/2	E	1	2.125	BCFJF			862-029
PS-374	1-1/2	E	1	2.125	BCFKF			862-172
PS-544	1-5/8	C	3	2.375	BCFKF	S		950-673RP
PS-4068	1-5/8	C	3	2.375	QCFZF	I/S		950-676RP
PS-340-EPR-CMS	1-7/8	C	1	2.625	QCFJF			951-2968RP
PS-267	2	C	1	2.750	BCFJF			950-672RP
PS-842	2	C	1	2.750	BCFKF			950-666RP
PS-1145	2	C	3	2.750	VCFKF	S		950-669RP
PS-479	2	E	1	2.750	BCFJF			
FA-7750	2-1/4	C	—	—	QCF-F	I		950-280
PS-1676	2-1/4	C	3	3.125	BCFKF	S		
PS-1676-EPR-P66	2-1/4	C	3	3.125	QCFKF	I/S		950-674RP
PS-1676V-TC-SEAT	2-1/4	C	3	3.125	VCFZF	S		950-677RP
PS-5735	60MM	G	1	80MM	VCFLF	316SS		955-1840
PS-483	2-3/4	C	3	3.500	BCFKF	S		950-675RP
PS-3270	80MM	G	2	105MM	VCFLF	316SS		955-2403

Value Guard Part No.	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>TACO®, INC. - Replacement Seal Kits</b>					
VGK-1096*	5/8	BCFKF		Sleeve not included in kit	1600-170BRP
VGK-1095*	5/8	BCFJF		Sleeve not included in kit	1600-170ERP
VGK-1097*	5/8	BCFJF		Sleeve not included in kit	1600-868CRP
VGK-1098	1-1/8	BCFKF			840-128BRP
VGK-1102	1-1/8	BCFKF			950-664BRP
VGK-1105	1-1/8	VCFZF			950-667BRP
VGK-1108	1-1/8	BCFJF			950-670BRP
VGK-1116	1-1/8	BCFKF			953-1549-1BRP
VGK-1117	1-1/8	BCFJF			953-1549-3BRP
VGK-1112	1-1/8	BCFKF			951-3159BRP
VGK-1114	1-1/8	BCFJF			951-3161BRP
VGK-1099	1-1/2	BCFKF			862-171BRP
VGK-1100	1-1/2	BCFKF			862-172BRP
VGK-1119	1-1/2	BCFJF			862-172ERP
VGK-1103	1-1/2	BCFKF			950-665BRP
VGK-1106	1-1/2	VCFZF			950-668BRP
VGK-1109	1-1/2	BCFJF			950-671BRP
VGK-1113	1-1/2	NCFKF			951-3160BRP
VGK-1115	1-1/2	BCFJF			951-3162BRP
VGK-1118	1-1/2	BCFJF			953-1549-6BRP
VGK-1101	1-7/8	BCFJF			950-1369BRP
VGK-1111	1-7/8	BCFJF			951-2968BRP
VGK-1104	2	BCFKF			950-666BRP
VGK-1107	2	VCFZF			950-669BRP
VGK-1110	2	BCFJF			950-672BRP

- Kits include appropriate gaskets and o-rings, sleeve\*, rubber bonded washer, and mechanical seal.
- Taco®, Inc. is not affiliated with U.S. Seal Mfg.
- Products supplied are manufactured or purchased by U.S. Seal Mfg. from sources other than the company listed.



**VGK-1100**

**NOTE:** I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>TAIT</b>								
PS-162	1/2	A	1	1.000	BMFJF			W-6476
PS-201	3/4	A	1	1.375	BMFJF			25062
PS-921	3/4	A	1	1.375	BMFKF			24820
PS-1125	3/4	C	1	1.375	BCFJF			16519
PS-703	7/8	D	1	1.500	BCDJF			24584
PS-360	1	A	1	1.625	BCFJF			
PS-380	1	D	1	1.625	BCFJF			24963
PS-598	1-1/4	C	3	1.875	BCFKF			W-16524
PS-805	1-3/8	C	3	2.000	BCFJF	S		16538
PS-267	2	C	1	2.750	BCFJF			
<b>TARBY ENGINEERING</b>								
PS-4142	3-3/4	E	3	4.625	VCFLF	C		A200-0112
<b>TECOGEN</b>								
PS-6097	1-7/8	X Special	3 Special	2.625	NCFZF	316SS		78098
<b>TECUMSEH PRODUCTS CO.</b>								
PS-350	2-3/8	E	3	3.250	BCFKF	S		K-509-9
<b>TEEL PUMP</b>								
PS-392	1/2	C	1	.938	B/QMFJF			5NC03
PS-631	1/2	C	1	1.000	BCFJF	N		5P380, 5P418
PS-1002	1/2	C	1	1.000	BCFJF		1P609, 1P610	1R305, 5NC02
PS-3542	9/16	C	3	1.031	VCFKF			5P419
PS-100	5/8	A	1	1.187	BMFJF		2P141, 2P894-2P899 3P683-684-685 3P-686-687-690-692-715-716	1R311, 5P403, 5P404 1R303, 5P407
PS-516	5/8	A	1	1.250	BCFJF		1P746-851-860-896-897-952-955-996 1P998, 2P004-006-390, 2P091, 2P092 3P551-3P553 3P577	
PS-200	5/8	A	1	1.250	BMFJF			1R312, 5P405, 5P406
PS-501	5/8	A	1	1.250	BMFJF			1R315, 5P409, 5P410
PS-200V-SC-SC	5/8	A	1	1.250	VLFLF			3ACE8
PS-200V	5/8	A	3	1.250	VCFJF		1P862, 2P486 opt. for 1P746-851 1P854-856-860-884-896-897-952-955 1P996-998-2P004-006-290 3P551-553 3P577	1R300, 5P408
PS-113	5/8	B	1	1.093	BMFJF		1P795	1R302, 5P366
PS-600	5/8	B	1	1.187	BMFJF			5P367
PS-1000	5/8	B	1	1.250	BMFJF		2P356, 2P360, 2P363, 2P366 5P368, 5P369	1R317, 1R318
PS-1152	5/8	B	1	1.250	BMFKF			1R318
PS-447	5/8	B	8	—	BCFJF	A	1P787-793-796-798-831-837 2P498-503-852, 3P736	1R306, 1P831 5NC45, 5P402
PS-447V	5/8	B	8	—	VCFJF	A	Option for 1P787-793-796-798-831 1P837, 2P498-503	1R324, 5P365
PS-800	5/8	C	1	1.156	BMFJF	H	1P-849-850-879, 3P547-550 571-599-648 1P979-984 2P019-280, PC-18-2PC56	1R307, 5NC05 5P387, 5P421
PS-359	5/8	C	1	1.250	BCFJF		1P898, 3P569A, 3P570A	1P557, 5P386, 1R304, 1R310
PS-2160	5/8	C	1	1.250	BCFJF		3P511, 3P512, 3P579, 1P861	5NC06, 5P420, 1R298
PS-633	5/8	C	1	1.250	BCFKF			5NC04
PS-359V	5/8	C	3	1.250	VCFJF		1P555, 1P804, 3P569, 3P570	5NC07, 5P385
PS-508	5/8	D	1	1.250	BCDJF			1R316, 5P382, 5P384
PS-3962	5/8	W Special	2	1.250	TCFJF	316SS		3ACF6
PS-851	3/4	A	1	1.375	BCFJF		1P855-868-869-895, 1P913, 1P950 2P007-008, 2P333, 3P525, 3P526 3P600	1R299, 5P414
PS-201	3/4	A	1	1.375	BMFJF			1R313, 5P411, 5P412
PS-101	3/4	A	1	1.437	BMFJF			1R319, 5P416
PS-201V	3/4	A	3	1.375	VCFJF		1P946; Option for 1P855-868-869 1P895-913-950-979-984, 2P007-008 3P525-526-600	1R245, 5P413
PS-877	3/4	C	1	1.375	BCFJF		Option for 1P700-702-799-803-947 1P949, 2P391, 2P392, 2P393, 2P394	1R308, 5P389
PS-877V	3/4	C	1	1.375	VCFJF		1P700-702-799-803-947-949 2P391, 2P392, 2P393, 2P394	1R309, 5P388
PS-750	3/4	D	1	1.375	BCDJF			5P383
PS-3941	7/8	C	1	1.500	VLFLF			5NC21
PS-188V	7/8	E	3	1.500	VCFJF	316SS		5NC27
VG-309	7/8	HV	1	1.500	VCFJF			5NC08
PS-360	1	A	1	1.625	BCFJF			5NC01, 5P417
PS-380	1	D	1	1.625	BCFJF			5P423

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>TEEL PUMP (continued)</b>								
PS-754	1	E	1	1.625	BCFJF			5P370
PS-754V-CMS	1	E	1	1.625	VCFJF			5NC28
VG-235	1	HV	1	1.625	BCFJF			5NC09, 5P390
PS-356	1-1/8	C	1	1.750	BCFJF		2P015, 2P141, 3P582-601-604-609 3P653-656-663, 3P664 3P703-704-705-706, 3P707 3P737 3P608, 5P391	
PS-355	1-1/8	C	1	1.750	BCFKF			5P392
PS-529	1-1/8	C	3	1.750	BCFKF	S		5P393
PS-604	1-1/8	D	1	1.750	BCFJF			IR301
PS-204	1-1/8	E	1	1.750	BCFJF			5P373
PS-253	1-1/8	E	3	1.750	BCFKF	S		5P372
PS-204V	1-1/8	E	3	1.750	VCFJF	S		5NC29
VG-356	1-1/8	HV	1	1.750	BCFJF			5NC11
VG-3029	1-1/8	HV	1	1.750	VLFLF			4P974
PS-246	1-1/4	C	1	1.875	BCFJF	B/H		5P395
PS-756	1-1/4	C	1	1.875	BCFKF			5P396
PS-361	1-1/4	E	1	1.875	BCFJF			5P374
PS-361V-CMS	1-1/4	E	1	1.875	VCFJF			5NC30
VG-361	1-1/4	HV	1	1.875	BCFJF			5NC13
VG-185	1-1/4	HV	1	1.875	BCFJF		2P142, 3P660, 3P661, 3P662	IR439, 5P394
VG-185V-CMS	1-1/4	HV	1	1.875	VCFJF			5NC12
VG-3017	1-1/4	HV	1	1.875	VLFLF			5NC23
PS-177	1-3/8	C	1	2.000	BCFJF			5P397
PS-354V-CMS	1-3/8	E	1	2.000	VCFJF			5NC31
VG-177	1-3/8	HV	1	2.000	BCFJF			5NC14
PS-705	1-7/16	E	3	2.062	BCFJF			5P375
PS-305V-CMS	1-1/2	E	1	2.125	VCFJF			5NC32
VG-758	1-1/2	HV	1	2.125	BCFJF			5NC15, 5P398
VG-30770	1-1/2	HV	1	2.125	VLFLF			5NC24
PS-609	1-5/8	E	1	2.312	BCDJF			5P377
PS-610	1-5/8	E	1	2.312	BCFKF			5P376
PS-448	1-3/4	C	1	2.500	BCFKF			5P399
PS-205	1-3/4	E	1	2.500	BCFJF			5P378
PS-205V-CMS	1-3/4	E	1	2.500	VCFJF			5NC34
VG-205	1-3/4	HV	1	2.500	BCFJF			5NC17
VG-446	1-3/4	HV	1	2.500	BCFJF			5NC16
PS-1659	1-7/8	E	3	2.625	VCFJF	S		5NC35
PS-479V	2	E	3	2.750	VCFJF			5NC36
VG-267	2	HV	1	2.750	BCFJF			5NC18
PS-322	2-3/4	K	3	3.500	BCFKF	S		5P401
<b>TERRA PRODUCTS</b>								
PS-601V	3/4	B	3	1.375	VCFJF			127135
PS-245V	1	C	3	1.625	VCFJF	B/H		17035
<b>THELCO CORP.</b>								
FA-1800	1-1/8	C	—	—	BCF-F			SU1774
FA-10038	1-1/8	C	—	—	VCF-F			SU1778
FA-177	1-3/8	C	—	—	BCF-F			SU1775
FA-10041	1-3/8	C	—	—	VCF-F			SU1789
FA-1660	1-3/4	C	---	---	BCF-F			SU1776
FA-10045	1-3/4	C	---	---	VCF-F			SU1780
<b>THERMO KING</b>								
PS-159	1	D	3	1.625	NCPGP			220203, 220378
<b>THERMOTRON INDUSTRIES</b>								
PS-3833	1-1/8	C	2	1.750	BCFKF			555824
PS-239	1-5/8	C	1	2.375	BCFKF			1246366
<b>THOMSEN® GROUP, LLC.</b>								
PS-9700	.970	C	1	1.625	VCFJF			9122-VL
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			9123-VL
<b>THOMPSON PUMP</b>								
PS-3772	1-5/8	D	3	2.375	VZFLF	S		Q55-5162-1T2
PS-3888	2-1/2	D	3	3.375	VZFLF			Q55-5250-1T2
<b>THRUSH CO., INC.</b>								
PS-163	1/2	B	1	1.000	BMFJF			
PS-106	1/2	C	1	1.000	BCFKF		GT, GTB, GTN Series Circulators 1/3	
PS-600	5/8	B	1	1.187	BMFJF			AA-190, AA-199
PS-290	5/8	C	1	1.250	BCFJF	N	1-1/2TV3/4, 2TV3/4, J #s 1, 2, 3, 4	
PS-633V-CMS	5/8	C	1	1.250	VCFKF			TX-022/024
FA-1600	7/8	C	—	—	BCF-F			9765-0260

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
N. NON-STANDARD SPRING HOLDER  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

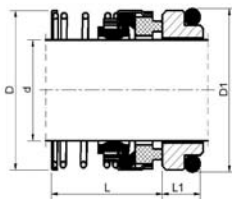
U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>THRUSH CO., INC. (continued)</b>								
PS-687	7/8	C	1	1.500	BCFKF		1-1/2ATV1, 1-1/2TVI, 2TVB1-1/2 2VTB1, 2TV1, 2TV1-1/2, 2TV2, 3TV1 3TV1-1/2, 3TV2, N #s 1, 2, 3, 4	
PS-687V	7/8	C	3	1.500	VCFKF			TX-026/028
FA-1800	1-1/8	C	—	—	BCF-F			9765-0300
PS-355	1-1/8	C	1	1.750	BCFKF		2TV3, 2-1/2TV3, 2-1/2TV5, 3TV3 3TV5, 5ATV3, 5ATV5, 5TV3, 5TV5 Series R #s 1, 2, 3, 4	
FA-756	1-1/4	C	—	—	BCF-F			9765-0520
PS-598-EPR	1-1/4	C	3	1.875	QCCKF			7307-000-1
PS-756V	1-1/4	C	3	1.875	VCFKF			TX-052/054
FA-177	1-3/8	C	—	—	BCF-F			9765-0340
PS-210	1-3/8	C	1	2.000	BCFKF		2-1/2TV7-1/2, 3TV7-1/2, 3TV1 5ATV7-1/2, 2-1/2TV10, 4TV10 5TV15, Series V #s 3, 4	
PS-210V	1-3/8	C	3	2.000	VCFKF	S		TX-035/036
FA-1620	1-5/8	C	—	—	BCF-F			9765-0560
PS-239V	1-5/8	C	3	2.375	VCFKF	S		TX-056/058
<b>TOLEDO</b>								
PS-501	5/8	A	1	1.250	BMFJF			A14067
<b>TONKAFLOW - (See GE OSMONICS)</b>								
<b>TORO CO.</b>								
PS-200V-CMS	5/8	A	1	1.250	VCFJF			42088
<b>TRANE, INC.</b>								
PS-4271	1-1/8	D	1	1.750	NCFJF	H		X10060542010
PS-192	1-1/2	C	3 Special	2.125	NCFGF			X10063400000
PS-6115	2	D	Plate	5.125	NCPGP			X10060064010

Value Guard Part No.	Seal Size	Head	Mating Ring Thick L1	Mating Ring Bore D1	Material Code	Oper Height L	Pump Nameplate Data	Mfg. Part No.
<b>TRAVAINI</b>								
<b>Dimensions in MM</b>								
VGM-8251	22MM	VGMH	10.3	37	VCFLF	27.5		950022SAC915 950022SAC916
VGM-8253	28MM	VGMH	12.0	43	VCFLF	32.5		950028SAC915 950028SAC916
VGM-8255	35MM	VGMH	12.0	50	VCFLF	32.5		950035SAC915 950035SAC916
VGM-8258	43MM	VGMH	12.0	61	VCFLF	34.0		950043SAC915 950043SAC916
VGM-8261	55MM	VGMH	13.5	75	VCFLF	34.5		950055SAC915 950055SAC916
VGM-8263	75MM	VGMH	15.9	97	VCFLF	44.7		950075SAC915
VGM-8251Z	22MM	VGMC-12	7.5	37	VCFLF	30.0		
VGM-8253Z	28MM	VGMC-12	7.5	43	VCFLF	35.0		
VGM-8255Z	35MM	VGMC-12	7.5	50	VCFLF	35.0		
VGM-8258Z	43MM	VGMC-12	9.0	61	VCFLF	36.0		
VGM-8261Z	55MM	VGMC-12	11.0	75	VCFLF	36.5		
VGM-8263Z	75MM	VGMC-12	11.3	97	VCFLF	48.7		

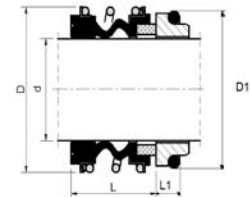


**Type VGMH  
Shown with LS3.**

- DIN 24960    ▪ Bi-Directional
- Elastomer Bellows    ▪ Unbalanced



**Type VGMC-12  
Shown with G6.  
G60 is Optional**



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>TRUPAR</b>								
PS-507	5/8	A	1	1.250	BMFKF			P-1190
PS-102	5/8	D	1	1.250	BCDKF			P-11048
PS-201	3/4	A	1	1.375	BMFJF			P-11201
<b>TRW (See REDA PUMP)</b>								

Value Guard Part No.	Seal Size	Head		Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>TSURUMI PUMP</b>							
VGMW-14HL	14MM	VGM562		VLFLF			W-14HL / 025-290-19
VGMHT-2530N	25/30 MM	VGM562		VLFLF			HT-2530N 025-000-01, 025-302-15
VGMH-30	30MM	VGM562		VLFLF			H-30 / 025-194-12
VGMHT-3035N	30/35 MM	VGM562		VLFLF			HT-3035N 025-000-02, 025-303-16
VGMH-35	35MM	VGM562		VLFLF			H-35 / 025-195-13
VGMHT-3540N	35/40 MM	VGM562		VLFLF			HT-3540N 025-000-03, 025-304-17
VGMNH-40	40 MM	VGM562		VLFLF	GPN		025-000-61
VGMH-45	45 MM	VGM562		VLFLF	KRS		025-197-15
VGMHT-4550N	45/50 MM	VGM562		VLFLF			HT-4550N 025-000-04, 025-305-18
VGMNH-50	50 MM	VGM562		VLFLF	GPN		025-210-15
VGMH-50T	50MM	VGM562		VLFLF			H-50T / 025-268-18
VGMH-60	60MM	VGM562		VLFLF			H-60 / 025-199-17
VGMH-70	70MM	VGM562		VLFLF			H-70 / 025-200-12



Type VGM562

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>TUTHILL CORP.</b>								
PS-3208	3/4	C	1	1.375	VCFJF			065046 A000
PS-768	3/4	C	3	1.375	BCFKF			065238 A000
PS-252	1	D	3	1.625	BCFKF	S		065024 A000
PS-355V	1-1/8	C	3	1.750	VCFKF	S		065049 A000
FA-2678	1-1/4	C	—	—	BCF-F			065112 0000
FA-10040	1-1/4	C	—	—	VCF-F			065220 0000
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			065239 A000
PS-4123	1-3/8	D	3	2.000	VCP/FKF	S		005019-2-B
PS-758V-CMS	1-1/2	C	1	2.125	VCFJF			065240 A000
PS-4546	1-1/2	D	3	2.125	B/VCPKP	S		065018 A000
PS-238V-CMS	1-5/8	C	1	2.375	VCFJF			065241 A000
PS-446V	1-3/4	C	3	2.500	VCFJF	S		065289 A000
FA-1875	1-7/8	C	—	—	BCF-F			065215 0000
FA-1875V	1-7/8	C	—	—	VCF-F			065219 0000
FA-2120	2-1/8	C	—	—	BCF-F			065214 0000
PS-1678V	2-1/4	C	3	3.125	VCFJF			065242 A000
<b>TUTHILL PUMP CO.</b>								
PS-633	5/8	C	1	1.250	BCFKF			2C1B9
PS-768	3/4	C	3	1.375	BCFKF			3C1B9
PS-499	1	C	3	1.625	BCFKF	S		5C1B9
PS-4189	1-7/16	E	3	2.250	BCPKF			CC0919-1A
PS-4189V	1-7/16	E	3	2.250	VCPKF			CC0919-1B

**NOTE:** S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>U.S. ELECTRICAL MOTOR</b>								
PS-358	3/4	C	1	1.375	BCFJF			PUL-2112
PS-356	1-1/8	C	1	1.750	BCFJF			
PS-320	1-1/2	C	1	2.250	BCFJF		Frame 213	
<b>U.S. FILTER</b>								
PS-1002V	1/2	C	1	1.000	VCFJF			7802910
PS-290V	5/8	C	1	1.250	VCFJF	N		7802918
PS-1687	2-1/8	D	1	3.000	BCFKF			U18080
<b>VERTIFLO PUMP CO.</b>								
PS-358	3/4	C	1	1.375	BCFJF			SJ-2112-C1-00
PS-358V-CMS	3/4	C	1	1.375	VCFJF			SJ-2112-C1-X2
PS-112V-CMS	3/4	C	1	1.375	VCFKF			SJ-2112-71-X0
PS-7305	3/4	C	1	1.375	VLFLF	316SS		SJ-2112-S1-X2
PS-185	1-1/4	C	1	1.875	BCFJF			SJ-2120-C1-00
PS-756	1-1/4	C	1	1.875	BCFKF			SJ-2120-71-00
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			SJ-2120-C1-X0
PS-3886	1-1/4	C	1	1.875	VCFJF	316SS		SJ-2120-C1-X2
PS-758	1-1/2	C	1	2.125	BCFJF			SJ-2124-C1-02
PS-659	1-1/2	C	1	2.125	BCFKF			SJ-2124-71-00
PS-758V-CMS	1-1/2	C	1	2.125	VCFJF			SJ-2124-C1-X0
PS-7409	1-1/2	C	1	2.125	VCFJF	316SS		SJ-2124-C1-X2
PS-659V-CMS	1-1/2	C	1	2.125	VCFKF			SJ-2124-71-X0
PS-238	1-5/8	C	1	2.375	BCFJF			SJ-2126-C1-00
PS-4525	1-5/8	C	1	2.375	BCFJF	316SS		SJ-2126-C1-02
PS-239	1-5/8	C	1	2.375	BCFKF			SJ-2126-71-00
PS-238V-CMS	1-5/8	C	1	2.375	VCFJF			SJ-2126-C1-X0
PS-239V-CMS	1-5/8	C	1	2.375	VCFKF			SJ-2126-71-X0
PS-3294	1-5/8	C	1	2.375	VLFLF	316SS		SJ-2126-S1-X2
PS-844	2-1/8	C	1	3.000	BCFJF			SJ-2134-C1-00
<b>VIC CLEANING MACHINE</b>								
PS-162	1/2	A	1	1.000	BMFJF			22-907
PS-701	5/8	A	1	1.187	BMFKF			42-607
<b>VICAN PUMP - (Unit of IDEX CORP.)</b>								
PS-7105	1-7/16	C	3	2.250	BCFKF			335-00-180-243
PS-4455	1-7/16	D	3	2.062	VCPKF			335-00-210-055
PS-6338	1-7/16	E	3	2.312	VCPKF			335-00-210-024
<b>VICO (BALBOA WATER GROUP)</b>								
PS-4274	3/4	G	32	1.375/ 1.750	BCFJF	G	SuperFlo, UltraFlo, Ultima	PPSFSeal
<b>VIKING INSTRUMENT</b>								
PS-162	1/2	A	1	1.000	BMFJF			1-3438-3
<b>VIKING PUMP, INC. (Div. of IDEX CORP.)</b>								
PS-164	1/2	B	9	—	BMFKF	A		2-471-008-999-00
PS-6321	1/2	C	3	1.125	BCFKF			2-471-051-999-00
PS-3735	1/2	C	3	1.125	VCFKF			2-471-052-999-00
PS-3896	1/2	E	Special	.992	VCPKF			2-471-035-999-00
PS-7948	1/2	E	Special	1.193	BCPKF			2-471-003-999-00
PS-4451	1/2	E	Special	1.193	QCPKF			2-471-022-999-00
PS-7948V	1/2	E	Special	1.193	VCPKF			2-471-017-999-00
PS-9028	1/2	W Special	Special	1.188	TCPKF			2-471-004-999-00
PS-1625	5/8	C	3	1.250	BCFKF			2-472-014-999-00
PS-3133	5/8	C	3	1.250	NCFKF			2-472-058-999-00
PS-1626	5/8	C	3	1.250	VCFKF			2-472-015-999-00
PS-4375	5/8	D	3	1.250	VCFZF			2-476-068-999-00
PS-9321	5/8	W	2	1.250	TCFKF			2-472-006-999-00
PS-9322	5/8	WT	Special	1.490	TCFOF	316SS		2-472-012-999-00
PS-7087	3/4	D	3	1.375	BCPKF			2-473-003-999-00
PS-7613	3/4	D	3	1.375	NCPKF			2-473-009-999-00 2-473-120-999-00
PS-7613V	3/4	D	3	1.375	VCPKF			2-473-018-999-00
PS-3935	3/4	W	2	1.375	TCFKF	316SS		2-473-038-999-00
PS-9324	3/4	W	2	1.375	TCFKF	316SS		2-473-006-999-00
PS-9323	3/4	W Special	2	1.375	TCFKF	316SS		2-473-001-999-00
PS-9325	3/4	W Special	2	1.375	TCFOF	316SS		2-473-034-999-00
PS-460	1	D	1	1.625	BCFKF			2-475-002-999-00



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>VIKING PUMP, INC. (Div. of IDEX CORP.) (continued)</b>								
PS-6328	1	D	3	1.625	BCPKF			2-475-001-999-00
PS-6329	1	D	3	1.625	NCPKF			2-475-005-999-00
PS-3250	1	D	3	1.625	QCFJF			
PS-4137	1	D	3	1.625	VCPKF			2-475-010-999-00
PS-2805	1	D	3	1.625	VCPLF	H		2-475-267-999-00
PS-6331	1	E	3	1.625	BCPKF			2-475-115-999-00
PS-3803	1	E	3	1.625	VCFKF			2-475-012-999-00
PS-1631	1	T	3	1.625	NCPKF			2-475-004-999-00
PS-9313	1	W	2	1.625	TCFKF	316SS		2-475-019-999-00
PS-9334	1	W	2	1.625	TCFOF	316SS		2-475-025-999-00
PS-9715	1	W	Special	2.015	TCFGF	316SS		2-475-017-999-00
PS-7967	1-1/8	E	3	2.000	BCPKP			2-476-001-999-00
PS-3653	1-1/8	E	3	2.000	NCPGF	S		2-476-006-999-00
PS-3063	1-1/8	E	3	2.000	QCPKF			2-476-046-999-00
PS-6334	1-1/8	E	3	2.000	VCPKF			2-476-012-999-00
PS-7232	1-1/8	W	2	2.000	TCFKF	316SS		2-476-003-999-00
PS-9327	1-1/8	W	2	2.000	TCFOF	316SS		2-476-005-999-00
PS-9328	1-1/8	W	28	2.354	TCFKF	316SS		2-476-123-999-00
PS-9329	1-1/8	W	28	2.354	Special	316SS		2-476-133-999-00
PS-3731	1-1/8	Special	3	1.625	BCPKP			2-476-018-999-00
PS-6337	1-1/4	D	3	1.875	BCPKF			2-477-015-999-00
PS-6339	1-1/4	D	3	1.875	BCPKF			2-477-100-999-00
PS-3934	1-1/4	D	3	1.875	NCPKF			2-477-019-999-00
PS-1632V	1-1/4	D	3	1.875	VCPKF			2-477-020-999-00
PS-4091	1-1/4	D	3	1.875	VLFLF	316SS/H		2-477-596-999-00
PS-3611	1-1/4	WT	2	1.875	TCFOF	316SS		2-477-140-999-00
PS-9003	1-1/4	WT	2	2.343	TCFKF	316SS		2-477-018-999-00
PS-7105	1-7/16	C	3	2.250	BCFKF			2-477-288-999-00
PS-7105V	1-7/16	C	3	2.250	VCFKF			2-477-289-999-00
PS-4067	1-7/16	E	3	2.125	VCPKF			2-477-042-999-00
PS-6340	1-7/16	E	3	2.171	BCPKF			2-477-173-999-00
PS-6342	1-7/16	E	3	2.171	VCPKF			2-477-180-999-00
PS-4189	1-7/16	E	3	2.250	BCPKF			
PS-1634	1-7/16	E	3	2.250	BCPKP			2-477-008-999-00
PS-3080	1-7/16	E	3	2.312	BAPKF			2-477-244-999-00
PS-3848	1-7/16	E	3	2.312	BCPKF			2-477-001-999-00
PS-6344	1-7/16	E	3	2.312	NCPKF			2-477-429-999-00
PS-6338	1-7/16	E	3	2.312	VCPKF			2-477-038-999-00
PS-4140	1-7/16	E	3	2.375	VCFLF			2-477-669-999-00
PS-1633	1-7/16	T	3	2.187	NCPKF			2-477-006-999-00
PS-9227	1-7/16	W	2	2.312	TCFKF			2-477-003-999-00
PS-9307	1-7/16	W	2	2.312	TCFOF			2-477-005-999-00
PS-9330	1-7/16	W	Special	2.484	TCFKF	316SS		2-477-179-999-00
PS-9707	1-7/16	W	2 Special	2.312	Special	316SS	Pinned Mating Ring	2-477-365-999-00
PS-9304	1-7/16	W	27	2.687	TCFKF	316SS		
PS-9721	1-7/16	W	27	2.687	TCFLF	316SS		2-477-116-999-00
PS-9717	1-7/16	W	27	2.687	Special	316SS		2-477-136-999-00
PS-9331	1-7/16	W	28	2.687	Special	316SS		2-477-346-999-00
PS-8131	1-7/16	XB Special	27 Special	2.687	VCFKF	316SS		2-477-794-999-00
PS-395V-SC-SEAT	1-1/2	E	3	2.125	VCFLF	S		2-478-397-999-00
PS-8141	1-1/2	X Special	3	1.875	VCPKF		AS,AK,AL4195	2-478-074-999-00
PS-6348	1-5/8	E	3	2.375	BCPKF	S		2-478-041-999-00
PS-6349	1-5/8	E	3	2.375	VCPKF	S		2-478-046-999-00
PS-9017	1-5/8	WT	28	2.875	TCFKF	316SS		2-478-040-999-00
PS-9332	1-5/8	WT	28	2.875	TCFOF	316SS		2-478-026-999-00
PS-3278	43MM	G	1	61MM	VLFLF	316SS		2-478-219-999-00
PS-7580	2-7/16	E	3	3.437	BCPKP			2-480-001-999-00
PS-3751	2-7/16	E	3	3.437	VCPKF			2-480-004-999-00
PS-9333	2-7/16	W	28	4.000	TCFKF	316SS		2-480-051-999-00
PS-3505	3-7/16	U	3	4.375	VCPKF	S		2-481-006-999-00
PS-8106	3-7/16	X	3	4.312	VCFK*	S		2-481-124-999-00
<b>VILTER MFG., INC.</b>								
PS-6146	2-1/2	R	3	3.375	NCPGP			A-33483-A
PS-6175	3	R	3	3.875	NCPGP			A-33489-A

**NOTE:** H. SPRING HOLDER NOT INCLUDED  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>VULCAN HART</b>								
PS-1618	5/8	C	1	1.250	BCFJF	B		
PS-508	5/8	D	1	1.250	BCDJF			
PS-360	1	A	1	1.625	BCFJF			97505
PS-236	1	E	1	1.625	BCFKF			97049
PS-1167	1-1/8	C	1	1.750	BCFKF	B		
PS-604	1-1/8	D	1	1.750	BCFJF			
<b>WARREN PUMPS</b>								
PS-4529	4-1/2	E	3	5.500	BCFJF	316SS/C		
<b>WATER ACE PUMP CO.® (Part of Pentair Pump Group)</b>								
PS-3845	5/8	B	8	1.109	BMFJF		RSP-7, 10, 15	25053A000
<b>WATERCO USA</b>								
PS-3985	3/4	B	1	1.375	BCFJF	316SS	Supatuf	634016
PS-1904	3/4	B	1	1.375	VLFLF	316SS		63401625
PS-360	1	A	1	1.625	BCFJF			63401629
PS-185	1-1/4	C	1	1.875	BCFJF			19B5032
PS-446	1-3/4	C	1	2.500	BCFJF			19B5033
<b>WATEROUS CO.</b>								
PS-499	1	C	3	1.625	BCFKF	S		
PS-460V	1	D	3	1.625	VCFKF	S		V2672
PS-3010	1	G	3	1.625	BCFLF			V3386
PS-3193	1-1/16	D	3	1.750	VCDLF			V3385
PS-605	1-1/8	D	1	1.750	BCFKF			V1467
PS-3013	1-1/8	G	25	1.750	VCFLF	316SS		V3505
PS-598	1-1/4	C	3	1.875	BCFKF			V2145
PS-383V	1-1/4	D	3	1.875	VCFKF			V1150
PS-6266	1-1/4	G	3	1.875	BCFLF	316SS		V3218
PS-659V	1-1/2	C	3	2.125	VCFKF			
PS-3161	1-1/2	E	3	2.125	VCFLF			V2662
<b>WATERWAY PLASTICS</b>								
PS-671	3/8	B	1	.875	BMFJF		Tiny Mite	
PS-200V-CMS	5/8	A	1	1.250	VCFJF		EX2, Hi-Flo II, Supreme, Viper	319-3010B
VG-9596	5/8	BV	1	1.250	VCFLF*		Champion, Econoflo, Executive Hi-Flo, SMF, Spa Flo, Workman	319-3100B
PS-3212	5/8	B	1	1.250	VCFJF		Iron Might, Spa Flo II	319-3110B
PS-4577	5/8	G	1	1.381	QCFJF		Booster Pump	319-3290B
<b>WATTS</b>								
PS-680	5/8	A	1	1.187	BCFJF			
PS-1000	5/8	B	1	1.250	BMFJF			
<b>WAUKESHA® CHERRY-BURRELL®</b>								
FA-3730	1-3/8	C	—	—	NFF-F			M549P122960
FA-8201	1-1/2	XB2	—	—	VCF-F	316SS		OC1114008
PS-544	1-5/8	C	3	2.375	BCFKF	S		5064131207
PS-239V	1-5/8	C	3	2.375	VCFKF	S		5164130809, PG4-45
PS-267V	2	C	3	2.750	VCFJF	S		
PS-1145	2	C	3	2.750	VCFKF	S		5065080809, PG4-46
PS-1676	2-1/4	C	3	3.125	BCFKF	S		5065711207
PS-1676V	2-1/4	C	3	3.125	VCFKF	S		5065710809
<b>WAUKESHA MOTORS</b>								
FA-642	5/8	B	—	—	BMF-F			102320 & 20B
FA-201	3/4	A	—	—	BMF-F			810350
PS-201	3/4	A	1	1.375	BMFJF			152243-B
FA-647	3/4	B	—	—	BMF-F			120828
PS-752	3/4	D	1	1.375	BCDKF			
PS-685	7/8	R	1	1.500	BCDKF			108025
PS-380	1	D	1	1.625	BCFJF			
PS-1619	1	Q	1	1.625	BCDJF			117177G-J
PS-604	1-1/8	D	1	1.750	BCFJF			157475, 157475E 157475K
PS-185	1-1/4	C	1	1.875	BCFJF			178033

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WAYNE COMBUSTION SYSTEMS</b>								
PS-162	1/2	A	1	1.000	BMFJF			15717, 56106
PS-163	1/2	B	1	1.000	BMFJF			15863, 56108
FA-400	1/2	C	—	—	BMF-F			15189
PS-1137	1/2	Q	1	1.000	BMFJF			15780, 56107
PS-200	5/8	A	1	1.250	BMFJF		Series SJ-CJX	15559, 56104
FA-642	5/8	B	—	—	BMF-F			
PS-1000	5/8	B	1	1.250	BMFJF			15996 / 56109
PS-1155	5/8	C	1	1.187	BCFJF		Series J and S	15529
PS-201	3/4	A	1	1.375	BMFJF			15693 / 56105
PS-201V	3/4	A	3	1.375	VCFJF			16229
<b>WAYNE PUMPS</b>								
FA-64	3/4	A	—	—	BCF-F			16829
FA-201	3/4	A	—	—	BMF-F			16725
FA-10	1/2	B	—	—	BMF-F			16722
<b>WAYNE WATER SYSTEMS</b>								
PS-200-EPR	5/8	A	1	1.250	QCFJF		CJX, SJD, SW	56393
PS-2726	1/2	B	1 Special	.950	BCFJF	Unitized		17434-001
PS-201V-CMS	3/4	A	1	1.375	VCFJF		2-1/2" & 3 HP	56112
PS-4106	3/4	B	1	1.375	VCFJF	316SS		16993-001, 16995-001
<b>WDM PUMPS</b>								
PS-354V	1-3/8	E	3	2.000	VCFJF	S		MSIXFCEA138
PS-436V	1-3/4	C	3	2.500	VCFKF	S		MS21XFNRAC134
<b>WEBER INDUSTRIES, INC.</b>								
PS-200V-CMS	5/8	A	1	1.250	VCFJF			70X103-M
PS-3228	5/8	A	1	1.250	VCFJF	316SS		70X130-M
PS-359V-CMS	5/8	C	1	1.250	VCFJF			70X120-M
PS-3677	5/8	D	3	1.250	BCDLF			70X110-M
PS-851	3/4	A	1	1.375	BCFJF			70X107-M
PS-358V-CMS	3/4	C	1	1.375	VCFJF			70X121-M
PS-356V-CMS	1-1/8	C	1	1.750	VCFJF			70X118-M
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			70X123-M
PS-446V-CMS	1-3/4	C	1	2.500	VCFJF			70X125-M
<b>WEBSTER ELECTRIC</b>								
FA-62	5/8	A	—	—	BCF-F			
PS-467	1-3/8	C	1	2.125	BCFKF			151-26815
<b>WEIL PUMP CO., INC. (Part of Wilo USA LLC)</b>								
PS-100	5/8	A	1	1.187	BMFJF			330.009.005
PS-600	5/8	B	1	1.187	BMFJF			
PS-1000	5/8	B	1	1.250	BMFJF			
PS-989	5/8	C	1	1.187	N/BCFJF	B		
PS-851	3/4	A	1	1.375	BCFJF			17-62372-008
PS-358	3/4	C	1	1.375	BCFJF			205.016.101
PS-358V-CMS	3/4	C	1	1.375	VCFJF			205.093.101
PS-750	3/4	D	1	1.375	BCDJF			X1397, X2372
PS-617	7/8	C	3	1.500	BCFKF			X3452
PS-380	1	D	1	1.625	BCFJF			X992
PS-2033	1	D	3	1.625	BCFJF			17-62427-000
PS-754	1	E	1	1.625	BCFJF			X993
PS-355-SC-SC	1-1/8	C	1	1.750	BLFLF			137-000-129
PS-604	1-1/8	D	1	1.750	BCFJF			X2428
PS-802	1-1/8	D	3	1.750	BCFJF	S	Springholder by Customer	17-62428-008 362.432.000
PS-204	1-1/8	E	1	1.750	BCFJF			
PS-384	1-1/8	E	1	1.750	BCFKF			X-217UKY
PS-866	1-1/8	E	3	1.750	BCFJF	S		17-61117-008
PS-381	1-1/4	D	1	1.875	BCFJF			X2174, X-2429UKY
PS-804	1-1/4	D	3	1.875	BCFJF	S		17-62429-006
PS-3184	1-1/4	K	3	2.000	BCFJF			305.511.001
PS-1623	1-1/4	K	3	2.125	BCFJ/KF			17-05511-001
PS-210	1-3/8	C	1	2.000	BCFKF		AS	
PS-758	1-1/2	C	1	2.125	BCFJF			205.228.001
PS-758-SC-SC	1-1/2	C	1	2.125	BLFLF			205.229.001
PS-758V-CMS	1-1/2	C	1	2.125	VCFJF			205.228.002
PS-758V-SC-SC	1-1/2	C	1	2.125	VLFLF			205.229.002

**NOTE:** B. TAPERED SPRING  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WEIL PUMP CO., INC. (Part of Wilo USA LLC) (continued)</b>								
PS-926	1-1/2	C	3	2.312	BCFJF			
PS-514	1-5/8	D	1	2.375	BCDJF		Springholder by Customer	362.432.000
PS-446-SC-SC	1-3/4	C	1	2.500	BLFLF			205.311.001
PS-1142	1-3/4	K	3	2.500	BCFJ/KF	S		17-05514-005
PS-2069	1-7/8	E	1	2.625	BCFJF		AYM 4X5	
PS-267	2	C	1	2.750	BCFJF			205.258.001
PS-847	2-1/4	D	3	3.125	BCDKF	S	AYM 5 & 6	17-62550-009
<b>WEINMAN® (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-501	5/8	A	1	1.250	BMFJF		4, 5, 6 & 8ACK, 4&6AEK	
PS-4371	5/8	A	1	1.250	VCFJF	I		Q26-77-Y25
PS-3816	5/8	A	1	1.250	VCFKF	I		Q26-77-Y6
PS-309	7/8	C	1	1.500	BCFJF			Q26-394-Y2
PS-188	7/8	E	1	1.500	BCFJF	316SS	2SB	Q26-177-Y2
PS-245	1	C	1	1.625	BCFJF	B/H	4AE, 6AC, 6AE	Q26-201-Y2
PS-248	1	C	1	1.625	BCFKF	B/H	4AE, 6AC, 6AE	Q26-143-Y34
PS-380	1	D	1	1.625	BCFJF			Q26-78-Y2
PS-4289	1	DB	3	1.500	VCFKF	I		Q26-409-Y6
PS-3273	1	DB	3	1.500	VCFZF		2007CV	Q26-409-Y48
PS-204	1-1/8	E	1	1.750	BCFJF			Q26-184-Y2
PS-867	1-1/8	E	3	1.750	BCFKF	S		Q26-102-Y34
PS-185	1-1/4	C	1	1.875	BCFJF			Q26-395-Y2, Q26-395-Y21
PS-246	1-1/4	C	1	1.875	BCFJF	B/H	Group A-1G, 1-1/4G, 1-1/2G 1-1/2K, 1-1/2KH, 2G, GB, and KB. Group B-7-1/2. HP & less at 1750 20 HP & less at 3500 RPM T1-1/2KH, 2K, 2-1/2G, 2-1/2K 3G, 3K, 4GL, and 4G	Q26-166-Y2
PS-249	1-1/4	C	1	1.875	BCFKF	B/H		Q26-276-Y34
PS-756	1-1/4	C	1	1.875	BCFKF			Q26-395-Y34
PS-185-TC-SEAT	1-1/4	C	1	1.875	BCFZF			Q26-395-Y10
PS-185-SC-SC	1-1/4	C	1	1.875	BLFLF			Q26-395-Y39
PS-2208	1-1/4	C	1	1.875	BZFZF			Q26-395-Y26
PS-4464	1-1/4	C	1	1.875	QCFKF	316SS		Q26-395-Y53
PS-4029	1-1/4	C	1	1.875	QCFZF	316SS		Q26-395-Y30
PS-1082	1-1/4	C	1	1.875	NCFKF			Q26-395-Y24
PS-185V-CMS-P66	1-1/4	C	1	1.875	VCFJF	I		Q26-395-Y25
PS-756V-CMS-P66	1-1/4	C	1	1.875	VCFKF	I		Q26-395-Y6
PS-185V-TC-SEAT	1-1/4	C	1	1.875	VCFZF			Q26-395-Y17
PS-756V	1-1/4	C	3	1.875	VCFKF			Q26-395-Y47
PS-381	1-1/4	D	1	1.875	BCFJF			Q26-79-Y2
PS-383	1-1/4	D	1	1.875	BCFKF			Q26-5-Y34
PS-361	1-1/4	E	1	1.875	BCFJF		When Seal is Mounted on Shaft 2L-4, 5, 6, 3L-6, 4L3, 5L3	Q26-243-Y2
PS-264	1-1/4	E	3	1.875	BCFKF			Q26-243-Y34
PS-137V-P66	1-1/4	E	3	1.875	VCFKF	I		Q26-243-Y6
PS-2657	1-1/4	E	3	1.875	VCFZF	S		Q26-243-Y17
PS-228	1-1/4	K	3	1.875	BCFKF		FR#11, 3UE-B11, 4UD-B11, 4UE-B11	Q26-190-Y34
PS-3587	1-3/8	CB	3	1.875	BCFZF	S		
PS-4119	1-3/8	CB	3	1.875	VCFKF	S		Q26-415-Y47
PS-7697V-TC-SEAT	1-3/8	CB	3	1.875	VCFZF	S		Q26-415-Y48
PS-2704	1-3/8	CB	3	1.875	VCFZF	I/S	1507CV	Q26-415-Y17
PS-7702	1-3/8	EB	3	1.875	BCFJF	S		Q26-318-Y2
PS-3991	1-3/8	EB	3	1.875	BCFKF			Q26-318-Y34
PS-4145	1-3/8	EB	3	1.875	BCFZF	S		Q26-318-Y10
PS-3769	1-3/8	EB	3	1.875	VCFZF	I/S		Q26-318-Y17
PS-347	1-1/2	C	1	2.125	BCFJF	B/H	Group B-10 HP, Over at 1750 25 HP Over at 3500 RPM 1-1/2KH 2K, 2-1/2G 2-1/2K, 3G, 3K, 4GL, 4G Group C TYP.- 2-1/2KH	Q26-167-Y2
PS-378	1-1/2	C	1	2.125	BCFKF	B/H		Q26-175-Y34
PS-305	1-1/2	E	1	2.125	BCFJF		When Seal is Mounted on Sleeve: 2L-4, 2L-5, 3L-6, 4L-2, 4L-3, 5L-3 When Seal is Mounted on Shaft: 2-1/2JC, 3L-5, 4L-1, 5L-2, 6L-2, 6L03	Q26-264-Y2
PS-374	1-1/2	E	1	2.125	BCFKF			Q26-265-Y34
PS-395	1-1/2	E	3	2.125	BCFJF	S		Q26-178-Y2
PS-258	1-1/2	E	3	2.125	BCFKF			Q26-178-Y34
PS-305V-P66	1-1/2	E	3	2.125	VCFJF	I/S		Q26-178-Y25
PS-374V	1-1/2	E	3	2.125	VCFKF			Q26-178-Y47

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WEINMAN® (Div. of CRANE PUMPS &amp; SYSTEMS) (continued)</b>								
PS-4317	1-1/2	EB	3	2.000	BCFKF	S		Q26-303-Y34
PS-818	1-5/8	C	3	2.375	BCFJF	S		Q26-373-Y2
PS-544	1-5/8	C	3	2.375	BCFKF	S		Q26-373-Y34
PS-238V	1-5/8	C	3	2.375	VCFJF	S		Q26-373-Y25
PS-239V	1-5/8	C	3	2.375	VCFKF	S		Q26-373-Y47
PS-2057	1-5/8	E	1	2.375	BCFJF		When Seal is Mounted on Shaft: 3JC, 4L-4, 5L-1, 8L-3	Q26-240-Y2
PS-2058	1-5/8	E	1	2.375	BCFKF			Q26-241-Y35
PS-1699	1-5/8	E	3	2.375	BCFKF	S		Q26-240-Y35
PS-3183	1-5/8	E	3	2.375	VCFKF	I/S		Q26-240-Y6
PS-205	1-3/4	E	1	2.500	BCFJF		When Seal is Mounted on Sleeve: 3L-4, 3L-5, 4L-1, 5L-2, 6L-2, 6L-3 When Seal is Mounted on Shaft: 2-1/2JC	Q26-222-Y2
PS-205-P66	1-3/4	E	1	2.500	BCFJF	I		Q26-179-Y21
PS-366	1-3/4	E	1	2.500	BCFKF			Q26-223-Y34
PS-205V-CMS-P66	1-3/4	E	1	2.500	VCFJF	I		Q26-179-Y25
PS-535	1-3/4	E	3	2.500	BCFJF	S		Q26-217-Y2
PS-262	1-3/4	E	3	2.500	BCFKF	S		Q26-217-Y34 Q26-217-Y35
PS-3540	1-3/4	E	3	2.500	QZFZF	S		
PS-7774	1-3/4	EB	3	2.375	BCFJF	S		Q26-319-Y2
PS-2231	1-3/4	EB	3	2.375	BCFKF	S		Q26-304-Y34
PS-7821	1-3/4	EB	3	2.375	BCFZF	316SS I/S		Q26-304-Y10
PS-449	1-3/4	K	1	2.500	BCFJF		Frame #12-3UE, 4UD, 4UE-B12 Frame #13-4UF, 5UF, 6UG-B13	Q26-191-Y2
PS-2170	1-3/4	U	3	2.500	BCFJF	S		Q26-179-Y2
PS-4488	1-3/4	UB	3	2.375	BCFZF	S		
PS-479	2	E	1	2.750	BCFJF		When Seal is Mounted on Shaft: 6L-1, 8L-2, 10L-2, 10L-3 When Seal Mounted on Sleeve: 4L-4, 5L-1, 8L-3	Q26-267-Y2
PS-477	2	E	3	2.750	BCFKF	S		Q26-268-Y34
PS-3088	2	EB	3	2.500	QCFZF	316SS/I		Q26-305-Y30
PS-3304	2	EB	3	2.625	BCFJF	S		Q26-305-Y2
PS-7892	2	EB	3	2.625	BCFKF	S		Q26-305-Y34
PS-4291	2	EB	3	2.625	BCFZF			Q26-305-Y10
PS-4102	2	EB	3	2.625	VCFZF		5L1	
PS-4474	2	U	3	2.750	BCFJF			Q26-180-Y2
PS-385A	2	U	3	2.750	BCFKF	S	3JC and 5LI Split Case	Q26-180-Y34
PS-4468	2	U	3	2.750	VCFLF			Q26-180-Y52
PS-4391	2	U	3	2.750	VLFLF		8L2	
PS-3784	2-1/4	EB	3	3.000	BCFJF	S		Q26-306-Y2
PS-2658	2-1/4	EB	3	3.000	BCFLF			Q26-306-Y39
PS-7749	2-1/4	EB	3	3.000	BCFZF	S		Q26-306-Y10
PS-3643	2-1/4	EB	3	3.000	B/VCFKF	S		Q26-306-Y34
PS-278	2-3/8	E	3	3.250	BCFJF	S	When Seal is Mounted on Shaft: 8L-1, 12L-2 When Seal is Mounted on Sleeve: 6L-1, 8L-2, 10L-3	Q26-181-Y2 Q26-273-Y2
PS-350	2-3/8	E	3	3.250	BCFKF	S		Q26-181-Y34 Q26-275-Y34
PS-350V-P66-TC	2-3/8	E	3	3.250	VCFZF	I/S		Q26-181-Y17
PS-279	2-1/2	E	3	3.375	BCFJF	S	10L-2, Seal is Mounted on Sleeve	Q26-182-Y2
PS-349	2-1/2	E	3	3.375	BCFKF	S		Q26-198-Y34
PS-2158	2-1/2	K	1	3.375	BCFJF			Q26-406-Y2
PS-542	2-5/8	E	3	3.375	BCFKF	S		Q26-408-Y35
PS-7927	2-5/8	EB	3	3.375	BCFKF	S		Q26-340-Y34
PS-4485	2-5/8	EB	3	3.375	BLFZF	S		
PS-324SS	3	E	3	3.875	BCFJF	S	8L-1, 12L-2 Seal is Mounted on Sleeve	Q26-199-Y2
PS-5252	3	E	3	3.875	BCFKF	S		Q26-183-Y3, Q26-183-Y35
<b>WEIR SPECIALTY PUMPS</b>								
PS-356	1-1/8	C	1	1.750	BCFJF			157257
PS-3234	1-1/8	C	1	1.750	VZFLF			157548
PS-3287	1-3/16	D	3	1.875	BCDKF	I		542949-3
PS-758	1-1/2	C	1	2.125	BCFJF			157258
PS-659-TC	1-1/2	C	1	2.125	BCFZF			805169
PS-3166	1-1/2	C	1	2.125	BZFLF	316SS		157646

**NOTE:** I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WEIR SPECIALTY PUMPS (continued)</b>								
PS-2209	1-1/2	C	1	2.125	BZFZF			52597
PS-758V-CMS	1-1/2	C	1	2.125	VCFJF			157549
PS-7409	1-1/2	C	1	2.125	VCFJF	316SS		157256
PS-758V-TC-SC-CMS	1-1/2	C	1	2.125	VZFLF			157527
PS-3558	1-1/2	K	3	2.375	BCFJF			157319
PS-9713	1-1/2	WT Dbl.	3	2.375	VCFJF	316SS		157315
PS-3236	1-3/4	K	1	2.500	BZFZF			157442
PS-4304	1-3/4	K	1	2.500	VZFZF			157472
PS-4353	1-3/4	K	3	2.500	BCFJF	S		157172
PS-267	2	C	1	2.750	BCFJF			157259
PS-267V-CMS	2	C	1	2.750	VCFJF			157554
PS-6218	2	C	1	2.750	VZFZF			808976
PS-4343	2	K	3	2.750	BZ/CFZ/JF			804820
PS-1679	2-1/4	C	1	3.125	BCFJF			52600
PS-2120	2-1/2	C	1	3.375	BCFJF			157599
PS-4109	2-1/2	T	3	3.375	VZFLF	316SS		800724
PS-3235	3	C	1	3.875	BCFJF	316SS		157260
PS-6204	3-1/2	C	3	4.375	BCFJF	S		157576

## WELLS BLOOMFIELD

PS-359	5/8	C	1	1.250	BCFJF			35902
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## WEMCO® (Division of WEIR SPECIALTY PUMPS)

PS-541	1-1/2	K	1	2.125	BCFJF			157174
PS-3251	1-3/4	E	3	2.312	VCFLF	316SS/S		802328

## WEMCO® - HIDROSTAL - TYPE M - REPLACEMENT SEALS

VG-7085	1-1/8	VG714	1	1.750	VZFLF		Lower Seal	157261
PS-356	1-1/8	C	1	1.750	BCFJF		Upper Seal	157257
VG-7086	1-1/2	VG714	1	2.125	VZFLF		Lower Seal	157262
PS-758	1-1/2	C	1	2.125	BCFJF		Upper Seal	157258
VG-7087	2	VG714	1	2.750	VZFLF		Lower Seal	157263
PS-267	2	C	1	2.750	BCFJF		Upper Seal	157259

### Lower Seal

- Spring is covered by an elastomer boot which prevents seal clogging from stringy waste material.
- Durable Viton® elastomers and Tungsten Carbide rotating face.
- Sintered Silicon Carbide mating ring is standard.
- Dimensionally equivalent to the accompanying upper seal.



VG-7087  
Lower Seal



PS-267  
Upper Seal

Hidrostal® Type G & X Seal Types Also Available

Value Guard Part No.	Shaft Size	Head	Mating Ring	Mating Ring OD	Material Code	Pump Nameplate Data	Mfg. Part No.
<b>WEMCO® - SELF PRIMER</b>							
VG-7080	1-1/4	VGD	Special	Special	VLFZF	WSP3A, WSP4A, WSP6A	
VG-7079	1-1/4	VGD	Special	Special	VZFZF	WSP3A, WSP4A, WSP6A	
VG-7094	1-1/4	VGDU	Special	Special	VLFLF	WSP3A, WSP4A, WSP6A	
VG-7095	1-1/4	VGDU	Special	Special	VZFZF	WSP3A, WSP4A, WSP6A	
VG-7082	1-1/2	VGD	Special	Special	VLFLF	WSP8A	
VG-7081	1-1/2	VGD	Special	Special	VZFZF	WSP8A	

### Features:

- Tungsten Carbide and Silicon Carbide faces for severe abrasive service.
- Solid drive band extends seal life during periods of vibration and cavitation.
- Full convolution elastomer bellows for maximum self aligning capabilities.
- Pump sleeve, o-ring and impeller shim kit supplied for ease of installation.



Type VGD



Type VGDU

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WESTINGHOUSE</b>								
PS-663	1/2	Q	1	1.000	BMFJF			69782
<b>WHEELER, C.H.</b>								
FA-62	5/8	A	—	—	BCF-F			
PS-702	5/8	A	1	1.187	BMFJF		Reuse Brass Seat Housing	
<b>WHITE</b>								
PS-701	5/8	A	1	1.187	BMFKF			
PS-200	5/8	A	1	1.250	BMFJF			
<b>WILDEN®</b>								
PS-4407	1-1/2	E	1	2.125	QLFLF			S2477AFS99900

Value Guard Part No.	Seal Size	Head		Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WILO-EMU®</b>							
VGM-2961	35MM	VGM763		VLFLF	316SS		6037442
VGM-2962	50MM	VGM763		VLFLF	316SS		6037443
VGM-2963	75MM	VGM763		VLFLF	316SS		6037444

▪ Replacement Seals for EBS® double cartridge seals.



U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WORTHINGTON (See FLOWERVE CORP.)</b>								
PS-200	5/8	A	1	1.250	BMFJF		1-1/40CS-5, 1-1/40M-5	043008-00
PS-507	5/8	A	1	1.250	BMFKF		1-1/2PM3	
PS-528	5/8	A	1	1.375	BMFJF		Delta 512 and 520	PO2098-00, 28518652
PS-200V	5/8	A	3	1.250	VCFJF			
FA-1350	5/8	C	—	—	BCF-F		2GA, 2GAR	055955-00
PS-359	5/8	C	1	1.250	BCFJF			050675-00
PS-359V-CMS	5/8	C	1	1.250	VCFJF			055016-00, 74315409
PS-626	5/8	C	1	1.375	VCFJF	316SS	Delta 520 - Includes Sleeve	PO2099-00
PS-951	5/8	C	3	1.375	VCFKF		Delta 512 and 520	PO2752-00, 74262767
PS-201	3/4	A	1	1.375	BMFJF		1-1/2PE, 3 & 4	
FA-564	3/4	C	—	—	BCF-F		3 & 4 GA Pumps	024439-00
PS-373	3/4	C	1	1.375	BCFKF		Frame 1A, DN2	026492-00, 026493-00
PS-768	3/4	C	3	1.375	BCFKF			SEL 244
FA-160	7/8	D	—	—	BCD-F		5 & 6 AUM	
FA-5	7/8	E	—	—	BCF-F		5 & 6 GAUM	024440-00, 27197631
PS-560SS	15/16	U	2	1.562	BCFKF		Frame 1	026456-00, 031446-00
PS-370	1	A	1	1.625	BCFKF			
FA-1800	1-1/8	C	—	—	BCF-F			PO2885-00, 28518934
PS-529	1-1/8	C	3	1.750	BCFKF	S	Frame 1 D-812, 820, 1012, 1020	PO2885-00 w/ PO2893-00
PS-801	1-1/8	C	3	1.750	B/VCFJF	S	Frame 1 D-812, 820, 1012, 1020	PO2885-00 w/ PO2897-00
PS-356V	1-1/8	C	3	1.750	VCFJF	S	Frame 1 D-812, 820, 1012, 1020	PO2889-00 w/ PO2897-00
PS-355V	1-1/8	C	3	1.750	VCFKF	S	Frame 1 D-812, 820, 1012, 1020	PO2889-00 w/ PO2893-00
PS-866	1-1/8	E	3	1.750	BCFJF	S	Frame 1 D-1011, 1021	PO2869-00 w/ PO2897-00
PS-867	1-1/8	E	3	1.750	BCFKF	S	Frame 1 D-1011, 1021	PO2869-00 w/ PO2893-00
PS-282	1-1/8	U	3	1.750	BCFKF	S	2-1/2 LR10	051610-00
PS-394	1-1/4	U	3	1.875	BCF/DKF	S	2, 2-1/2 GRM1, 3GRWMC1	031448-00, 74295924
PS-394V	1-1/4	U	3	1.875	VCF/DKF			031448-01, 78945442
PS-805	1-3/8	C	3	2.000	BCFJF	S	Frame 2 D-812, 820, 1012, 1020	PO2886-00 w/ PO2898-00
PS-547	1-3/8	C	3	2.000	BCFKF	S	Frame 2 D-812, 820, 1012, 1020	PO2886-00 w/ PO2894-00
PS-177V	1-3/8	C	3	2.000	VCFJF	S	Frame 2 D-812, 820, 1012, 1020	PO2890-00 w/ PO2898-00
PS-210V	1-3/8	C	3	2.000	VCFKF	S	Frame 2 D-812, 820, 1012, 1020	PO2890-00 w/ PO2894-00

**NOTE:** S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WORTHINGTON (See FLOWERVE CORP.) (continued)</b>								
PS-864	1-3/8	E	3	2.000	BCFJF	S	Frame 2 D-811, 821, 1011, 1021	PO2870-00 w/ PO2898-00
PS-865	1-3/8	E	3	2.000	BCFKF	S	Frame 2 D-811, 821, 1011, 1021	PO2870-00 w/ PO2894-00
PS-561SS	1-3/8	U	1	2.000	BCFKF		Frame 2 2-1/2 LR-13	026457-00, 050498-00 272150-94
FA-9341	1-3/8	WT	—	—	Special	316SS		PO2878-00
FA-305	1-1/2	E	—	—	BCF-F			054845-00
FA-305V	1-1/2	E	—	—	VCF-F			605061-69
PS-395	1-1/2	E	3	2.125	BCFJF	S	3LR-9, 4, 5 & 6LR-10, 3LR-12, 4LR-12 1-1/2LLR-7, 1-1/2LLR-10, 2LLR-9	051708-00 w/ 053130-00
PS-258	1-1/2	E	3	2.125	BCFKF		3LR-9, 4, 5 & 6LR-10, 3LR-12 4LR-12, 1-1/2LLR-7, 1-1/2LLR-10 2LLR-9	
PS-458	1-5/8	U	3	2.375	BCDKF	S	4LR-14, 5LR-13, 4LR-11	051613-00 w/ 053132-00
FA-1660	1-3/4	C	—	—	BCF-F			PO2887-00, 28518876
FA-10045	1-3/4	C	—	—	VCF-F			PO2891-00
PS-550	1-3/4	C	3	2.500	BCFJF	S	Frame 3 D-812, 820, 1012, 1020	PO2887-00 w/ PO2899-00
PS-436	1-3/4	C	3	2.500	BCFKF	S	Frame 3 D-812, 820, 1012, 1020	PO2887-00 w/ PO2895-00
PS-7679	1-3/4	C	3	2.500	VLFLF	S		
PS-535	1-3/4	E	3	2.500	BCFJF	S	Frame 3 D-811, 821, 1011, 1021	PO2871-00 w/ PO2899-00
PS-262	1-3/4	E	3	2.500	BCFKF	S	Frame 3 D-811, 821, 1011, 1021	PO2871-00 w/ PO2895-00
PS-555	1-3/4	U	1	2.500	BCF/DKF		Frame 3	026458-00
PS-555SS	1-3/4	U	1	2.500	BCFKF		Frame 3	050499-00
PS-2070	1-7/8	E	1	2.625	BCFKF		4GRWM	031449-00
PS-1108	1-7/8	V	1	2.625	BMFJF		4FNC-10	
PS-582	2	C	3	3.000	BCFKF			
PS-477	2	E	3	2.750	BCFKF	S		031450-00
PS-477V	2	E	3	2.750	VCFKF	S		031450-01, 78945368
PS-456	2	U	3	2.750	BCFKF	S	5LR-15, 6LR-13, 6LR-16, 8LR-13	051614-00 w/ 053133-00
PS-385A	2	U	3	2.750	BCFKF	S	8LR-14	
PS-3083	2	U	3	2.750	VCFLF	S	2LLR11	
PS-854	2-1/8	C	3	2.875	BCFJF	S	Frame 4 D-1012, 1020	PO2888-00 w/ PO2900-00
PS-855	2-1/8	C	3	2.875	BCFKF	S	Frame 4 D-1012, 1020	PO2888-00 w/ PO2896-00
PS-856	2-1/8	E	3	2.875	BCFJF	S	Frame 4 D-1011, 1021	PO2872-00 w/ PO2900-00
PS-857	2-1/8	E	3	2.875	BCFKF	S	Frame 4 D-1011, 1021	PO2872-00 w/ PO2896-00
PS-556	2-1/8	U	1	3.000	BCFKF		Frame 4	026459-00, 050500-00
PS-5252	3	E	3	3.875	BCFKF	S	6LR-18, 10LR-15	055426-00 w/ 055425-00
PS-324SS	3	E	3	3.875	BCFJF	S	10FRBH182	53799771
PS-330	3-1/4	E	3	4.125	BCDJF		6 UZD-1	
<b>XYLEM INC.</b>								
PS-4024	3/4	G	1	1.275	QLFLF			P86262
PS-100	5/8	A	1	1.187	BMFJF			1760371
FA-4031	5/8	C	—	—	VCF-F	316SS/H		92055 0062
PS-2160	5/8	C	1	1.250	BCFJF			DP0302
PS-309	7/8	C	1	1.500	BCFJF			DP0294
FA-4463	1-1/4	C	—	—	BCF-F	316SS/H		92055 1125
PS-6261	1-1/4	G	1	1.875	QCFJF	316SS/I		P75221
PS-6260	1-1/4	G	1	1.875	QCFZF	316SS/I		P75223
PS-6264	1-1/4	G	1	1.875	VCFJF	316SS/I		P75225
PS-177	1-3/8	C	1	2.000	BCFJF			DP0298
FA-376E	1-3/8	D	—	—	QCD-F	I		P63316
PS-6262	1-5/8	G	1	2.375	QCFJF	316SS/I		P75222
PS-6263	1-5/8	G	1	2.375	QCFZF	316SS/I		P75224
FA-2108E	1-3/4	C	—	—	QCF-F	I		AC5232
PS-3027	2	C	3	3.000	QCFZF			AC3049
PS-3020	2-1/8	G	3	3.000	QCFJF	316SS/S		P75396
PS-4490	2-1/2	G	25	3.375	QLFLF	316SS		P5001086
PS-7909	2-5/8	D	3	3.375	BCFJF	I/S		P75572
<b>YEOMANS CHICAGO CORP.</b>								
PS-185	1-1/4	C	1	1.875	BCFJF			C3-2-57, 97809302
PS-2208	1-1/4	C	1	1.875	BZFZF			C3-2-72
PS-756V-CMS	1-1/4	C	1	1.875	VCFKF			C3-2-142
PS-383V	1-1/4	D	3	1.875	VCFKF			C3-2-12
PS-883	1-1/4	K	1	1.875	BCFJF			C3-2-82
PS-3150	32MM	G	1	1.890	VLFLF	316SS		C3-2-374, 97821064
PS-210V	1-3/8	C	3	2.000	VCFKF	S		C3-2-51



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Seal Size	Head	Mating Ring	Mating Ring Bore	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>YEOMANS CHICAGO CORP. (continued)</b>								
PS-758	1-1/2	C	1	2.125	BCFJF			C3-2-73
PS-2209	1-1/2	C	1	2.125	BZFZF			C3-2-58
PS-816	1-1/2	C	3	2.125	BCFJF	S		98114183
PS-446	1-3/4	C	1	2.500	BCFJF			C3-2-59
PS-2210	1-3/4	C	1	2.500	BCFZF			C3-2-93
PS-436V	1-3/4	C	3	2.500	VCFKF	S		C3-2-100
PS-3151	1-3/4	G	1	2.500	VLFLF	316SS		C3-2-376, 97809285
PS-449	1-3/4	K	1	2.500	BCFJF			C3-2-43
PS-267	2	C	1	2.750	BCFJF			C3-2-60
PS-842-TC-SEAT	2	C	1	2.750	BCFZF			C3-2-94
PS-2219	2	C	1	2.750	BZFZF			C3-2-75
PS-1145	2	C	3	2.750	VCFKF	S		C3-2-98
PS-2143	2	K	1	2.750	BCFJF			C3-2-47
PS-7196	2	K	3	2.750	BCFJF	S		04700050-000, 97806997
PS-3562	2-1/16	T	3	2.937	BCFKF			C3-2-153, 97873617
PS-844	2-1/8	C	1	3.000	BCFJF			C3-2-83
PS-887	2-1/8	K	1	3.000	BCFJF			C3-2-44
PS-1679	2-1/4	C	1	3.125	BCFJF			C3-2-61
PS-1676V	2-1/4	C	3	3.125	VCFKF	S		C3-2-99
PS-3077	2-1/4	R	1	3.125	BCFJF			00017293-000
PS-2158	2-1/2	K	1	3.375	BCFJF			C3-2-53
PS-1613	2-1/2	K	3	3.375	BCFJF	S		97881746
PS-3152	3	C	1	3.875	VLFLF	316SS		C3-2-274, 97809259
PS-3021	3	G	1	3.875	VLFLF	316SS		C3-2-378, 97809287
PS-3518	3	K	1	3.875	BCFJF			C3-2-45, 97809295
PS-3154	3-1/4	G	1	4.125	VLFLF	316SS		C3-2-380, 97816952
PS-6227	3-1/4	K	3	4.125	VCFJF			C3-2-143, 97881745
PS-3253	4	K	3	4.875	BCFZF			
PS-3155	5	K	3	6.000	BCFKF			C3-2-55, 97873678
<b>YORK (See JOHNSON CONTROLS)</b>								
<b>ZODIAC POOL SYSTEMS, INC. (See JANDY)</b>								
PS-2733	3/4	G	1	1.375	QCJFJ			A0580501 & A0580502
<b>ZOELLER PUMP CO.</b>								
FA-4218	1/2	B	—	—	BMF-F			009567
PS-2713	1/2	Q	8	—	BCFJF			005095
PS-3033	1/2	Q	8	.906	BCFKF			005095
PS-2732	1/2	Q	8	1.000	VCFKF			014554
FA-3300	5/8	B	—	—	BCF-F			001016
PS-7929	5/8	B	1	1.250	VLFLF			012240
PS-447	5/8	B	8	—	BCFJF	A		001017
PS-2745	3/4	B	8	1.187	BCFJF	316SS		017885
FA-1700	1	C	—	—	BCF-F			007767
PS-356	1-1/8	C	1	1.750	BCFJF			006510
PS-4443	1-1/8	C	1	1.750	BCFLF			011125
PS-355-SC-SC	1-1/8	C	1	1.750	BLFLF			011124
PS-356-TC-TC	1-1/8	C	1	1.750	BZFZF			007019
PS-356V-SC-SC-CMS	1-1/8	C	1	1.750	VLFLF			011126
PS-185	1-1/4	C	1	1.875	BCFJF			008165
PS-185-SC-SC	1-1/4	C	1	1.875	BLFLF			011128
PS-2208	1-1/4	C	1	1.875	BZFZF			008166
PS-185V-CMS	1-1/4	C	1	1.875	VCFJF			008177
PS-185V-SC-SEAT	1-1/4	C	1	1.875	VCFLF			011131
PS-4101	1-1/4	C	1	1.875	VLFLF	316SS		011130
PS-758	1-1/2	C	1	2.125	BCFJF			006500
PS-758-SC-SEAT	1-1/2	C	1	2.125	BCFLF			011132
PS-659-TC	1-1/2	C	1	2.125	BCFZF			007024
PS-758-SC-SC	1-1/2	C	1	2.125	BLFLF			007023
PS-2209	1-1/2	C	1	2.125	BZFZF			007011
PS-758V-CMS	1-1/2	C	1	2.125	VCFJF			007027
PS-758V-SC-SEAT	1-1/2	C	1	2.125	VCFLF			011133
PS-758V-SC-SC	1-1/2	C	1	2.125	VLFLF			011134
PS-659V-TC-VS-TC	1-1/2	C	1	2.125	VZFZF			007026, 008180
PS-446	1-3/4	C	1	2.500	BCFJF			008168
PS-446-TC-TC	1-3/4	C	1	2.500	BZFZF			008169
PS-340	1-7/8	C	1	2.625	BCFJF			007131
PS-340-TC-SC	1-7/8	C	1	2.625	BZFZF			011139
PS-340-TC-TC	1-7/8	C	1	2.625	BZFZF			007440
PS-267	2	C	1	2.750	BCFJF			008171

**NOTE:** A. MOUNTS ON SHAFT  
S. SLOTTED MATING RING

# USE THE RIGHT SEAL FOR YOUR POOL & SPA PUMPS

There ARE Different Seals For Different Applications

## GENERAL POOL APPLICATIONS - TWO CHOICES

### Industry Standard

- Used for years by pool pump manufacturers
- Materials of Construction:
  - Buna Elastomers, Molded Plastic Primary Ring, Ceramic Seat, Stainless Steel Hardware
- Proven Reliability in residential chlorine pools
- Good For low temperatures

### Carbon Upgrade

- Materials of Construction:
  - Buna Elastomers, Carbon Primary Ring, Ceramic Seat, Stainless Steel Hardware
- Better Chemical Resistance



**PS-200**  
General Service Seal

## OZONE/SALT SERVICE

- Great for ozonators or salt chlorine generators
- Materials of Construction:
  - Viton® Elastomers, Carbon Primary Ring, Polished Ceramic Mating Ring, Stainless Steel Hardware
- More durable, and an upgrade to, General Service seals
- Improved resistance to heat and chemicals
- Quickly becoming the seal of choice by pool pump manufacturers



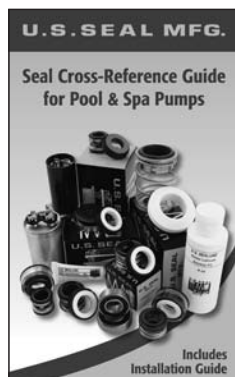
**PS-3867**  
Ozone/Salt Service Version of PS-200

## SCS/COMMERCIAL/RESIDENTIAL

- Use for your MOST demanding commercial and residential applications
- Materials of Construction:
  - Viton® Elastomers, Silicon Carbide Primary Ring, Silicon Carbide Mating Ring, Stainless Steel Hardware
- Superior materials deliver excellent abrasion, corrosion and chemical resistance
- Don't risk damage to your expensive variable speed motors
- More forgiving when pump is run dry or accidentally loses prime
- Compatible with all Pool & Spa chemicals.
- Best choice when using ozonators or salt chlorine generators



**PS-1901**  
SCS Version of PS-200



Ask For Your Free Copies  
of our  
**Seal Cross-Reference Guide  
for Pool & Spa Pumps**

# POOL & SPA PUMP REPLACEMENT SEALS

Pump Mfg.	Pump Model	Mfg. No.	General Service	Carbon Upgrade	Ozone / Salt Service	SCS Series	Value Guard
<b>Acura Spa Systems, Inc.</b>	Aquaheat	1090-A	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	Aquaheat Plus	1090-A	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	Magnaflow	1090-A	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	Magnaflow 56	1090-A	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	Maverick	1090-A	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	Supercharger	1090-A	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	Supercharger II	1090-A	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
<b>American Products</b>	Americana®	395005	PS-201	PS-4265	PS-3868	PS-1902	VG-201
	Americana II®	397012	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	Bronze-Bronze	397012	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	Bronze-Noryl®	395005	PS-201	PS-4265	PS-3868	PS-1902	VG-201
	Eagle®	397012	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	Eagle®	397020	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	Maxim™	397012	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	Power-Glass®	397012	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
Ultra-Flo®	397020	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000	
<b>Ampro-Diaclear</b>	Dia Cast	AP-504D	PS-163	—	PS-163V	—	VG-163
	Dura-Flo®	AP-304D	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	Lexan® 200	AP-504D	PS-163	—	PS-163V	—	VG-163
	Noryl® Turbo	AP-304D	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	XL 600	AP-304D	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
<b>Anthony &amp; Sylvan</b>		04380	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
		04547	PS-100	PS-4267	PS-3866	PS-1900	VG-100
<b>Arneson</b>	Pool Sweep	A-8	PS-200	PS-3960	PS-3867	PS-1901	VG-200
<b>Astral Pool</b>	Astramax	Series 1600	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	Sena	Series 1800	PS-200	PS-3960	PS-3867	PS-1901	VG-200
<b>Baker-Hydro</b>		35B1178	PS-200	PS-3960	PS-3867	PS-1901	VG-200
		634016	—	PS-3985	PS-3986	PS-1904	—
<b>Columbia</b>			PS-142	—	PS-142V	—	VG-142
<b>Diaclear</b>		36100	PS-142	—	PS-142V	—	VG-142
<b>Doughboy Industries</b>		306-1002	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
		306-1006	PS-200	PS-3960	PS-3867	PS-1901	VG-200
<b>Gecko Alliance, Inc.</b>	A Series	92500050	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	A & B Series	92509040	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	AC Series	92500000	—	PS-309	PS-309V-CMS	PS-3941	VG-309
	C Series	92500050	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	D Series	92500040	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	D Series	92500050	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	Circ-Master®	92500151	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	Dominator®						
	High Head / Med Head	92500150	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	Pre 1995	92500050	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	Flo-Master®	91049000	PS-2131	PS-4275	PS-3869	PS-1906	VG-2131
	Flo-Master®	92500150	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	Pond-Flo	92500151	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	Tub-Master®	91049000	PS-2131	PS-4275	PS-3869	PS-1906	VG-2131
Tub-Master®	92500150	PS-200	PS-3960	PS-3867	PS-1901	VG-200	
* Contains EPR	—	92502020 & 92501000	—	PS-200-EPR*	—	—	—
<b>Hayward Industries, Inc.</b>	Cast Iron	SPX1250XZ2	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	Max-Flo™	SPX1600Z2	PS-201	PS-4265	PS-3868	PS-1902	VG-201
		SPX1600Z2GV	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201
	Max-Flo II®	SPX2700SA	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	NorthStar™	SP4000SA	—	PS-3890	PS-4280	PS-1907	—
	Power-Flo II™	SPX1500KA	PS-2131	PS-4275	PS-3869	PS-1906	VG-2131
	Power-Flo LX™	SPX1500KA	PS-2131	PS-4275	PS-3869	PS-1906	VG-2131
	Power-Flo Matrix™	SPX1500KA	PS-2131	PS-4275	PS-3869	PS-1906	VG-2131
	Super Pump™	SPX1600Z2	PS-201	PS-4265	PS-3868	PS-1902	VG-201
	Super Pump™	SP2605X7A	PS-201	PS-4265	PS-3868	PS-1902	VG-201
	Super Pump II™	SP2605X71	PS-201	PS-4265	PS-3868	PS-1902	VG-201
	Tri Star®	SPX3200SA	—	PS-3890	PS-4280	PS-1907	—
	Turbo-Flo®	SPX1500KA	PS-2131	PS-4275	PS-3869	PS-1906	VG-2131

# POOL & SPA PUMP REPLACEMENT SEALS

Pump Mfg.	Pump Model	Mfg. No.	General Service	Carbon Upgrade	Ozone / Salt Service	SCS Series	Value Guard
<b>Jacuzzi®</b>	8M	10-1203-01	—	PS-877	—	—	VG-877
	10M	10-1299-06	—	PS-235	—	—	VG-235
	Cygnnet	10-0002-06	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	A, J, JCM Series	10-0002-06	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	K, KM Series	10-0002-06	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	LCM, LCU Series	10-1436-00	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	LR Series	10-0002-06	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	Magnum®	10-1502-09	PS-201	PS-4265	PS-3868	PS-1902	VG-201
	RC Series	10-1502-09	PS-201	PS-4265	PS-3868	PS-1902	VG-201
Vector (LVL)	10-0002-06	PS-200	PS-3960	PS-3867	PS-1901	VG-200	
<b>Jandy® (Division of Zodiac® Pool Systems)</b>	FHP, JEP, MHP, PHP	R0479400	—	PS-3890	PS-4280	PS-1907	—
	SHP, SWF, WFTR	R0479400	—	PS-3890	PS-4280	PS-1907	—
	HHP, HHPU	R0338200	PS-601	PS-3985	PS-3986	PS-1904	VG-601
	MHPM	R0445500	—	—	PS-4231*	—	—
	* Contains PS-4280 and PS-3868	PB4-60 PB4-60Q	P55 P84-3	PS-1000 —	PS-961 PS-3890	PS-3865R PS-4280	PS-1905 PS-1907
<b>Lomart</b>	40-027	PS-163	—	PS-163V	—	VG-163	—
	40-029	PS-163	—	PS-163V	—	VG-163	—
<b>Marlow</b>	2AF Series	25353-00	PS-411	—	—	—	VG-411
	3B Series	27223-00	—	PS-416A	—	PS-1910	VG-416A
	4SPC	28146200000	—	PS-7497	PS-7497V	—	—
	Argonaut®	38592-00	PS-201	PS-4265	PS-3868	PS-1902	VG-201
	L Series	186862	—	PS-978	—	—	VG-978
	L Series	186543	—	PS-514	—	—	VG-514
	Mardur®	38592-00	PS-201	PS-4265	PS-3868	PS-1902	VG-201
SCT Series SS	46328-00	PS-2161	—	—	—	—	
<b>Muskin</b>		09-2001	PS-163	—	PS-163V	—	VG-163
		09-2013	PS-142	—	PS-163V	—	VG-142
<b>PacFab</b>	AH Series™	071728	PS-201	PS-4265	PS-3868	PS-1902	VG-201
<b>Pentair Pool Products</b>		353096	—	PS-2742	—	—	—
		353253S/ 354545S	PS-200	PS-3960	PS-3867	PS-1901	VG-200
		071734S/ 071734SP	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	* Contains EPR	U9-3725S	—	PS-2744*	—	—	—
		359607S	PS-201	PS-4265	PS-3868	PS-1902	VG-201
<b>Premier</b>	120T	31-812	PS-201	PS-4265	PS-3868	PS-1902	VG-201
	220/225 - Pre 1988	31-813	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	225/255 MKII	31-812	PS-201	PS-4265	PS-3868	PS-1902	VG-201
	300/325/355	31-812	PS-201	PS-4265	PS-3868	PS-1902	VG-201
	455/456	31-813	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	500/600	31-813	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	725/756	31-812	PS-201	PS-4265	PS-3868	PS-1902	VG-201
<b>Purex / Hydrotech</b>	Aquatron®	071733	PS-501	PS-952	PS-3864	PS-1903	VG-501
	Challenger®	354545	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	C Series®	071725	PS-360	PS-4266	PS-3874	PS-1909	VG-360
	Dynamite®, Dynamo®						
	Dynatron®	354545	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	Hydropump®	354001	PS-201	PS-4265	PS-3868	PS-1902	VG-201
	IntelliFlo®	071734S	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	L Series™	17351-0102	PS-100	PS-4267	PS-3866	PS-1900	VG-100
	L Series™	071728	PS-201	PS-4265	PS-3868	PS-1902	VG-201
	Pinnacle®	354545S	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	SuperFlo®	354545S	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	WhisperFlo®	071734S	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
<b>Speck Pumps</b>		2920343310	—	—	—	—	VGM-2920
		2920060603	PS-200	PS-3960	PS-3867	PS-1901	VG-200
		60603-200	PS-200	PS-3960	PS-3867	PS-1901	VG-200
<b>Sta-Rite Industries</b>	AJ	U9-433SS	—	PS-3883	—	—	—
	CC/C	U109-93SS	PS-100	PS-4267	PS-3866	PS-1900	VG-100
		U109-433SS	—	PS-185	PS-185V-CMS	PS-185V- SC-SC	VG-185
	Pre Aug. 2000	U109-220	—	PS-185	PS-185V-CMS	PS-185V- SC-SC	VG-185
	CF/CFA CSPH/CCSPH	U109-136SS S-32014	PS-1000 —	PS-961 PS-185	PS-3865R PS-185V-CMS	PS-1905 PS-185V- SC-SC	VG-1000 VG-185

# POOL & SPA PUMP REPLACEMENT SEALS

Pump Mfg.	Pump Model	Mfg. No.	General Service	Carbon Upgrade	Ozone / Salt Service	SCS Series	Value Guard
<b>Sta-Rite Industries</b> (continued)	CSPH/CCSPH	S-32015	—	PS-446	—	—	VG-446
	D Series	U109-433SS	—	PS-185	PS-185V-CMS	PS-185V-SC-SC	VG-185
	Pre Aug. 2000	U109-220	—	PS-185	PS-185V-CMS	PS-185V-SC-SC	VG-185
	DJ/JS/JT Series	37400-0027S	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201
	Pre Jan. 2001	U109-358SS	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201
	Dura-Glas®						
	Pre 1998	U109-93SS	PS-100	PS-4267	PS-3866	PS-1900	VG-100
	Dura-Glas®						
	PE, PEA, P2R, P2RA	17304-0100S	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	Dura-Glas® II						
	Pre 1998	U109-372SS	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201
	Dura-Glas® II						
	U109-358SS	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201	
	Dura-Glas® II						
	P4E, P4EA, P4R, P4RA	37400-0027S	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201
	Dura-GlasII®						
	P4E, P4EA, P4R, P4RA	37400-0028S	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201
	Dura-Jet	U109-358SS	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201
	After Jan. 2001	37400-0027S	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201
	Dyna-Glas® / Dyna-Max®	U109-358SS	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201
	After June 2000	37400-0027S	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201
	Dyna-Jet™	17351-0101S	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201
	HP Series	U109-136SS	PS-1000	PS-961	PS-3865R	PS-1905	VG-1000
	JW/JWPA Series	U109-358SS	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201
	After Jan. 2001	37400-0027S	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201
	LT Series	U109-68SS	PS-163	—	PS-163V	—	VG-163
	Max-E-Glas™						
	Pre 1998	U109-93SS	PS-100	PS-4267	PS-3866	PS-1900	VG-100
	Max-E-Glas™						
	PE, PEA, P2R, P2RA	17304-0100S	PS-200	PS-3960	PS-3867	PS-1901	VG-200
	Max-E-Glas™ II	U109-358SS	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201
Max-E-Glas™ II	U109-372SS	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201	
Max-E-Glas™ II							
P4E, P4EA, P4R, P4RA	37400-0027S	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201	
Max-E-Glas™ II							
P4E, P4EA, P4R, P4RA	37400-0028S	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201	
Max-E-Pro™							
P6E, P6RA	37400-0028S	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201	
PLBC Series	17351-0102S	PS-100	PS-4267	PS-3866	PS-1900	VG-100	
PLBC Series							
Pre 1995	U109-93SS	PS-100	PS-4267	PS-3866	PS-1900	VG-100	
SuperMax	354545S	PS-200	PS-3960	PS-3867	PS-1901	VG-200	
<b>Swimquip®</b>	XL, VI/XL, VII Series	37407-0009	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201
<b>Vico</b>	SuperFlo, UltraFlo, Ultima	PPSFSEAL	—	PS-4274	PS-3870	—	—
<b>Water Ace</b>	RSP-7, 10, 15	25053A000	PS-3845	—	—	—	—
<b>Waterco USA</b>	Supatuf	6340162	—	PS-3985	PS-3986	PS-1904	—
<b>Waterway Plastics</b>	Tiny Mite	—	PS-671	—	—	—	—
	EX2, Hi-Flo II, Supreme, Viper	319-3010B	—	—	PS-200V-CMS	—	—
	Champion, Econoflo, Executive, Hi-Flo, SMF, Spa Flo, Workman	319-3100B	—	—	—	—	VG-9596*
	Iron Might, Spa Flo II	319-3110B	—	—	PS-3212	—	—
** Contains EPR	Booster Pump	319-3290B	—	—	PS-4577**	—	—
<b>Wayne Water Systems</b>		15693	PS-201	PS-4265	PS-3868	PS-1902	VG-201
		56112	PS-201	PS-851	PS-201V-CMS	PS-1908	VG-201
<b>Zodiac® Pool Systems</b>		A0580501 & A0580502	—	PS-2733*	—	—	—
* Contains EPR							

# MATERIAL RECOMMENDATION CHART

FLUID	SEAL FAMILY		ARRANGEMENT	SECONDARY SEALS				SEAL FACES						METAL PARTS		
	NON-PUSHER	PUSHER		BUNA	VITON®	EPR	PTFE	CARBON	CAST IRON/NIRESEIST	CERAMIC	TC	RE SIC	ALPHA SIC	304 SS	316 SS	ALLOY 20
Acetone	✓	✓	S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Acetyl Chloride		✓	D		✓		✓	✓		✓	✓	✓	✓	✓		
Acetylene, Gas	✓	✓	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ammonia, Anhydrous	✓	✓	D			✓	✓	✓		✓			✓	✓	✓	✓
Ammonium Carbonate, <60%	✓	✓	S		✓		✓	✓		✓		✓	✓	✓	✓	✓
Ammonium Hydroxide, <30%	✓	✓	S			✓	✓	✓	✓	✓			✓	✓	✓	✓
Ammonium Nitrate	✓	✓	S	✓		✓	✓	✓		✓		✓	✓	✓	✓	✓
Ammonium Phosphate (Dibasic), <40%	✓	✓	S	✓		✓	✓	✓		✓		✓	✓	✓	✓	✓
Amyl Alcohol	✓	✓	S			✓	✓	✓			✓	✓	✓	✓	✓	✓
Asphalt (Crude Oil Residue)	✓	✓	S		✓		✓	✓			✓	✓	✓	✓	✓	✓
Asphalt, Emulsified	✓	✓	S		✓		✓	✓	✓		✓	✓	✓	✓	✓	
Barium Hydroxide, <50%	✓	✓	D	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Beer	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Beer Wort	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Beet Sugar	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Bentonite	✓	✓	S			✓	✓	✓				✓	✓	✓	✓	
Benzene, Benzol	✓	✓	D		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Boric Acid, <30%	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Bunker C Fuel Oil	✓	✓	S	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓
Butadiene (Monomer)	✓	✓	D		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Butane, Gas	✓	✓	D	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Butane, Liquid	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Buttermilk	✓		S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Butyl Alcohol (N), <10%	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Butyl Alcohol (Sec), <15%	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Butyl Alcohol (Tert)	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Calcium Sulfate, <10%	✓	✓	S			✓	✓	✓		✓		✓	✓	✓	✓	✓
Calgon	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Carbon Dioxide, Gas	✓	✓	D	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
Carbon Dioxide, Liquid	✓	✓	S	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓
Carbon Monoxide	✓	✓	D	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
Carbonic Acid, <10%	✓	✓	S		✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Castor Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Cement Slurry	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Chocolate	✓		S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Citric Acid, <10%	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Clay Slurry	✓	✓	S	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
Coal Slurry	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Cocoa Butter	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Coconut Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Cooling Tower Water	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Copper Acetate, <20%	✓	✓	D			✓	✓	✓		✓		✓	✓	✓	✓	✓
Copper Ammonium Acetate, <20%	✓	✓	D			✓	✓	✓		✓			✓	✓	✓	✓
Copper Nitrate, <15%	✓	✓	S		✓		✓	✓		✓		✓	✓	✓	✓	✓
Copper Sulfate, <15%	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Corn Mash	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Corn Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Cotton Seed Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓

Non Pusher Seals - U.S. Seal Mfg. Type A, B, C, D, E, G, K, Q, S, T, U      Pusher Seals - U.S. Seal Mfg. Type V,W,X  
 Arrangement S=Single D=Double

# MATERIAL RECOMMENDATION CHART

FLUID	SEAL FAMILY		ARRANGEMENT	SECONDARY SEALS				SEAL FACES						METAL PARTS		
	NON-PUSHER	PUSHER		BUNA	VITON®	EPR	PTFE	CARBON	CAST IRON/NIRESI	CERAMIC	TC	RB SIC	ALPHA SIC	304 SS	316 SS	ALLOY 20
Crude Oil	✓	✓	S		✓		✓	✓			✓	✓	✓	✓	✓	✓
Cutting Oil (Typical)	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cyclohexane	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cyclohexanol	✓	✓	D	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Detergent (Typical), >15%	✓	✓	S	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓
Dichlorohydrin	✓	✓	D			✓	✓	✓		✓		✓	✓	✓	✓	
Diesel Fuel	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Diethyl Carbonate	✓	✓	D			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Di-isobutyl Ketone	✓	✓	D			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Di-isopropyl Ketone	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Dimethyl Ether	✓	✓	S	✓			✓	✓		✓	✓	✓	✓	✓	✓	✓
Dye Liquors	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Ethane, Gas	✓	✓	D	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethane, Liquid	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethane/Propane Mix	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethanol (10% Mixture w/Gasoline)	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ethyl Alcohol (Ethanol)	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Ethyl Bromide	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Ethyl Formate	✓	✓	S		✓		✓	✓		✓		✓	✓	✓	✓	
Ethylbenzene		✓	✓		✓		✓	✓		✓	✓	✓	✓	✓	✓	
Ethylene Glycol	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Ferric Nitrate		✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Ferric Sulfate, <15%	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Fruit (Juice & Pulp), Typical	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Fuel Oil #5 & #6	✓	✓	S		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fumaric Acid	✓	✓	S	✓	✓		✓	✓		✓		✓	✓	✓	✓	✓
Gasoline	✓	✓	S		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Gelatin	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Glycerine (Glycerol)	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Gypsum Slurry	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Heat Transfer Fluids (Calflo, Dowtherm, Duratherm, Mobiltherm, Multitherm, Paratherm, Texatherm, Thermex, Thermina, Therminol, Ucon)	✓	✓	S		✓		✓	✓	✓		✓	✓	✓	✓	✓	✓
Helium, Gas	✓	✓	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Heptane, Liquid	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hexane, Liquid	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hexanol (Hexyl Alcohol)	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Hydraulic Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Hydrogen Chloride, Dry Gas	✓	✓	D		✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Hydrogen Peroxide, <30%	✓	✓	S		✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Hydrogen, Gas	✓	✓	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Isobutyl Acetate	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Isobutyl Alcohol	✓	✓	S		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Isopentane		✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Isopropyl Alcohol (Isopropanol)	✓	✓	S		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Jet Fuel JP-3, 4, 5, 6, 8	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Kaolin (clay) Slurry	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓

Non Pusher Seals - U.S. Seal Mfg. Type A, B, C, D, E, G, K, Q, S, T, U      Pusher Seals - U.S. Seal Mfg. Type V,W,X  
Arrangement S=Single D=Double

# MATERIAL RECOMMENDATION CHART

FLUID	SEAL FAMILY		ARRANGEMENT	SECONDARY SEALS				SEAL FACES						METAL PARTS		
	NON-PUSHER	PUSHER		BUNA	VITON®	EPR	PTFE	CARBON	CAST IRON/NIRESIST	CERAMIC	TC	RB SIC	ALPHA SIC	304 SS	316 SS	ALLOY 20
Kerosene	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ketchup	✓	✓	S	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	
Lactic Acid, <70%	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Lard	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Lauric Acid	✓	✓	S	✓	✓		✓	✓			✓	✓	✓	✓	✓	
Linseed Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Liquid Natural Gas (LNG)	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Liquid Petroleum Gas (LPG)	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Lithium Bromide	✓	✓	D			✓	✓	✓		✓		✓	✓	✓	✓	✓
Lubricating Oil ( Petroleum Based)	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Maelic Acid	✓	✓	S		✓		✓	✓		✓		✓	✓	✓	✓	✓
Magnesium Hydroxide, <10%	✓	✓	S		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Magnesium Hydroxide, >10%	✓	✓	S		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Magnesium Sulfate, <40%	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Magnesium Sulfate, <5%	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Mercury	✓	✓	D	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓
Methane, Gas	✓	✓	D	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓
Methanol (Methyl Alcohol)	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Methyl Benzoate		✓	S		✓		✓	✓	✓			✓	✓	✓	✓	
Methyl Ethyl Ketone (MEK)	✓	✓	S			✓	✓	✓		✓		✓	✓	✓	✓	✓
Milk	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Molasses	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Naphtha, Coal Tar	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	
Naphthalene			S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Nickel Sulfate	✓	✓	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nitrogen, Gas		✓	D			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nitrogen, Liquid	✓	✓	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Olive Oil	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ozone, <12%	✓	✓	S		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Paint, Oil Based	✓	✓	D		✓		✓	✓			✓	✓	✓	✓	✓	✓
Paint, Water Based	✓	✓	S		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Palm Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Palmitic Acid	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Paraffin, Molten	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Paraformaldehyde, <30%	✓	✓	S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Paraldehyde	✓	✓	D			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Peanut Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Penicillin	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Pentane	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Perchloroethylene	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Petroleum Oil	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Phenylacetic Acid	✓	✓	S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Phthalic Acid		✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Pine Oil	✓	✓	D	✓	✓		✓	✓		✓		✓	✓	✓	✓	✓
Pitch	✓	✓	S		✓		✓	✓		✓	✓		✓	✓	✓	✓
Polyethylene Glycol		✓	S			✓	✓	✓			✓	✓	✓	✓	✓	✓
Polyvinyl Acetate, Slurry	✓	✓	D			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Potassium Bicarbonate, <30%	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓

Non Pusher Seals - U.S. Seal Mfg. Type A, B, C, D, E, G, K, Q, S, T, U      Pusher Seals - U.S. Seal Mfg. Type V,W,X  
 Arrangement S=Single D=Double



# MATERIAL RECOMMENDATION CHART

FLUID	SEAL FAMILY		ARRANGEMENT	SECONDARY SEALS				SEAL FACES						METAL PARTS		
	NON-PUSHER	PUSHER		BUNA	VITON®	EPR	PTFE	CARBON	CAST IRON/NIRESIST	CERAMIC	TC	RB SIC	ALPHA SIC	304 SS	316 SS	ALLOY 20
Potassium Carbonate (Potash), <20%	✓	✓	S			✓	✓	✓		✓			✓	✓	✓	
Potassium Carbonate (Potash), >20%	✓	✓	S			✓	✓	✓		✓		✓	✓	✓	✓	
Potassium Dichromate, <55%		✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	
Potassium Hydroxide, <10%	✓	✓	D	✓	✓	✓	✓			✓		✓	✓	✓	✓	
Potassium Hydroxide, <10%		✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	
Potassium Permanganate, <10%	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	
Potassium Sulfate, <25%	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	
Propane, Gas	✓	✓	S	✓	✓		✓	✓		✓		✓	✓	✓	✓	
Propane, Liquid	✓	✓	D	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Propyl Alcohol (Propanol)		✓	S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Propylene	✓	✓	S		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Propylene Glycol	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓		
Pyridine (Chlorinated)	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	
R-22 & Mineral Oil/Alkybenzene	✓		S				✓	✓	✓	✓	✓	✓	✓	✓	✓	
Rapeseed Oil	✓		S		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Refrigerant 11 (CFC)	✓	✓	S				✓	✓		✓		✓	✓	✓	✓	
Refrigerant 12 (CFC)	✓	✓	S				✓	✓	✓	✓	✓	✓	✓	✓	✓	
Refrigerant 13 (CFC)	✓	✓	S	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Refrigerant 22 (HCFC)	✓	✓	S				✓		✓	✓	✓	✓	✓	✓	✓	
Refrigerant 113 (CFC)	✓	✓	S	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	
Refrigerant 114 (CFC)	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	
Refrigerant 134A (HFC)	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	
Refrigerant 502 (CFC)	✓	✓	S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Rosin Size		✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	
Salicylic Acid	✓	✓	S		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Sewage, Sludge	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Sewage, Treated	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓		
Silicone Fluid	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	
Sodium Acetate, <10%	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	
Sodium Bicarbonate	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Sodium Borate (Borax)	✓	✓	D	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		
Sodium Carbonate (Soda Ash)	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Sodium Metasilicate	✓	✓	S			✓	✓			✓	✓	✓	✓	✓		
Sodium Nitrate, <90%	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	
Sodium Nitrite, <70%	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	
Sodium Perchlorate	✓	✓	D			✓	✓	✓		✓	✓	✓	✓	✓		
Sodium Phosphate, Dibasic, <20%		✓	D	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	
Sodium Phosphate, Tribasic	✓	✓	S	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	
Sodium Sulfite, <50%	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Soybean Oil	✓	✓	S	✓	✓		✓	✓		✓		✓	✓	✓	✓	
Starch	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		
Sugar, Carbonated Juice, <55%	✓	✓	S		✓		✓	✓		✓		✓	✓	✓	✓	
Sugar, Clear Juice, <50%	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	
Sugar, Diffuser Juice, <55%	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	
Sugar, Limed Juice, <55%	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Sugar, Molten	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
Sugar, Syrup, <80%	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		
Sulfolane	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	

Non Pusher Seals - U.S. Seal Mfg. Type A, B, C, D, E, G, K, Q, S, T, U      Pusher Seals - U.S. Seal Mfg. Type V,W,X  
 Arrangement    S=Single    D=Double

# MATERIAL RECOMMENDATION CHART

FLUID	SEAL FAMILY		ARRANGEMENT	SECONDARY SEALS				SEAL FACES						METAL PARTS		
	NON-PUSHER	PUSHER		BUNA	VITON®	EPR	PTFE	CARBON	CAST IRON/NIRESIST	CERAMIC	TC	RB SIC	ALPHA SIC	304 SS	316 SS	ALLOY 20
Sulfur Dioxide, Dry	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sulfur, Molten	✓	✓	D		✓		✓	✓		✓		✓	✓	✓	✓	✓
Tall Oil	✓	✓	S	✓	✓		✓	✓			✓	✓	✓	✓	✓	✓
Tallow		✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Tannic Acid	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Tar (Coal)	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Tartaric Acid, >20%	✓	✓	S	✓	✓		✓	✓			✓	✓	✓	✓	✓	✓
Terephthalic Acid, Slurry	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Titanium Dioxide, Slurry	✓	✓	S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Toluene	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Transformer Oil	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Transmission Fluid	✓	✓	S	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓
Trichloroethane, Dry	✓	✓	S		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Trichloroethylene, Dry	✓	✓	S		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Triethylene Glycol (TEG)	✓	✓	D			✓	✓	✓		✓		✓	✓	✓	✓	✓
Tung Oil	✓	✓	S	✓	✓		✓	✓			✓	✓	✓	✓	✓	✓
Turpentine	✓	✓	S	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Urea, >5%	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Varnish (Resin)	✓	✓	S		✓		✓	✓		✓	✓		✓	✓	✓	✓
Vegetable Juice	✓	✓	D		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Vegetable Oil	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Water, Boiler Feed	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Water, Chlorinated (<500 PPM)	✓	✓	S			✓	✓	✓			✓	✓	✓	✓	✓	✓
Water, Clean	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Water, Condensate	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Water, Fresh River or Lake	✓	✓	S	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
Water, Produced	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Water, Sour (H 2S Only)	✓	✓	S	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Water, Ultra Pure (>10 Mohm/cm)	✓	✓	S			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Whiskey	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓
Wine	✓	✓	S	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓
Xylen /Xylol (Ortho)	✓	✓	S		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Yeast		✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Zinc Nitrate	✓	✓	S	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Zinc Sulfate, <45%	✓	✓	S	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓

**CAUTION:** USE THIS CHART AS A GUIDE ONLY FOR THE SELECTION OF A MATERIAL.  
 WE SUGGEST TESTS BE RUN FOR COMPATIBILITY, OR CONTACT U.S. SEAL MFG. FOR THEIR RECOMMENDATIONS.

Non Pusher Seals - U.S. Seal Mfg. Type A, B, C, D, E, G, K, Q, S, T, U      Pusher Seals - U.S. Seal Mfg. Type V,W,X  
 Arrangement    S=Single    D=Double

# SEAL INSTALLATION INSTRUCTIONS

1. Disassemble pump cavity to expose seal.
2. Carefully remove existing seal head and mating ring, noting where and how it was installed. Avoid scratching shaft or mating ring counterbore.
3. Clean shaft and counterbore surfaces using fine emery cloth or equivalent. Remove rust, burrs, and wipe clean.
4. Lubricate shaft, mating ring counterbore, and rubber components of both seal head and mating ring with a lubricant compatible with seal elastomers. Never use PTFE or silicone based products.  
 U.S. Seal Mfg. recommends U.S. SEALUBE, which has a water based formula specifically designed to lubricate rubber. It provides a high degree of lubricity to all rubber components and maintains its wetness for a short period of time, allowing for easy installation of mechanical seals.
5. Check seal surfaces to be sure they are free of any dirt, grit, or lubricants. Use an alcohol prep pad to clean the faces before final assembly.
6. Press mating ring into counterbore, making sure that it is bottomed square. The lapped and polished faces of the new seal are easily scratched and damaged. Protect them from damage, dirt, and fingerprints.
7. Slide seal head along shaft making sure that spring is correctly engaged into seal.
8. Re-assemble pump. Turn the shaft by hand a few rotations or bump the motor to check the seals for squeals or other unwanted noises.
9. Connect the pump and motor to the system.
10. Flood the pump with water before starting. NEVER RUN THE PUMP DRY. This damages or even destroys the seal.

## SEAL INSTALLATION LUBRICANT

**Use the Right Seal Installation Lubricant so your seals don't end up looking like these.**



PTFE or Silicone Based Lubricants Damage Seals

### USE THE WRONG LUBE . . .

### GET THE WRONG RESULTS

Silicone or PTFE based lubricants are a poor choice when installing mechanical seals.

During seal installation, lubricants can come in contact with the sealing faces. Silicone or PTFE based products are very difficult to remove from these faces.

When the pump is started, these products draw the carbon from the primary ring, transfers the material onto the mating ring face, causing a build up which leads to premature seal failure.

### USE THE RIGHT LUBE . . .

### GET THE RIGHT RESULTS

U.S. SEALUBE is a water based formula specifically designed to lubricate rubber, allowing for fast and easy seal installations.

It provides a high degree of lubricity to all rubber components but unlike PTFE or silicone based lubricants, U.S. SEALUBE evaporates, allowing the elastomer to grip the shaft or bore. Elastomers are left dry to the touch. The lubricity is gone and will not return even in the presence of moisture.

Your seal is now locked in place.

### U.S. SEALUBE

- Safe for incidental food contact and potable water applications.
- Meets FDA Regulation 21 CFR 178.3570 and is NSF-Registered as a H1 lubricant.
- Great for all seals and elastomers.
- 15 to 20 minutes work time before drying.
- Totally evaporates, leaving no residue.



### U.S. SEALUBE

U.S. Seal Mfg. Part No.	Available In
LUBE-PP	1 cc Pillow Pak
LUBE-10ML	10 ml Tube
LUBE-05OZ	1/2 oz. Bottle
LUBE-4OZ	4 oz. Bottle
LUBE-8OZ	8 oz. Bottle

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>.250 (1/4")</b>								
X Special	.781	.367	1	.864	.140	QCFLF		PS-8066
X Special	.781	.398	1	.875	.140	QCFLF		PS-8100
<b>.312 (5/16")</b>								
A	1.062	.656	1	1.000	.312	BMDJF		PS-114
C	.812	.812	3	.875	.312	VCFJF		PS-1064V
W	.843	.687	2	.875	.312	TCFLF	316SS	PS-9720
<b>.375 (3/8")</b>								
B	1.125	.375	1	.875	.165	BMFJF		PS-671
B	1.125	.375	1	.875	.165	VCFJF		PS-671V-CMS
B	1.125	.375	1	1.000	.203	BMFJF		PS-1615
C	.812	.812	3	.875	.312	BCFJF		PS-1065
C	.812	.812	3	.875	.312	QCFJF		PS-1065-EPR
C	.812	.812	3	.875	.312	Q/NCFJF		PS-3082
C	.812	.812	3	.875	.312	VCFJF		PS-1065V
<b>.437 (7/16")</b>								
C	.875	.750	1	1.181	.285	BCFJF		PS-1133
G	.866	.769	1	1.181	.281	BCFJF		PS-4060
G	.866	.769	1	1.181	.281	VCFJF		PS-4063
G	.866	.769	1	1.181	.281	VCFLF		PS-2727
<b>.472 (12 MM)</b>								
G	22MM	15MM	1	23MM	6MM	BCFJF	316SS	PS-2807
G	22MM	15MM	1	23MM	6MM	QCFLF		PS-4000
G	22MM	15MM	1	26MM	5MM	BLFLF		PS-3000
G	22MM	34MM	1	23MM	6MM	QCFLF	316SS	PS-4225
<b>.500 (1/2")</b>								
A	1.062	.656	—	—	—	BMF-F		FA-1
A	1.062	.656	1	1.000	.290	BMFKF		PS-506
A	1.062	.656	1	1.000	.312	BCFJF		PS-3225
A	1.062	.656	1	1.000	.312	BMFJF		PS-162
B	1.125	.547	—	—	—	BMF-F		FA-10
B	1.125	.547	—	—	—	BMF-F		FA-4218
B	1.125	.547	1	.875	.165	BMFJF		PS-1098
B	1.125	.547	1	1.000	.218	BMFJF		PS-142
B	1.125	.547	1	1.000	.218	VCFJF		PS-142V
B	1.125	.547	1	1.000	.290	BMFKF		PS-788
B	1.125	.547	1	1.000	.312	BCFJF		PS-3048
B	1.125	.547	1	1.000	.312	BMFJF		PS-163
B	1.125	.547	1	1.000	.312	VCFJF		PS-163V
B	1.125	.547	8	—	.312	BLFLF		PS-4360
B	1.125	.547	9	—	.312	BMFKF	A	PS-164
B	1.125	.547	9	.906	.312	BMFJF	A	PS-165
B	1.131	.693	1 Special	.950	—	BCFJF	Unitized	PS-2726
C	.922	.605	Special	1.360	.300	BCFGF		PS-2138
C	.922	.750	1	1.000	.312	BCFKF		PS-3583
C	.937	.591	1	1.000	.312	QCFLF		PS-2730
C	.937	.594	1	1.000	.187	BCFJF		PS-4214
C	.937	.611	1	.938	.250	BCFJF		PS-3561
C	.937	.611	1	.938	.250	QCFLF		PS-3563
C	.937	.625	1	.938	.213	BCFJF		PS-3844
C	.937	.625	1	.938	.218	VCFJF		PS-3843
C	.937	.640	1	1.000	.218	BMFJF		PS-7740
C	.937	.718	—	—	—	BMF-F		FA-400
C	.937	.718	—	—	—	VCF-F		FA-110V
C	.937	.718	1	.938	.225	B/QCFJF	I	PS-392-P66
C	.937	.718	1	.938	.225	B/QMFJF		PS-392
C	.937	.718	1	.938	.225	BMFKF		PS-393
C	.937	.718	1	.938	.225	QCFJF	I	PS-392-EPR-P66
C	.937	.718	1	.938	.225	V/QCFJF		PS-392V
C	.937	.718	1	.938	.225	V/QCFJF	I	PS-392V-P66
C	.937	.718	1	1.000	.218	BMFJF		PS-1043
C	.937	.718	1	1.062	.312	BCFJF		PS-1120
C	.937	.750	1	1.125	.237	BMFJF		PS-7712
C	.937	.750	3	1.000	.312	BCFJF		PS-2720

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>.500 (1/2") (continued)</b>								
C	.937	.796	—	—	—	BMF-F		FA-1810
C	.937	.812	—	—	—	BCF-F		FA-112
C	.937	.812	—	—	—	BCF-F	N	FA-401
C	.937	.812	—	—	—	VCF-F		FA-10033
C	.937	.812	1	.938	.225	BCFJF	N	PS-401A
C	.937	.812	1	.938	.225	B/QCFJF		PS-1012
C	.937	.812	1	.938	.225	QCFJF	I	PS-3052
C	.937	.812	1	.938	.250	BCFKF		PS-984
C	.937	.812	1	1.000	.312	BCFJF		PS-1002
C	.937	.812	1	1.000	.312	BCFJF	H	PS-3913
C	.937	.812	1	1.000	.312	BCFJF	I	PS-1002-P66
C	.937	.812	1	1.000	.312	BCFJF	N	PS-631
C	.937	.812	1	1.000	.312	BCFKF		PS-106
C	.937	.812	1	1.000	.312	BCFKF	N	PS-632
C	.937	.812	1	1.000	.312	QCFJF		PS-1002-EPR
C	.937	.812	1	1.000	.312	QCFKF	N	PS-106-EPR
C	.937	.812	1	1.000	.312	VCFJF		PS-1002V
C	.937	.812	1	1.000	.312	VCFKF		PS-106V
C	.937	.812	3	1.000	.312	BCFKF		PS-3172
C	.937	.812	3	1.000	.312	B/VCFJF		PS-4045
C	.937	.812	3	1.000	.312	NCFKF	I	PS-2802
C	.937	.812	3	1.000	.312	VCFJF	316SS	PS-3197
C	.937	.812	3	1.000	.312	VCFKF		PS-3226
C	.937	.840	3	1.125	.265	BCFKF		PS-6321
C	.937	.840	3	1.125	.265	VCFKF		PS-3735
E	.937	1.140	Special	.992	.687	VCPKF		PS-3896
E	.937	1.140	Special	1.193	.656	BCPKF		PS-7948
E	.937	1.140	Special	1.193	.656	QCPKF		PS-4451
E	.937	1.140	Special	1.193	.656	VCPKF		PS-7948V
G	.945	.591	1	.938	.294	QLFLF		PS-4349
G	.945	.591	1	1.000	.312	QCFLF		PS-3004
G	.945	.591	1	1.000	.312	QLFLF	316SS	PS-3568
G	.945	.591	1	1.000	.312	VCFJF		PS-4558
G	.945	.656	3	1.000	.312	BCFJF		PS-3003
G	.945	.696	1	1.000	.312	BCFJF		PS-2700
G	.945	.812	1	1.000	.312	BCFJF		PS-4180
G	.945	.812	1	1.000	.312	VLFLF		PS-3450
G	.945	.812	3	1.000	.312	VCFJF		PS-3001
G	.945	.812	3	1.000	.312	VCFJF	316SS	PS-3002
Q	1.125	.390	1	.938	.225	BMFJF		PS-749
Q	1.125	.390	1	1.000	.312	BMFJF		PS-663
Q	1.125	.390	9	—	.171	BMFJF	A	PS-1621
Q	1.125	.390	9	—	.218	BMFJF	A	PS-4038
Q	1.125	.390	9	—	.312	BMFJF	A	PS-1112
Q	1.125	.408	8	—	.213	BCFJF		PS-2713
Q	1.125	.408	8	1.000	.218	BCFKF		PS-3033
Q	1.125	.408	8	1.000	.218	VCFKF		PS-2732
Q	1.125	.408	9	1.000	.218	BMFJF	A	PS-1149
Q	1.125	.418	1	1.000	.187	BMFJF		PS-1137
Q	1.139	.390	1	1.019	.208	BCFJF		PS-6313
Special	1.125	.710	Special	.950	Special	BMFJF	Unitized	PS-4064
W	1.031	.812	—	—	—	TCF-F	316SS	FA-9012
W Special	.937	1.109	Special	1.188	.656	TCPKF		PS-9028
X	1.031	.812	3	1.000	.312	VCFKF	316SS/S	PS-3800
X Special	.875	.527	1	1.000	.312	VCFLF		PS-4588
X Special	.875	.527	3	1.000	.312	BCFKF		PS-3729
X Special	.875	.527	3	1.000	.312	VCFGF		PS-7727
<b>.562 (9/16")</b>								
A	1.218	.718	1	1.250	.406	VCFJF		PS-1061
C	1.000	.808	3	1.031	.312	BCFKF		PS-4292
C	1.000	.808	3	1.031	.312	VCFKF		PS-3542
<b>.590 (15MM)</b>								
C	1.062	.875	1	1.250	.406	BCFJF		PS-7553
C	1.062	.875	1	1.250	.406	BCFJF	I	PS-3093

**NOTE:** A. MOUNTS ON SHAFT  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
N. NON-STANDARD SPRING HOLDER  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>.590 (15MM) (continued)</b>								
C	1.062	.875	1	1.250	.406	BCFKF	I	PS-7520
C	1.062	.875	1	1.250	.406	VCFJF		PS-3140
C	1.062	.875	1	1.250	.406	VCFKF	I	PS-7520V
D	1.312	.875	1	1.250	.406	BCFJF		PS-129
D	1.312	.875	1	1.250	.406	BCFKF		PS-1675
D	1.312	.875	1	1.250	.406	VCFKF	I	PS-3192
<b>.625 (5/8")</b>								
A	1.218	.718	—	—	—	BCF-F		FA-62
A	1.218	.718	—	—	—	BMF-F		FA-26
A	1.218	.718	1	—	.562	BCFJF	G	PS-2172
A	1.218	.718	1	1.187	.288	BCFJF		PS-680
A	1.218	.718	1	1.187	.288	BMFJF		PS-702
A	1.218	.718	1	1.187	.288	BMFKF		PS-701
A	1.218	.718	1	1.187	.288	QCFJF		PS-702-EPR
A	1.218	.718	1	1.187	.288	QCFKF		PS-701-EPR
A	1.218	.718	1	1.187	.288	VCFJF		PS-702V
A	1.218	.718	1	1.187	.288	VCFJF	I	PS-702V-CMS-P66
A	1.218	.718	1	1.187	.288	VCFKF		PS-701V
A	1.218	.718	1	1.187	.296	BCFJF		PS-4240
A	1.218	.718	1	1.187	.296	BCFKF		PS-518
A	1.218	.718	1	1.187	.296	BLFLF		PS-518-SC-SC
A	1.218	.718	1	1.187	.296	BMFJF		PS-4462
A	1.218	.718	1	1.187	.296	VCFLF		PS-4284
A	1.218	.718	1	1.187	.343	BCFJF		PS-957
A	1.218	.718	1	1.187	.343	BLFLF		PS-100-SC-SC
A	1.218	.718	1	1.187	.343	BMFJF		PS-100
A	1.218	.718	1	1.187	.343	BMFKF		PS-1150
A	1.218	.718	1	1.187	.343	QCFJF		PS-100-EPR
A	1.218	.718	1	1.187	.343	VCFJF		PS-100V-CMS
A	1.218	.718	1	1.187	.343	VCFJF	I	PS-100V-CMS-P66
A	1.218	.718	1	1.187	.343	VLFLF		PS-100V-SC-SC-CMS
A	1.218	.718	3	1.187	.343	BMFJF		PS-711
A	1.218	.718	3	1.187	.343	VCFJF		PS-100V
A	1.218	.718	1	1.250	.155	QCFJF		PS-4027
A	1.218	.718	1	1.250	.155	VCFJF		PS-4424
A	1.218	.718	1	1.250	.406	BCFJF		PS-516
A	1.218	.718	1	1.250	.406	BCFKF		PS-524
A	1.218	.718	1	1.250	.406	BLFLF		PS-200-SC-SC
A	1.218	.718	1	1.250	.406	BLFZF		PS-4355
A	1.218	.718	1	1.250	.406	BMFJF		PS-200
A	1.218	.718	1	1.250	.406	BMFJF		PS-300
A	1.218	.718	1	1.250	.406	BMFKF		PS-507
A	1.218	.718	1	1.250	.406	QCFJF		PS-200-EPR
A	1.218	.718	1	1.250	.406	QCFKF		PS-524-EPR
A	1.218	.718	1	1.250	.406	VCFJF		PS-200V-CMS
A	1.218	.718	1	1.250	.406	VCFJF	I	PS-200V-CMS-P66
A	1.218	.718	1	1.250	.406	VCFJF	316SS	PS-3228
A	1.218	.718	1	1.250	.406	VCFKF		PS-507V-CMS
A	1.218	.718	1	1.250	.406	VCFZF		PS-2204
A	1.218	.718	1	1.250	.406	VLFLF		PS-200V-SC-SC
A	1.218	.718	3	1.250	.406	BMFJF		PS-637
A	1.218	.718	3	1.250	.406	BMFKF		PS-628
A	1.218	.718	3	1.250	.406	VCFJF		PS-200V
A	1.218	.718	3	1.250	.406	VCFJF		PS-300V
A	1.218	.718	3	1.250	.406	VCFKF		PS-507V
A	1.218	.718	1	1.375	.562	BMFJF		PS-528
A	1.218	.718	1	1.375	.562	VCFJF		PS-528V
A	1.218	.718	14	.814	.312	BMFKF		PS-293
A	1.218	.718	14	.814	.312	QCFKF		PS-293-EPR
A	1.218	.718	14	.814	.312	VCFKF		PS-293V
A	1.218	.718	31	—	—	BMFJF	G	PS-2131
A	1.218	.718	31	—	—	VCFJF	G	PS-2131V
A	1.218	.734	1	1.187	.296	VLFLF		PS-3977
A	1.218	.811	1	1.187	.288	BCFKF		PS-955

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>.625 (5/8") (continued)</b>								
A	1.218	.811	1	1.187	.343	BCFJF		PS-953
A	1.218	.811	1	1.187	.343	BMFJF		PS-166
A	1.218	.811	1	1.250	.406	BMFJF		PS-501
A	1.218	.811	1	1.250	.406	BMFKF		PS-153
A	1.218	.811	1	1.250	.406	VCFJF		PS-501V-CMS
A	1.218	.811	1	1.250	.406	VCFJF		PS-3864
A	1.218	.811	1	1.250	.406	VCFJF	I	PS-4371
A	1.218	.811	1	1.250	.406	VCFKF		PS-153V-CMS
A	1.218	.811	1	1.250	.406	VCFKF	I	PS-3816
A	1.218	.811	1	1.250	.406	VFLFL		PS-1903
A	1.218	.811	3	1.250	.406	VCFJF		PS-501V
A	1.218	.811	3	1.250	.406	VCFKF		PS-153V
A	1.218	.843	1	1.250	.406	BCFJF		PS-952
A	1.218	.843	1	1.250	.406	BCFJF	I	PS-952-P66
A	1.218	.843	1	1.250	.406	BCFKF		PS-954
A	1.218	.843	1	1.250	.406	VCFKF		PS-954V-CMS
B	1.437	.603	1	1.250	.406	VCFJF		PS-3212
B	1.437	.603	1	1.250	.406	VFLFL		PS-3741
B	1.437	.607	1	1.250	.406	BCFJF	316SS	PS-2742
B	1.437	.609	1	1.250	.406	VCFJF		PS-2804
B	1.437	.615	—	—	—	BCF-F		FA-3300
B	1.437	.615	—	—	—	BMF-F		FA-642
B	1.437	.615	8	—	.215	BCFJF	A	PS-447
B	1.437	.615	8	—	.215	BCFJF	A	PS-3159
B	1.437	.615	8	—	.215	BCFKF	A	PS-453
B	1.437	.615	8	—	.215	BMFJF	A	PS-1021
B	1.437	.615	8	—	.215	VCFJF	A	PS-447V
B	1.437	.615	8	—	.215	VCFJF	A/I	PS-447V-P66
B	1.437	.615	8	—	.215	VCFKF	A	PS-453V
B	1.437	.615	8	—	.215	VFLFS		PS-4248V
B	1.437	.615	9	—	.237	BLFLF	A	PS-3667
B	1.437	.615	9	—	.312	BMFJF	A	PS-452
B	1.437	.615	9	—	.312	VCFJF	A	PS-452V
B	1.437	.615	11	—	.375	BCFJF	A	PS-3102
B	1.437	.615	11	—	.375	BMFJF	A	PS-202
B	1.437	.615	11	—	.375	VCFJF	A	PS-202V
B	1.437	.615	11	—	.375	VCFJF	A	PS-3103
B	1.437	.615	11	—	.487	BMFJF	A	PS-411
B	1.437	.615	11	—	.487	VCFJF	A	PS-411V
B	1.437	.615	9	1.062	.520	VCFKF	316SS	PS-3926
B	1.437	.615	1	1.087	.213	BCFJF		PS-3124
B	1.437	.615	1	1.093	.218	BMFJF		PS-113
B	1.437	.615	1	1.093	.218	V/BCFJF		PS-1089
B	1.437	.615	8	1.109	.213	Special	316SS	PS-2734
B	1.437	.615	8	1.109	.213	Special		PS-4587
B	1.437	.615	9	1.109	.213	QCFJF	A	PS-4479
B	1.437	.615	1	1.187	.180	BMFJF		PS-4557
B	1.437	.615	1	1.187	.288	BCFKF		PS-522
B	1.437	.615	1	1.187	.288	BMFJF		PS-700
B	1.437	.615	1	1.187	.288	BMFKF		PS-616
B	1.437	.615	1	1.187	.343	BCFJF		PS-963
B	1.437	.615	1	1.187	.343	BMFJF		PS-600
B	1.437	.615	1	1.187	.343	VCFJF		PS-600V-CMS
B	1.437	.615	1	1.187	.343	VCFJF	I	PS-600V-CMS-P66
B	1.437	.615	3	1.187	.343	BMFJF		PS-717
B	1.437	.615	3	1.187	.343	VCFJF		PS-600V
B	1.437	.615	11	—	.375	QLFLF	A	PS-2819
B	1.437	.615	11	—	.375	VFLFL	A	PS-3106
B	1.437	.615	1	1.250	.125	VFLFL		PS-7929
B	1.437	.615	1	1.250	.406	BCFJF		PS-961
B	1.437	.615	1	1.250	.406	BCFJF		PS-3047
B	1.437	.615	1	1.250	.406	BCFJF	I	PS-4560
B	1.437	.615	1	1.250	.406	BCFKF		PS-964
B	1.437	.615	1	1.250	.406	BMFJF		PS-1000
B	1.437	.615	1	1.250	.406	BMFKF		PS-1152

**NOTE:** A. MOUNTS ON SHAFT  
I. ABRASION RESISTANT CARBON (P66)

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>.625 (5/8") (continued)</b>								
B	1.437	.615	1	1.250	.406	QCFJF		PS-3202
B	1.437	.615	1	1.250	.406	VCFJF		PS-1000V-CMS
B	1.437	.615	1	1.250	.406	VCFJF		PS-3865R
B	1.437	.615	1	1.250	.406	VLFLF	316SS	PS-1905
B	1.437	.615	3	1.250	.406	BMFJF		PS-715
B	1.437	.615	3	1.250	.406	BMFKF		PS-712
B	1.437	.615	3	1.250	.406	VCFJF		PS-1000V
B	1.437	.615	1	1.375	.288	BMFJF		PS-151
B	1.437	.615	1	1.375	.406	BMFJF		PS-2161
B	1.437	.615	1	1.375	.406	BMFKF		PS-1005A
B	1.437	.615	8	—	.213	VCFFF		PS-4114
B	1.440	.425	Special	1.030	—	BMFSF		PS-4403
B	1.637	.753	8	1.109	.213	BMFJF		PS-3845
C	1.046	.808	1	1.187	.343	BCFJF	H/I	PS-2750
C	1.046	.859	—	—	—	VCF-F	316SS/H	FA-4031
C	1.046	.859	25	1.062	.312	VLFLF	H	PS-4310
C	1.046	.859	1	1.187	.296	QLFLF	316SS/H	PS-3707
C	1.046	.859	1	1.187	.296	VCFLF	316SS/H	PS-4031
C	1.046	.859	1	1.187	.296	VLFLF	316SS/H	PS-4226
C	1.046	.859/.734	1	1.187	.296	QCFLF	316SS/H	PS-3201
C	1.046	.859/.734	1	1.187	.296	QCFLF	316SS/H	PS-4222
C	1.062	.609	1	1.250	.406	BCFJF		PS-6234
C	1.062	.609	1	1.250	.406	BCFKF		PS-1625-CMS
C	1.062	.609	1	1.250	.406	VCFKF		PS-1626-CMS
C	1.062	.609	3	1.250	.406	BCFKF		PS-1625
C	1.062	.609	3	1.250	.406	VCFKF		PS-1626
C	1.062	.619	3	1.250	.406	NCFKF		PS-3133
C	1.062	.715	1	1.187	.343	VCFJF		PS-1091
C	1.062	.718	3	1.187	.281	VCFJF	316SS	PS-4346
C	1.062	.718	1	1.250	.406	BCFJF		PS-2160
C	1.062	.718	1	1.250	.406	BCFJF	I	PS-7524
C	1.062	.718	1	1.250	.406	VCFJF		PS-2160V-CMS
C	1.062	.718	1	1.250	.406	VCFJF	I	PS-7524V
C	1.062	.718	3	1.250	.406	VCFJF		PS-1045
C	1.062	.718	3 Special	1.500	.406	VCFGF		PS-4313
C	1.062	.750	—	—	—	QCF-F	I	FA-3525
C	1.062	.750	1	1.250	.406	BCFJF		PS-3906
C	1.062	.750	1	1.250	.406	VCFJF		PS-4603
C	1.062	.765	1	1.187	.288	N/BCFJF	B	PS-989
C	1.062	.765	1	1.187	.343	N/BCFJF	B	PS-1016
C	1.062	.765	1	1.250	.406	N/BCFJF	B	PS-810
C	1.062	.765	1	1.250	.406	VCFJF	B	PS-810V-CMS
C	1.062	.812	1	1.250	.406	BCFKF		PS-1156
C	1.062	.812	3	1.250	.406	QCCKF	S	PS-2206
C	1.062	.812	3	1.250	.406	VCFKF		PS-1156V
C	1.062	.812	3	1.250	.406	VCFZF	I	PS-4402
C	1.062	.875	—	—	—	BCF-F		FA-1350
C	1.062	.875	—	—	—	VCF-F		FA-10034
C	1.062	.875	3	1.062	.406	VCFKF		PS-7635
C	1.062	.875	1	1.187	.288	BCFJF		PS-1155
C	1.062	.875	1	1.187	.288	BCFKF		PS-493
C	1.062	.875	1	1.187	.288	VCFJF		PS-1155V
C	1.062	.875	1	1.187	.288	VCFKF		PS-493V
C	1.062	.875	1	1.187	.288	VCFZF		PS-1155V-TC-SEAT
C	1.062	.875	1	1.187	.296	QCFJF		PS-2214
C	1.062	.875	1	1.187	.343	BCFJF		PS-118
C	1.062	.875	1	1.187	.343	BCFKF		PS-1154
C	1.062	.875	1	1.187	.343	BCFLF		PS-3747
C	1.062	.875	1	1.187	.343	VCFJF		PS-118V-CMS
C	1.062	.875	1	1.187	.343	VCFJF	I	PS-118V-CMS-P66
C	1.062	.875	3	1.187	.343	BCFJF		PS-536
C	1.062	.875	3	1.187	.343	VCFJF		PS-118V
C	1.062	.875	3	1.250	.250	QCFJF		PS-4320
C	1.062	.875	3	1.250	.250	QCCKF		PS-3319
C	1.062	.875	3	1.250	.312	VCFKF		PS-4442

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING



# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>.625 (5/8") (continued)</b>								
C	1.062	.875	3	1.250	.375	QCFKF	I	PS-3525
C	1.062	.875	1	1.250	.406	BCFJF		PS-359
C	1.062	.875	1	1.250	.406	BCFJF	316SS	PS-4272
C	1.062	.875	1	1.250	.406	BCFJF	I	PS-359-P66
C	1.062	.875	1	1.250	.406	BCFJF	N	PS-290
C	1.062	.875	1	1.250	.406	BCFJF	I/N	PS-290-P66
C	1.062	.875	1	1.250	.406	BCFKF		PS-633
C	1.062	.875	1	1.250	.406	BLFLF		PS-552-SC-SC
C	1.062	.875	1	1.250	.406	BLFLF		PS-4495
C	1.062	.875	1	1.250	.406	BZFZF		PS-633-TC-TC
C	1.062	.875	1	1.250	.406	NCFJF		PS-1079
C	1.062	.875	1	1.250	.406	NCFKF		PS-1080
C	1.062	.875	1	1.250	.406	QCFJF		PS-359-EPR-CMS
C	1.062	.875	1	1.250	.406	QCFJF	I	PS-359-EPR-P66
C	1.062	.875	1	1.250	.406	QCFJF	N	PS-290-EPR
C	1.062	.875	1	1.250	.406	QCFKF		PS-633-EPR-CMS
C	1.062	.875	1	1.250	.406	QCFZF	I	PS-359-EPR-P66-TC
C	1.062	.875	1	1.250	.406	QLFLF		PS-3265
C	1.062	.875	1	1.250	.406	QLFLF	N	PS-290-EPR-SC-SC
C	1.062	.875	1	1.250	.406	VCFJF		PS-359V-CMS
C	1.062	.875	1	1.250	.406	VCFJF	316SS	PS-4272V
C	1.062	.875	1	1.250	.406	VCFJF	I	PS-359V-CMS-P66
C	1.062	.875	1	1.250	.406	VCFJF	N	PS-290V
C	1.062	.875	1	1.250	.406	VCFJF	I/N	PS-290V-P66
C	1.062	.875	1	1.250	.406	VCFKF		PS-633V-CMS
C	1.062	.875	1	1.250	.406	VCFLF		PS-359V-SC-CMS
C	1.062	.875	1	1.250	.406	VLFLF		PS-7547
C	1.062	.875	1	1.250	.406	VLFLF	316SS	PS-3092
C	1.062	.875	1	1.250	.406	VRFJF		PS-7524V-P90
C	1.062	.875	1	1.250	.406	VRFRF		PS-3550
C	1.062	.875	1	1.250	.406	VZFLF		PS-633V-TC-SC
C	1.062	.875	1	1.250	.406	VZFZF		PS-6216
C	1.062	.875	3	1.250	.406	BCFJF		PS-3914
C	1.062	.875	3	1.250	.406	BCFKF		PS-732
C	1.062	.875	3	1.250	.406	B/VCFJF		PS-552
C	1.062	.875	3	1.250	.406	QCFJF		PS-552-EPR
C	1.062	.875	3	1.250	.406	QCFJF	I	PS-552-EPR-P66
C	1.062	.875	3	1.250	.406	QCFKF		PS-732-EPR
C	1.062	.875	3	1.250	.406	QCFKF	I	PS-3147
C	1.062	.875	3	1.250	.406	QCFLF	I	PS-4358
C	1.062	.875	3	1.250	.406	Special	I	PS-2743
C	1.062	.875	3	1.250	.406	VCFJF		PS-359V
C	1.062	.875	3	1.250	.406	VCFJF	I	PS-359V-P66
C	1.062	.875	3	1.250	.406	VCFKF		PS-633V
C	1.062	.875	3	1.250	.406	VCFKF	I	PS-633V-P66
C	1.062	.875	3	1.250	.406	VCFZF		PS-633V-TC-SEAT
C	1.062	.875	1	1.375	.406	BCFJF		PS-3791
C	1.062	.875	3	1.375	.406	VCFKF		PS-951
C	1.062	.875	3	1.437	.312	QCFJF	I	PS-3723
C	1.062	.875	3	1.437	.312	QCFKF	I	PS-3981
C	1.062	.875	3	1.437	.312	VCFKF	I	PS-7872
C	1.062	.968/1.093	1	1.250	.406	BCFJF		PS-1119
C	1.062	.968/1.093	1	1.250	.406	VCFJF		PS-1119V
C	1.062	1.187	1	1.156	.312	BMFJF	H	PS-800
C	1.062	1.187	1	1.156	.312	V/BMFJF	H	PS-800V
C	1.093	.718	1	1.250	.406	QCFKF	I	PS-7689
C	1.093	.718	1	1.250	.406	QCFKF	I/N	PS-4356
C	1.093	.718	1	1.250	.406	VCFKF	I	PS-3121
C	1.187	.875	1	1.375	.406	VCFJF	316SS	PS-626
C	1.187	.875	1	1.375	.406	VCFJF	316SS	PS-4458
C	1.312	.937	1	1.250	.406	BCFJF	B	PS-1618
C	1.312	.937	1	1.250	.406	BCFJF	B	PS-1085
C	1.312	.937	1	1.250	.406	B/VCFJF	B	PS-1085V
C	1.312	.937	3	1.250	.406	BCFKF	B	PS-2149
D	1.312	.875	—	—	—	BCD-F		FA-135

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
N. NON-STANDARD SPRING HOLDER

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>.625 (5/8") (continued)</b>								
D	1.312	.875	1	1.187	.288	BCDJF		PS-531
D	1.312	.875	1	1.187	.288	BCDKF		PS-226
D	1.312	.875	1	1.187	.343	BCDKF		PS-263
D	1.312	.875	1	1.187	.343	BCFJF		PS-2004
D	1.312	.875	1	1.187	.343	VCFKF		PS-263V
D	1.312	.875	3	1.187	.343	BCDJF		PS-737
D	1.312	.875	1	1.250	.406	BCDJF		PS-508
D	1.312	.875	1	1.250	.406	BCDKF		PS-102
D	1.312	.875	1	1.250	.406	BCFJF		PS-2000
D	1.312	.875	1	1.250	.406	QCDJF		PS-508-EPR
D	1.312	.875	1	1.250	.406	VCDJF		PS-508V-CMS
D	1.312	.875	1	1.250	.406	VCDJF	I	PS-508V-P66-CMS
D	1.312	.875	1	1.250	.406	VCFJF		PS-2000V-CMS
D	1.312	.875	3	1.250	.406	BCDJF		PS-735
D	1.312	.875	3	1.250	.406	BCDKF		PS-734
D	1.375	.875	3	1.250	.406	BCDLF		PS-3677
D	1.312	.875	3	1.250	.406	NCFLF		PS-3132
D	1.312	.875	3	1.250	.406	QCDFL	I	PS-735-EPR-P66-SCO
D	1.312	.875	3	1.250	.406	VCDJF		PS-508V
D	1.375	.875	3	1.250	.406	VCFZF		PS-4375
D	1.375	.875	3	1.250	.406	VCFZF	316SS	PS-2701
E	1.093	1.312	1	1.187	.343	BCFJF		PS-2020
E	1.093	1.312	1	1.187	.288	BCFKF		PS-2660
E	1.093	1.312	3	1.187	.343	BCFJF		PS-2022
E	1.093	1.312	2	1.250	.343	BCDKF		PS-1158
E	1.093	1.312	1	1.250	.406	BCFJF		PS-2016
E	1.093	1.312	1	1.250	.406	BCFKF		PS-2017
E	1.093	1.312	3	1.250	.406	BCFJF		PS-3148
G	1.024	.718	1	—	—	VLFLF	316SS/G	PS-1906
G	1.024	.718	1	1.187	.296	QLFLF	316SS	PS-6267
G	1.024	.718	1	1.187	.296	VLFLF	316SS	PS-1912
G	1.024	.718	1	1.187	.343	BCFJF		PS-4267
G	1.024	.718	1	1.187	.343	VCFJF		PS-3866
G	1.024	.718	1	1.187	.343	VLFLF	316SS	PS-1900
G	1.024	.718	1	1.250	.406	BCFJF		PS-3960
G	1.024	.718	1	1.250	.406	BCFJF	316SS	PS-3006
G	1.024	.718	1	1.250	.406	BLFLF		PS-3910
G	1.024	.718	1	1.250	.406	QCFJF	316SS	PS-3586
G	1.024	.718	1	1.250	.406	QLFLF		PS-2715
G	1.024	.718	1	1.250	.406	VCFJF		PS-3867
G	1.024	.718	1	1.250	.406	VCFJF	316SS	PS-3200
G	1.024	.718	1	1.250	.406	VLFLF		PS-4155
G	1.024	.718	1	1.250	.406	VLFLF	316SS	PS-4390
G	1.024	.718	1	1.250	.406	VLFLF	316SS	PS-1901
G	1.024	.718	3	1.250	.406	VCFLF		PS-4059
G	1.024	.718	25	1.250	.406	VLFLF	316SS	PS-3005
G	1.024	.718	1	1.381	.406	BCFJF		PS-3890
G	1.024	.718	1	1.381	.406	QCFJF		PS-4577
G	1.024	.718	1	1.381	.406	QLFLF	316SS	PS-2808
G	1.024	.718	1	1.381	.406	VCFJF		PS-4280
G	1.024	.718	31	Special	—	BCFJF	G	PS-4275
G	1.024	.718	31	Special	.406	VCFJF	G	PS-3869
G	1.024	.758	1	1.250	.406	BLFLF	316SS	PS-3199
G	1.024	.718	1	1.381	.406	VLFLF	316SS	PS-1907
G	1.024	.875	1	1.250	.406	BCFJF		PS-3204
G	1.024	.875	1	1.250	.406	VCFJF		PS-4220
G	Special	.718	1	1.375/1.381	.406	VCFJF		PS-4231
K	1.047	1.030	1	1.250	.175	VCFJF	Wave Spring	PS-3885
Q	1.312	.625	8	1.062	.218	VCFJF		PS-4237
S	1.312	1.395	8	1.187	.125	NAPSP		PS-795
Special	1.251	.718	1	1.250	.406	QC-J		PS-5625
Special	1.440	.760	Special	1.110	Special	BMFJF	Unitized	PS-4065
W	1.187	.750	2	1.250	.406	TLFLF	316SS	PS-9155
W	1.187	.750	2	1.250	.531	TCFKF		PS-9321
W	1.187	.750	27	1.437	.593	HLFLF	316SS	PS-9722

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>.625 (5/8") (continued)</b>								
W Dbl.	1.187	1.500	3	1.250	.406	TCFJF	316SS	PS-9714
WA	1.437	.727	3 Special	1.312	.375	T/YCFKF		PS-9354
WA	1.441	.622	Special	1.203	.484	TCFJF	316SS	PS-7250
W Special	1.437	.622	2	1.250	.390	TCFJF	316SS	PS-3962
WT	1.082	.937	Special	1.490	.625	TCFOF	316SS	PS-9322
X	1.188	.750	1	1.250	.406	VCFJF	316SS	PS-8137
<b>.687 (11/16")</b>								
Q	1.593	.468	9	1.250	.156	Special	A	PS-6308
<b>.750 (3/4")</b>								
A	1.343	.700	1	1.375	.406	BMFJF		PS-4489
A	1.343	.718	—	—	—	BCF-F		FA-64
A	1.343	.718	—	—	—	BMF-F		FA-201
A	1.343	.718	1	1.375	.281	BCFJF		PS-764
A	1.343	.718	1	1.375	.281	BMFJF		PS-301
A	1.343	.718	1	1.375	.406	BCFJF		PS-851
A	1.343	.718	1	1.375	.406	BCFJF		PS-3061
A	1.343	.718	1	1.375	.406	BCFKF		PS-973
A	1.343	.718	1	1.375	.406	BMFJF		PS-201
A	1.343	.718	1	1.375	.406	BMFKF		PS-921
A	1.343	.718	1	1.375	.406	QCFJF		PS-851-EPR
A	1.343	.718	1	1.375	.406	VCFJF		PS-201V-CMS
A	1.343	.718	1	1.375	.406	VLFLF		PS-1908
A	1.343	.718	3	1.375	.406	BMFJF		PS-760
A	1.343	.718	3	1.375	.406	BMFKF		PS-762
A	1.343	.718	3	1.375	.406	VCFJF		PS-201V
A	1.343	.718	3 Special	1.375	.406	Special		PS-2744
A	1.343	.718	1	1.375/1.750	.406	BCFJF		PS-2136
A	1.343	.718	1	1.437	.406	BCFJF		PS-968
A	1.343	.718	1	1.437	.406	BMFJF		PS-101
A	1.343	.718	1	1.437	.406	VCFJF		PS-101V
A	1.343	.718	1	1.500	.250	BMFJF		PS-1525
B	1.575	.615	—	—	—	BMF-F		FA-647
B	1.575	.615	9	—	.312	BMFJF	A	PS-1622
B	1.575	.615	9	—	.312	BMFKF	A	PS-902
B	1.575	.615	9	—	.312	VMFJF	A	PS-1622V
B	1.575	.615	9	—	.375	BMFKF	A	PS-441
B	1.575	.615	11	—	.437	BMFJF	A	PS-440
B	1.575	.615	8	1.187	.218	BCFJF	316SS	PS-2745
B	1.575	.615	9	1.312	.312	BLFLF		PS-4048
B	1.575	.615	Special	1.312	.312	B/NMDGF		PS-7964
B	1.575	.615	1	1.375	.406	BCFJF	316SS	PS-3985
B	1.575	.615	1	1.375	.406	BMFJF		PS-601
B	1.575	.615	1	1.375	.406	BMFKF		PS-606
B	1.575	.615	1	1.375	.406	QCFJF		PS-4056
B	1.575	.615	1	1.375	.406	VCFJF		PS-3986
B	1.575	.615	1	1.375	.406	VCFJF		PS-601V-CMS
B	1.575	.615	1	1.375	.406	VCFJF		PS-3882
B	1.575	.615	1	1.375	.406	VCFJF	316SS	PS-4106
B	1.575	.615	1	1.375	.406	VLFLF	316SS	PS-1904
B	1.575	.615	3	1.375	.406	BMDKF		PS-766
B	1.575	.615	3	1.375	.406	BMFJF		PS-765
B	1.575	.615	3	1.375	.406	VCFJF		PS-601V
B	1.575	.615	3	1.375	.406	VCFJF		PS-4520
B	1.575	.615	3	1.375	.406	VCFJF	316SS	PS-2735
B	1.575	.615	3	1.375	.406	VLFLF	316SS	PS-3104
B	1.575	.615	11	1.375	.406	BMFJF		PS-7618
B	1.581	.610	—	—	—	QCF-F	316SS	FA-2751
B	1.718	.600	8	1.250	.352	BMFJF		PS-2718
C	1.171	.875	1	1.375	.406	BCFJF	H/I	PS-2800
C	1.171	.875	1	1.375	.406	BZFZE	H	PS-3313
C	1.171	.875	1	1.375	.406	QCFZF	H/I	PS-4531
C	1.171	.875	1	1.375	.406	VCFJF	I	PS-7843
C	1.171	.875	1	1.375	.406	VLFLF	H	PS-3156
C	1.171	.920	1	1.375	.406	VCFJF	B	PS-2746
C	1.187	.656	2	1.562	.312	VCFKF	I	PS-5108

**NOTE:** A. MOUNTS ON SHAFT  
 B. TAPERED SPRING  
 H. SPRING HOLDER NOT INCLUDED  
 I. ABRASION RESISTANT CARBON (P66)

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>.750 (3/4") (continued)</b>								
C	1.187	.718	1	1.375	.281	BCFJF		PS-944
C	1.187	.718	1	1.375	.281	QCFJF		PS-944-EPR
C	1.187	.718	1	1.375	.281	VCFJF		PS-944V
C	1.187	.718	1	1.375	.406	BCFJF		PS-877
C	1.187	.718	1	1.375	.406	BCFJF		PS-1125
C	1.187	.718	1	1.375	.406	BCFJF	I	PS-1125-P66
C	1.187	.718	1	1.375	.406	BCFJF	H	PS-2747
C	1.187	.718	1	1.375	.406	BCFKF		PS-1113
C	1.187	.718	1	1.375	.406	BCFKF		PS-3654
C	1.187	.718	1	1.375	.406	BCFKF		PS-1160
C	1.187	.718	1	1.375	.406	BLFLF		PS-1125-SC-SC
C	1.187	.718	1	1.375	.406	QCFJF		PS-1125-EPR
C	1.187	.718	1	1.375	.406	QCFLF		PS-3894
C	1.187	.718	1	1.375	.406	QLFLF		PS-3194
C	1.187	.718	1	1.375	.406	VCFJF		PS-877V
C	1.187	.718	1	1.375	.406	VCFJF		PS-1093
C	1.187	.718	1	1.375	.406	VCFKF		PS-1092
C	1.187	.718	1	1.375	.406	VZFZF		PS-1092-TC-TC
C	1.187	.718	3	1.375	.406	BCFJF		PS-2236
C	1.187	.718	3	1.375	.406	QCFJF		PS-4229
C	1.187	.718	3	1.375	.406	BCFKF		PS-4283
C	1.187	.718	3	1.375	.406	QLFLF		PS-3068
C	1.187	.718	3	1.375	.406	VCFJF		PS-2235
C	1.187	.718	3	1.375	.406	VCFKF		PS-4285
C	1.187	.718	3	1.375	.406	VLFLF		PS-3074
C	1.187	.718	3	1.375	.406	VLZF		PS-2235-SC-TC
C	1.187	.718	1	1.437	.406	BCFJF	N	PS-7514
C	1.187	.843	1	1.375	.406	BCFJF		PS-3149
C	1.187	.843	1	1.375	.406	BCFJF	B	PS-128
C	1.187	.843	3	1.375	.406	VCFJF	B	PS-128V
C	1.187	.857	3	1.187	.406	BCFJF	H	PS-4323
C	1.187	.875	—	—	—	BCF-F		FA-1520
C	1.187	.875	1	1.275	.281	BCFJF		PS-3840
C	1.187	.875	5	1.275	.302	Special		PS-3559
C	1.187	.875	1	1.375	.281	BCFJF		PS-1510
C	1.187	.875	1	1.375	.281	VCFJF		PS-1510V
C	1.187	.875	1	1.375	.312	QCFJF		PS-3415
C	1.187	.875	1	1.375	.406	BCFJF		PS-358
C	1.187	.875	1	1.375	.406	BCFJF	I	PS-358-P66
C	1.187	.875	1	1.375	.406	BCFKF		PS-112
C	1.187	.875	1	1.375	.406	BCFKF	I	PS-4330
C	1.187	.875	1	1.375	.406	BLFLF		PS-3110
C	1.187	.875	1	1.375	.406	QCFJF		PS-358-EPR
C	1.187	.875	1	1.375	.406	QCFKF		PS-112-EPR
C	1.187	.875	1	1.375	.406	QLFLF		PS-358-EPR-SC-SC
C	1.187	.875	1	1.375	.406	QZFLF		PS-3162
C	1.187	.875	1	1.375	.406	VCFJF		PS-358V-CMS
C	1.187	.875	1	1.375	.406	VCFJF		PS-3208
C	1.187	.875	1	1.375	.406	VCFJF	316SS	PS-3191
C	1.187	.875	1	1.375	.406	VCFJF	I	PS-358V-CMS-P66
C	1.187	.875	1	1.375	.406	VCFKF		PS-112V-CMS
C	1.187	.875	1	1.375	.406	VCFKF	I	PS-2229V-P66
C	1.187	.875	1	1.375	.406	VCFZF		PS-358V-TC-CMS
C	1.187	.875	1	1.375	.406	VLFLF		PS-358V-SC-SC
C	1.187	.875	1	1.375	.406	VLFLF	316SS	PS-7305
C	1.187	.875	1	1.375	.406	VZFZF		PS-358V-TC-TC
C	1.187	.875	3	1.375	.406	BCFJF		PS-3916
C	1.187	.875	3	1.375	.406	BCFKF		PS-768
C	1.187	.875	3	1.375	.406	B/VCFJF		PS-767
C	1.187	.875	3	1.375	.406	NCFKF		PS-4121
C	1.187	.875	3	1.375	.406	QCFJF		PS-767-EPR
C	1.187	.875	3	1.375	.406	VCFJF		PS-358V
C	1.187	.875	3	1.375	.406	VCFJF	I	PS-358V-P66
C	1.187	.875	3	1.375	.406	VCFJF	316SS	PS-4465
C	1.187	.875	3	1.375	.406	VCFKF		PS-112V

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
N. NON-STANDARD SPRING HOLDER

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>.750 (3/4") (continued)</b>								
C	1.187	.875	3	1.375	.406	VFLF		PS-5728
C	1.187	.875	1	1.437	.406	BCFJF		PS-7277
C	1.187	.875	1	1.500	.250	BCFJF		PS-683
C	1.187	.920	1	1.375	.406	BCFJF		PS-1754
C	1.187	1.187	1	1.375	.406	BLFLF		PS-3922
C	1.187	1.312	—	—	—	BCF-F		FA-564
C	1.187	1.312	1	1.375	.406	BCFJF		PS-275
C	1.187	1.312	1	1.375	.406	BCFKF		PS-373
C	1.187	1.312	1	1.375	.406	QCFJF		PS-275-EPR
C	1.187	1.312	1	1.375	.406	VCFKF		PS-373V
C	1.187	1.312	3	1.375	.406	BCFJF		PS-771
C	1.187	1.312	3	1.375	.406	BCFKF		PS-773
C	1.187	1.312	3	1.375	.406	VCFJF		PS-275V
D	1.437	.845	3	1.375	.406	BCDLF		PS-6006
D	1.437	.875	—	—	—	BCD-F		FA-152
D	1.437	.875	1	1.275	.281	BCDJF		PS-437
D	1.437	.875	1	1.275	.281	BCDJF	I	PS-437-P66
D	1.437	.875	1	1.275	.281	QCDJF		PS-4098
D	1.437	.875	1	1.275	.281	VCDJF		PS-437V
D	1.437	.875	1	1.275	.281	VCDJF	I	PS-437V-P66
D	1.437	.875	1	1.275	.281	VLDLF		PS-437V-SC-SC
D	1.437	.875	1	1.375	.281	BCDJF		PS-1162
D	1.437	.875	1	1.375	.406	BCDJF		PS-750
D	1.437	.875	1	1.375	.406	BCDKF		PS-752
D	1.437	.875	1	1.375	.406	BCFJF		PS-2008
D	1.437	.875	1	1.375	.406	BCFKF		PS-2009
D	1.437	.875	1	1.375	.406	QCDJF		PS-750-EPR
D	1.437	.875	1	1.375	.406	VCDJF		PS-750V-CMS
D	1.437	.875	1	1.375	.406	VCDJF	I	PS-750V-CMS-P66
D	1.437	.875	1	1.375	.406	VCDKF		PS-752V-CMS
D	1.437	.875	3	1.375	.406	BCDKF		PS-265
D	1.437	.875	3	1.375	.406	BCFJF		PS-2010
D	1.437	.875	3	1.375	.406	VCDJF		PS-750V
D	1.437	.875	3	1.375	.406	VCDKF		PS-752V
D	1.437	.875	3	1.375	.406	VFLF		PS-3855
D	1.437	.875	1	1.437	.406	BCDJF		PS-1161
D	1.437	1.000	1	1.437	.406	BCDKF		PS-1026
D	1.500	.687	3	1.375	.250	BCPKF		PS-7087
D	1.500	.687	3	1.375	.250	NCPKF		PS-7613
D	1.500	.687	3	1.375	.250	VCPKF		PS-7613V
D	1.500	.875	3	1.375	.406	VCFJF	316SS	PS-3299
E	1.218	1.250	3	1.187	.406	VCFKF		PS-7994
E	1.218	1.250	1	1.375	.406	BCFJF		PS-4518
E	1.218	1.250	1	1.375	.406	QCFKF		PS-4484
E	1.218	1.250	3	1.375	.406	BCFKF		PS-2015
E	1.218	1.250	3	1.375	.406	V/BCFJF		PS-2014
E	1.218	1.375	3	1.187	.406	QCFKF		PS-4093
E	1.218	1.375	3	1.187	.406	VCPKP		PS-7960
G	1.024	.718	1	1.375	.406	BLFLF		PS-3740
G	1.035	.718	1	1.375	.406	BCFJF		PS-4265
G	1.035	.718	3	1.375	.406	BCFJF		PS-2820
G	1.260	.718	1	1.375	.406	QCFJF		PS-2733
G	1.260	.718	1	1.375	.406	VCFJF		PS-3868
G	1.260	.718	1	1.375	.406	VFLF		PS-3056
G	1.260	.718	1	1.375	.406	VFLF	316SS	PS-1902
G	1.260	.718	1	1.375/1.750	.406	VCFJF		PS-3870
G	1.260	.718	3	1.375	.406	VCFJF		PS-3107
G	1.260	.718	25	1.375	.406	VFLF		PS-3105
G	1.260	.718	32	1.375/1.750	—	BCFJF	G	PS-4274
G	1.260	.812	1	1.375	.406	BCFJF		PS-4020
G	1.260	.875	1	1.275	.281	QLFLF		PS-4024
G	1.260	.875	1	1.375	.406	BLFLF		PS-3937
G	1.260	.875	3	1.375	.406	VCFJF		PS-3788
K	1.187	1.187	1	1.375	.406	BCFJF		PS-1604
K	1.187	1.187	1	1.375/1.500	.281/.250	BCFJF		PS-175

**NOTE:** G. MOUNTS IN PLASTIC  
I. ABRASION RESISTANT CARBON (P66)

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>.750 (3/4") (continued)</b>								
K	1.187	1.187	3	1.375	.406	VCFJF		PS-3214
S	1.625	1.953	8	1.500	.250	NAPSP		PS-792
Special	1.575	.437	Special	1.334	Special	BLFLF	Unitized	PS-4066
T	1.158	1.438	3	1.375	.406	VLFLF		PS-4144
W	1.312	.875	2	1.375	.375	TCFKF	316SS	PS-3935
W	1.312	.875	2	1.375	.375	TCFKF	316SS	PS-9324
W	1.312	.875	2	1.375	.406	TCFJF	316SS	PS-9339
W Special	1.500	.875	2	1.375	.312	TCFOF	316SS	PS-9325
W Special	1.500	.875	2	1.375	.343	TCFKF	316SS	PS-9323
W Special	1.576	.687	2	1.375	.406	TCFJF	316SS	PS-9711
X	1.312	.875	3	1.375	.406	BLFLF	316SS	PS-8064
X	1.312	.875	5	1.383	.406	QCFZF	316SS	PS-8036
X	1.312	.875	5	1.625	.406	T/QCFZF	316SS/I	PS-8123
XB2	1.500	1.000	3	1.375	.406	VCFJF		PS-8714
X Special	1.312	.875	5	1.375	.406	QCFZF	316SS	PS-8101
<b>.787 (20MM)</b>								
B	40MM	16.05MM	1 Special	33.88MM	9.45MM	BLFLF	Unitized	PS-2723
B	40MM	16.12MM	8	32.82MM	8.31MM	BLFLF		PS-2801
G	34MM	31.50MM	1	35.00MM	6.00MM	VCFJF	316SS	PS-4273
C	1.375	.781	1	1.500	.406	BCFJF		PS-4042
D	1.562	.937	1	1.500	.406	BCDJF		PS-135
D	1.562	.937	1	1.500	.406	BCDKF	H/I	PS-614
D	1.562	.937	1	1.500	.406	BCFKF	I	PS-3135
D	1.562	.937	3	1.500	.406	VCDKF	H	PS-614V
<b>.875 (7/8")</b>								
C	1.312	.718	3	1.437	.265	QCFLF	I	PS-3678
C	1.312	.718	3	1.437	.265	VCFKF	I	PS-4017
C	1.312	.718	1	1.500	.218	BCFJF		PS-7496
C	1.312	.718	1	1.500	.406	BCFKF		PS-3944
C	1.312	.812	1	1.437	.265	BCFJF		PS-2167
C	1.312	.812	1	1.437	.265	QCFJF	I	PS-2167-EPR-P66
C	1.312	.812	1	1.437	.265	QCFJF	I	PS-3826
C	1.312	.812	1	1.437	.265	VCFJF		PS-2167V
C	1.312	.812	3	1.437	.265	BCFKF		PS-2169
C	1.312	.812	3	1.437	.265	QCFKF	I	PS-2224
C	1.312	.812	3	1.437	.265	VCFKF		PS-2169V
C	1.312	.812	1	1.500	.218	BCFJF		PS-3749
C	1.312	.812	1	1.500	.218	BLFLF		PS-3749-SC-SC
C	1.312	.812	1	1.500	.406	BCFJF		PS-7130
C	1.312	.843	1	1.500	.406	BCFZF		PS-3970
C	1.312	.875	1	1.500	.406	BCFJF		PS-3907
C	1.312	.875	1	1.500	.406	BLFLF		PS-3911
C	1.312	.875	3 Special	1.500	.468	VCFGF		PS-3893
C	1.312	.919	1	1.500	.406	VCFLF	316SS	PS-3996
C	1.312	.937	—	—	—	BCF-F		FA-1600
C	1.312	.937	—	—	—	VCF-F		FA-208V
C	1.312	.937	—	—	—	VCF-F	I	FA-10036
C	1.312	.937	1	1.437	.265	BCFJF		PS-2166
C	1.312	.937	1	1.437	.265	QCFJF		PS-2166-EPR
C	1.312	.937	1	1.437	.265	VCFJF		PS-2166V
C	1.312	.937	3	1.437	.265	BCFKF		PS-2168
C	1.312	.937	3	1.437	.265	QCFKF		PS-2168-EPR
C	1.312	.937	3	1.437	.265	VCFKF		PS-2168V
C	1.312	.937	1	1.500	.406	BCELE		PS-4395
C	1.312	.937	1	1.500	.406	BCFJF		PS-309
C	1.312	.937	1	1.500	.406	BCFJF	I	PS-309-P66
C	1.312	.937	1	1.500	.406	BCFKF		PS-687
C	1.312	.937	1	1.500	.406	BLFLF		PS-309-SC-SC-CMS
C	1.312	.937	1	1.500	.406	BZFZF		PS-309-TC-TC-CMS
C	1.312	.937	1	1.500	.406	QCFJF		PS-309-EPR
C	1.312	.937	1	1.500	.406	VCFJF		PS-309V-CMS
C	1.312	.937	1	1.500	.406	VCFJF	I	PS-309V-P66-CMS
C	1.312	.937	1	1.500	.406	VCFKF		PS-687V-CMS
C	1.312	.937	1	1.500	.406	VCFZF		PS-309V-TC-CMS

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>.875 (7/8") (continued)</b>								
C	1.312	.937	1	1.500	.406	VFLF		PS-3941
C	1.312	.937	3	1.500	.406	BCFV/JF		PS-774
C	1.312	.937	3	1.500	.406	BCFKF		PS-617
C	1.312	.937	3	1.500	.406	BLFLF		PS-3176
C	1.312	.937	3	1.500	.406	VCFJF		PS-309V
C	1.312	.937	3	1.500	.406	VCFJF	I	PS-309V-P66
C	1.312	.937	3	1.500	.406	VCFJF	316SS	PS-2702
C	1.312	.937	3	1.500	.406	VCFKF		PS-687V
C	1.312	.937	3	1.500	.406	VCFZF		PS-4513
C	1.312	.937	3	1.500	.406	VFLF		PS-309V-SC-SC
C	1.312	.937	1	1.562	.406	BCFJF		PS-1163
C	1.312	.937	1	1.562	.406	BCFKF		PS-294
C	1.406	.937	3	1.500	.406	VCFJF	N	PS-3733
D	1.562	.937	—	—	—	BCD-F		FA-160
D	1.562	.937	1	1.437	.265	BCDJF		PS-790
D	1.562	.937	1	1.437	.265	VCDJF		PS-790V
D	1.562	.937	3	1.437	.265	BCDKF		PS-1681
D	1.562	.937	3	1.437	.265	VCDKF		PS-1681V
D	1.562	.937	1	1.500	.406	BCDJF		PS-703
D	1.562	.937	1	1.500	.406	BCDJF	I	PS-703-P66
D	1.562	.937	1	1.500	.406	BCDKF		PS-303
D	1.562	.937	1	1.500	.406	BCDKF	I	PS-303-P66
D	1.562	.937	1	1.500	.406	BCFJF		PS-2024
D	1.562	.937	1	1.500	.406	NCFLF		PS-4318
D	1.562	.937	1	1.500	.406	VCDJF		PS-703V-CMS
D	1.562	.937	1	1.500	.406	VCDKF		PS-303V-CMS
D	1.562	.937	1	1.500	.406	VFLF		PS-703VSS-SC-SC-CM
D	1.562	.937	3	1.500	.406	BCDJF		PS-775
D	1.562	.937	3	1.500	.406	BCDKF		PS-250
D	1.562	.937	3	1.500	.406	BCDZF	I	PS-4307
D	1.562	.937	3	1.500	.406	BCFKF		PS-2027
D	1.562	.937	3	1.500	.406	B/VCFJF		PS-2026
D	1.562	.937	3	1.500	.406	VCDJF		PS-703V
D	1.562	.937	3	1.500	.406	VCDKF		PS-303V
D	1.562	.937	3	1.500	.406	VCFKF		PS-2027V
D	1.562	.937	3	1.500	.406	VCFLF	316SS	PS-3116
D	1.562	.937	3	1.500	.406	VCFZF		PS-303V-TC-SEAT
D	1.562	.937	1	1.562	.406	BCDJF		PS-602
D	1.562	.937	1	1.562	.406	BCDKF		PS-603
D	1.625	.937	3	1.500	.406	VCFJF		PS-2724
D	1.625	.937	3	1.500	.406	VLELE		PS-2753
DB	1.625	1.250	—	—	—	XCF-F		FA-4408
E	1.406	1.375	—	—	—	BCF-F		FA-5
E	1.406	1.375	3	1.312	.406	VCFKF	316SS	PS-7859V
E	1.406	1.375	1	1.500	.406	BCFJF	316SS	PS-188
E	1.406	1.375	1	1.500	.406	BCFKF	316SS	PS-935
E	1.406	1.375	1	1.500	.406	BCFKF		PS-2029
E	1.406	1.375	1	1.500	.406	VCFJF	316SS	PS-188V-CMS
E	1.406	1.375	1	1.500	.406	VCFKF	316SS	PS-935V-CMS
E	1.406	1.375	3	1.500	.406	BCFJF	316SS	PS-776
E	1.406	1.375	3	1.500	.406	BCFKF		PS-229
E	1.406	1.375	3	1.500	.406	NCFLF		PS-3260
E	1.406	1.375	3	1.500	.406	VCEZE		PS-7896
E	1.406	1.375	3	1.500	.406	VCFJF	316SS	PS-188V
E	1.406	1.375	3	1.500	.406	VCFKF	316SS	PS-229V
E	1.406	1.375	3	1.500	.406	VCFZF	316SS	PS-7992
E	1.406	1.375	3	1.500	.406	VZFLF	316SS	PS-3507
G	1.398	.787	1	1.500	.406	BCFJF	316SS	PS-3009
K	1.281	1.250	1	1.500	.406	BCFJF		PS-892
K	1.281	1.250	1	1.500	.406	BCFKF		PS-878
K	1.281	1.250	3	1.500	.406	VCFJF		PS-892V
R	1.562	1.625	1	1.500	.406	BCDJF		PS-428
R	1.562	1.625	1	1.500	.406	BCDKF		PS-685
W	1.437	.937	—	—	—	TCF-F	316SS	FA-9009
W	1.437	.937	2	1.500	.406	TCFJF	316SS	PS-9009
X	1.437	.937	3	1.500	.406	BLFLF	316SS	PS-8065

**NOTE:** I. ABRASION RESISTANT CARBON (P66)  
N. NON-STANDARD SPRING HOLDER

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>.937 (15/16")</b>								
E	1.437	1.625	3	1.562	.437	QCFLF		PS-4506
U	1.437	1.656	2	1.562	.406	BCFKF		PS-560SS
U	1.437	1.656	3	1.562	.406	BCFGF		PS-845
U	1.437	1.656	3	1.562	.406	VCFKF		PS-560V
<b>.970</b>								
C	1.687	1.000	1	1.625	.375	VCFJF		PS-9700
<b>.984 (25MM)</b>								
C	1.508	1.181	1	1.575	.394	QCFLF	316SS	PS-5723
C	1.508	1.181	2	1.575	.394	VCFJF		PS-5729
C	1.687	1.000	1	1.625	.437	VCFJF		PS-3112
C	1.687	1.000	3 Special	1.750	.406	VCFLF		PS-4591
D	1.750	1.000	1	1.625	.437	BCFKF	H/I	PS-3900
D	1.812	1.000	1	1.625	.437	BCFJF		PS-4517
D	1.812	1.000	1	1.625	.437	VCFJF		PS-3728
D	1.812	1.000	1	1.625	.437	VCFKF	I	PS-7918
D	1.812	1.000	1	1.625	.437	VCFZF	I	PS-3167
D	1.812	1.000	2	1.625	.500	BCPGP		PS-7991
G	1.535	.787	1	1.575	.236	BLFLF	316SS	PS-2736
G	1.535	.787	1	1.625	.437	VLFLF	316SS	PS-1909
<b>1.000 (1")</b>								
A	1.687	.812	—	—	—	BCF-F		FA-70SS
A	1.687	.812	1	1.625	.437	BCFJF		PS-360
A	1.687	.812	1	1.625	.437	BCFJF		PS-5235
A	1.687	.812	1	1.625	.437	BCFKF		PS-370
A	1.687	.812	1	1.625	.437	VCFJF		PS-360V-CMS
A	1.687	.812	3	1.625	.437	BCFJF		PS-777
A	1.687	.812	3	1.625	.437	BCFKF	S	PS-778
A	1.687	.812	3	1.625	.437	VCFJF	S	PS-360V
A	1.687	.812	25	1.625	.625	B/VCFJF		PS-405
A	1.687	.812	3	2.000	.406	BMDJF		PS-1086
C	1.437	.750	1	1.625	.437	BCFJF	H	PS-1048
C	1.437	.750	1	1.625	.437	VCFJF	H	PS-1048V-CMS
C	1.437	.750	3	1.625	.437	BCFJF	H	PS-1049
C	1.437	1.562	1	1.625	.437	BCFJF	H	PS-539
C	1.437	1.562	1	1.625	.437	BCFKF	H	PS-779
C	1.437	1.562	1	1.625	.437	VCFJF	H	PS-539V-CMS
C	1.437	1.562	1	1.625	.437	VCFKF	H	PS-779V-CMS
C	1.437	1.562	2	1.750	.437	BCFKF	H	PS-5082
C	1.500	.812	1	1.625	.437	BCFJF		PS-5039
C	1.671	1.062	1	1.625	.375	BCFJF		PS-4081
C	1.675	1.000	1	1.625	.375	BCFJF		PS-2748
C	1.687	.812	1	1.625	.437	BCFJF		PS-7434
C	1.687	.812	1	1.625	.437	BCFKF		PS-1123
C	1.687	.812	1	1.625	.437	BZFZF		PS-1123-TC-TC
C	1.687	.812	1	1.625	.437	QCJFJ		PS-1094-EPR
C	1.687	.812	1	1.625	.437	VCFJF		PS-1094
C	1.687	.812	1	1.625	.437	VCFJF	I	PS-1094-P66
C	1.687	.876	3	1.812	.343	VCFKF		PS-3240
C	1.687	1.000	—	—	—	BCF-F		FA-1700
C	1.687	1.000	—	—	—	NCF-F		FA-1700N
C	1.687	1.000	—	—	—	VCF-F		FA-10037
C	1.687	1.000	3	1.437	.437	BCFJF		PS-2145
C	1.687	1.000	3	1.437	.437	VCFJF		PS-3755
C	1.687	1.000	1	1.625	.437	BCFJF		PS-235
C	1.687	1.000	1	1.625	.437	BCFJF	316SS	PS-3312
C	1.687	1.000	1	1.625	.437	BCFJF	I	PS-235-P66
C	1.687	1.000	1	1.625	.437	BCFJF	B/H	PS-245
C	1.687	1.000	1	1.625	.437	BCFJF	B/H/I	PS-245-P66
C	1.687	1.000	1	1.625	.437	BCFKF		PS-357
C	1.687	1.000	1	1.625	.437	BCFKF	B/H	PS-248
C	1.687	1.000	1	1.625	.437	BCFZF	B/H	PS-245-TC-SEAT
C	1.687	1.000	1	1.625	.437	BLFLF		PS-235-SC-SC
C	1.687	1.000	1	1.625	.437	BZFZF		PS-2216
C	1.687	1.000	1	1.625	.437	QCJFJ		PS-235-EPR



# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.000 (1") (continued)</b>								
C	1.687	1.000	1	1.625	.437	QCFJF	I	PS-235-EPR-P66
C	1.687	1.000	1	1.625	.437	QCFJF	B/H	PS-245-EPR
C	1.687	1.000	1	1.625	.437	QCFKF	B/H	PS-248-EPR
C	1.687	1.000	1	1.625	.437	QCFZF	I	PS-4379
C	1.687	1.000	1	1.625	.437	VCFJF		PS-235V-CMS
C	1.687	1.000	1	1.625	.437	VCFJF	B/H	PS-245V-CMS
C	1.687	1.000	1	1.625	.437	VCFJF	I	PS-235V-CMS-P66
C	1.687	1.000	1	1.625	.437	VCFKF		PS-357V-CMS
C	1.687	1.000	1	1.625	.437	VCFKF	B/H	PS-248V-CMS
C	1.687	1.000	1	1.625	.437	VFLFL		PS-235V-SC-SC
C	1.687	1.000	1	1.625	.437	VZFZF		PS-2216V-CMS
C	1.687	1.000	3	1.625	.437	BCFJF	S	PS-548
C	1.687	1.000	3	1.625	.437	BCFKF	S	PS-499
C	1.687	1.000	3	1.625	.437	QCFKF	S	PS-499-EPR
C	1.687	1.000	3	1.625	.437	QCFZF		PS-4350
C	1.687	1.000	3	1.625	.437	VCFJF	S	PS-235V
C	1.687	1.000	3	1.625	.437	VCFJF	I	PS-235V-P66
C	1.687	1.000	3	1.625	.437	VCFJF	B/H	PS-245V
C	1.687	1.000	3	1.625	.437	VCFKF	S	PS-357V
C	1.687	1.000	3	1.625	.437	VCFKF	B/H/S	PS-248V
C	1.687	1.000	3	1.625	.437	VCFLF	I/S	PS-3807
C	1.687	1.000	25	1.625	.625	BCFJF		PS-413
C	1.687	1.000	25	1.625	.625	VCFJF		PS-413V
C	1.687	1.000	1	1.750	.437	BCFJF		PS-3440
C	1.687	1.000	1	1.750	.437	BCFKF		PS-2163
C	1.687	1.000	1	1.750	.437	V/BCFJF		PS-3440V
C	1.687	1.000	3	1.750	.437	BCFKF		PS-3220
C	1.687	1.000	3	1.750	.437	VCFKF		PS-3619
C	1.687	1.000	3	1.750	.437	VCFKF		PS-7207
C	1.687	1.000	28	2.438	.437	BCFKF		PS-3824
C	1.687	1.000	28	2.438	.437	VCFKF		PS-1034V
C	1.687	1.062	1	1.625	.437	VCFJF	B/I	PS-4095
C	1.687	1.562	1	1.625	.437	BCFN/KF		PS-982
C	1.687	1.562	1	1.625	.437	VCFN/KF		PS-982V-CMS
C	1.687	1.755	1	1.625	.437	VCFJF	B	PS-4254
C	1.763	1.062	1	1.625	.437	VCFJF		PS-3785
D	1.750	1.000	3	1.625	.312	BCPKF		PS-6328
D	1.750	1.000	3	1.625	.312	NCPKF		PS-6329
D	1.750	1.000	3	1.625	.312	QCFJF		PS-3250
D	1.750	1.000	3	1.625	.312	VCPKF		PS-4137
D	1.750	1.000	3	1.625	.312	VCPLF	H	PS-2805
D	1.750	1.000	3	1.625	.312	VLFZF		PS-4394
D	1.750	1.062	3	1.625	.437	QCDFK	I	PS-4601
D	1.812	1.000	3	1.625	.312	BCPKF		PS-1630
D	1.812	1.000	1	1.625	.437	VLFZF		PS-4297
D	1.812	1.000	3	1.625	.437	NCPGF		PS-6019
D	1.812	1.000	3	1.625	.437	NCPGP		PS-159
D	1.812	1.000	3	1.625	.437	VCFJF		PS-2725
D	1.812	1.000	3	1.625	.437	VCFLF	I	PS-3266
D	1.812	1.000	3	1.625	.437	VLELE		PS-2728
D	1.812	1.000	3	1.625	.437	VLFZF	S	PS-2703
D	1.812	1.062	—	—	—	BCF-F		FA-170
D	1.812	1.062	1	1.625	.437	BCFJF		PS-380
D	1.812	1.062	1	1.625	.437	BCFKF		PS-460
D	1.812	1.062	1	1.625	.437	BCFKF	I	PS-460-P66
D	1.812	1.062	1	1.625	.437	VCFJF		PS-380V-CMS
D	1.812	1.062	1	1.625	.437	VCFKF		PS-460V-CMS
D	1.812	1.062	3	1.625	.437	BCFJF		PS-2033
D	1.812	1.062	3	1.625	.437	BCFKF	S	PS-252
D	1.812	1.062	3	1.625	.437	BCFKF	I/S	PS-252-P66
D	1.812	1.062	3	1.625	.437	BCFLF	S	PS-3241
D	1.812	1.062	3	1.625	.437	QCFKF	S	PS-252-EPR
D	1.812	1.062	3	1.625	.437	VCFJF		PS-380V
D	1.812	1.062	3	1.625	.437	VCFKF	S	PS-460V
D	1.812	1.062	1	1.750	.437	BCFJF		PS-2164

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.000 (1") (continued)</b>								
D	1.812	1.062	1	1.750	.437	BCFKF		PS-227
D	47MM	25MM	1	32MM	10.3MM	VCFJF		PS-4453
DB	1.812	1.312	3	1.500	.406	NCPLF		PS-4579
DB	1.812	1.312	3	1.500	.406	VCFKF	316SS	PS-4253
DB	1.812	1.312	3	1.500	.406	VCFKF	I	PS-4289
DB	1.812	1.312	3	1.500	.406	VCFZF		PS-3273
DB	1.812	1.312	3	1.500	.406	VCFZF		PS-4255
E	1.500	1.187	3	1.625	.312	VCFKF		PS-3803
E	1.500	1.187	3	1.625	.437	BCFKF	S	PS-251
E	1.500	1.562	—	—	—	BCF-F		FA-912
E	1.500	1.562	3	1.437	.437	BCFJF		PS-4882
E	1.500	1.562	1	1.625	.437	BCFJF		PS-754
E	1.500	1.562	1	1.625	.437	BCFJF	I	PS-754-P66
E	1.500	1.562	1	1.625	.437	BCFKF		PS-236
E	1.500	1.562	1	1.625	.437	NCFKF		PS-236N
E	1.500	1.562	1	1.625	.437	VCFJF		PS-754V-CMS
E	1.500	1.562	1	1.625	.437	VCFJF	I	PS-754V-CMS-P66
E	1.500	1.562	1	1.625	.437	VCFKF		PS-236V-CMS
E	1.500	1.562	1	1.625	.437	VCFZF		PS-3625
E	1.500	1.562	3	1.625	.437	BCFKF	S	PS-791
E	1.500	1.562	3	1.625	.437	BCPKF		PS-6331
E	1.500	1.562	3	1.625	.437	B/VCFJF	S	PS-557
E	1.500	1.562	3	1.625	.437	QCFZF		PS-3129
E	1.500	1.562	3	1.625	.437	VCFJF	S	PS-754V
E	1.500	1.562	3	1.625	.437	VCFJF	316SS	PS-3976
E	1.500	1.562	3	1.625	.437	VCFKF	S	PS-236V
E	1.500	1.562	3	1.625	.437	VCFZF	316SS	PS-4412
E	1.500	1.562	5	1.625	.437	VCFZF		PS-3589
G	1.535	.813	1	1.625	.437	VCFJF	316SS	PS-3874
G	1.535	.813	3	1.625	.437	BCFLF		PS-3010
G	1.535	.937	1	1.625	.437	VCFJF	316SS	PS-4195
G	1.535	1.000	3	1.625	.437	BCFJF	S	PS-3042
G	1.535	1.000	3	1.625	.437	VCFJF		PS-3295
K	1.478	1.718	1	1.625	.437	VCFRF		PS-3065
K	1.671	1.625	3	1.875	.312	BCFKF		PS-4362
K	1.687	1.625	1	1.625	.437	BCFJF		PS-879
K	1.687	1.625	1	1.625	.437	BCFKF		PS-891
K	1.687	1.625	1	1.625	.437	BLFLF		PS-4129
K	1.687	1.625	1	1.625	.437	BLFLF/BCFJF		PS-4301
K	1.687	1.625	1	1.625	.437	BLFZF		PS-879-SC-TC
K	1.687	1.625	1	1.625	.437	VCFJF		PS-879V-CMS
K	1.687	1.625	1	1.625	.437	VCFJF		PS-3959
K	1.687	1.625	3	1.625	.437	BLFLF		PS-4590
K	1.687	1.875	1	1.625	.437	BCFKF		PS-3126
Q	1.625	.874	1	1.625	.437	BCDJF		PS-1619
Q	1.625	.885	Special	1.625	.312	Special		PS-3120
Q	1.875	.438	9	1.625	.312	BCFJF		PS-2806
Q	1.875	.438	2	1.625	.312	BMDAF		PS-6305
Q	1.875	.985	—	—	—	NMDKF	Unitized	PS-3100
Q	1.906	.471	9	—	.421	NMDKF	A	PS-3401
Q	1.925	.885	Special	1.625	.312	BMPAP		PS-6312
R	1.750	1.875	1	1.625	.437	BCFJF		PS-429
R	1.750	1.875	1	1.625	.437	BCFKF		PS-430
R	1.750	1.875	1	1.625	.437	VCFJF	I	PS-429V-CMS-P66
S	1.904	1.906	8	1.750	.250	NAPSP		PS-793
T	1.500	1.968	3	1.625	.312	NCPKF		PS-1631
T	1.500	2.312	1	1.625	.437	BCFJF		PS-276
T	1.500	2.312	1	1.625	.437	BCFKF		PS-277
T	1.500	2.312	3	1.625	.437	QLFLF	S	PS-4210
W	1.562	1.000	—	—	—	TCF-F	316SS	FA-6987
W	1.562	1.000	2	1.625	.437	TCFKF	316SS	PS-9313
W	1.562	1.000	2	1.625	.437	TCFOF	316SS	PS-9334
W	1.562	1.000	Special	2.015	.593	TCFGF	316SS	PS-9715
W	1.562	1.000	Special	2.156	.656	TCFJF	316SS	PS-9007
W	1.562	1.000	27	2.156	.812	TCFJF	316SS	PS-9018

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.000 (1") (continued)</b>								
WT	1.437	1.000	—	—	—	TCF-F	316SS	FA-9349
WT	1.437	1.000	27	2.000	.625	TCFZF	316SS	PS-9349
X	1.562	1.000	3	1.625	.437	VCFRF	316SS/S	PS-8091
X	1.562	1.000	5	1.633	.437	QCFZF	316SS	PS-8116
XB1	1.562	1.312	3	1.500	.406	VCFLF	316SS/S	PS-8705
XB2	1.750	1.000	3	1.625	.437	BCFKF	316SS	PS-8112
XB2	1.750	1.000	3 Special	1.750	.437	VCFJF	316SS	PS-8020
<b>1.062 (1-1/16")</b>								
C	1.812	1.062	3	1.750	.437	BCFKF	S	PS-2155
D	1.875	1.062	1	1.750	.437	BCDKF		PS-127
D	1.875	1.062	3	1.750	.437	BCFJF	S	PS-797
D	1.996	1.062	3	1.750	.437	VCDLF		PS-3193
E	1.625	1.593	1	1.750	.437	BCFJF		PS-710
E	1.625	1.593	1	1.750	.437	BCFKF		PS-498
E	1.625	1.593	3	1.750	.437	BCFKF		PS-799
E	1.625	1.593	3	1.750	.437	VCFJF	S	PS-798V
W	1.625	1.000	27	1.812	.437	TCFKF	316SS	PS-9338
<b>1.125 (1-1/8")</b>								
C	1.812	1.062	—	—	—	BCF-F		FA-1800
C	1.812	1.062	—	—	—	VCF-F		FA-10038
C	1.812	.937	1	1.750	.437	BCFJF		PS-4302
C	1.812	1.062	1	1.750	.437	BCFJF		PS-356
C	1.812	1.062	1	1.750	.437	BCFJF	I	PS-356-P66
C	1.812	1.062	1	1.750	.437	BCFJF	B	PS-627
C	1.812	1.062	1	1.750	.437	BCFJF	B	PS-1682
C	1.812	1.062	1	1.750	.437	BCFKF		PS-355
C	1.812	1.062	1	1.750	.437	BCFKF	I	PS-355-P66
C	1.812	1.062	1	1.750	.437	BCFKF	B	PS-1167
C	1.812	1.062	1	1.750	.437	BCFLF		PS-4443
C	1.812	1.062	1	1.750	.437	BCFZF	I	PS-356-P66-TC-SEAT
C	1.812	1.062	1	1.750	.437	BLFLF		PS-355-SC-SC
C	1.812	1.062	1	1.750	.437	BLFZF		PS-356-SC-TC
C	1.812	1.062	1	1.750	.437	BZFZF		PS-356-TC-TC
C	1.812	1.062	1	1.750	.437	QCFJF		PS-356-EPR
C	1.812	1.062	1	1.750	.437	QCFJF	I	PS-356-EPR-P66
C	1.812	1.062	1	1.750	.437	QCFLF		PS-356-EPR-SC
C	1.812	1.062	1	1.750	.437	QCFLF	I	PS-3965
C	1.812	1.062	1	1.750	.437	QCFZF	I	PS-7325
C	1.812	1.062	1	1.750	.437	QLFLF	I	PS-356-EPR-SC-SC
C	1.812	1.062	1	1.750	.437	VCEZE		PS-4295
C	1.812	1.062	1	1.750	.437	VCFJF		PS-356V-CMS
C	1.812	1.062	1	1.750	.437	VCFJF	I	PS-356V-CMS-P66
C	1.812	1.062	1	1.750	.437	VCFKF		PS-355V-CMS
C	1.812	1.062	1	1.750	.437	VCFKF	I	PS-4047
C	1.812	1.062	1	1.750	.437	VCFZF	I	PS-3239
C	1.812	1.062	1	1.750	.437	VLFLF		PS-356V-SC-SC-CMS
C	1.812	1.062	1	1.750	.437	VZFLF		PS-3234
C	1.812	1.062	1	1.750	.437	VZFZF		PS-356V-TC-TC-CMS
C	1.812	1.062	2	1.750	.437	BCFKF		PS-3833
C	1.812	1.062	3	1.750	.437	BCFKF	S	PS-529
C	1.812	1.062	3	1.750	.437	BCFKF	B/S	PS-588
C	1.812	1.062	3	1.750	.437	B/VCFJF	S	PS-801
C	1.812	1.062	3	1.750	.437	QCFKF	S	PS-529-EPR
C	1.812	1.062	3	1.750	.437	QCFZF	I/S	PS-2226
C	1.812	1.062	3	1.750	.437	VCFJF	S	PS-356V
C	1.812	1.062	3	1.750	.437	VCFKF	S	PS-355V
C	1.812	1.062	3	1.750	.437	VCFLF	S	PS-355V-SC-SEAT
C	1.812	1.062	3	1.750	.437	VCFLF	S	PS-4505
C	1.812	1.062	3	1.750	.437	VCFLF	I/S	PS-529V-SC-P66
C	1.812	1.062	3	1.750	.437	VCFZF	S	PS-7608
C	1.812	1.062	3	1.750	.437	VLFLF	S	PS-4037
C	1.812	1.062	3	1.750	.437	VZFZF	S	PS-4454
C	1.812	1.562	1	1.750	.437	BCFJF		PS-2227
C	1.812	1.562	1	1.750	.437	BCFKF		PS-983

**NOTE:** B. TAPERED SPRING  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.125 (1-1/8") (continued)</b>								
C	1.812	1.562	3	1.750	.437	VCFKF	S	PS-983V
C	1.812	1.562	3	1.750	.437	VZFZF	S	PS-983V-TC-TC
D	1.875	1.062	1	1.750	.437	BCFJF		PS-604
D	1.875	1.062	1	1.750	.437	BCFKF		PS-605
D	1.875	1.062	1	1.750	.437	NCFJF	H	PS-4271
D	1.875	1.062	1	1.750	.437	QCFJF		PS-604-EPR
D	1.875	1.062	1	1.750	.437	VCFJF		PS-604V-CMS
D	1.875	1.062	1	1.750	.437	VCFKF		PS-605V-CMS
D	1.875	1.062	1	1.750	.437	VCFKF	I	PS-3918
D	1.875	1.062	3	1.750	.437	BCFJF	S	PS-802
D	1.875	1.062	3	1.750	.437	BCFKF	S	PS-254
D	1.875	1.062	3	1.750	.437	VCFKF	S	PS-605V
D	1.875	1.062	1	1.875	.437	BCFKF		PS-521
D	1.937	1.062	3	1.750	.437	VCFZF	I	PS-3712
D	1.937	1.062	3	1.750	.437	VLFLF	S	PS-3856
E	1.625	1.187	3	1.750	.437	BCFKF	S	PS-253
E	1.625	1.406	3	1.750	.437	VCFJF	316SS/C/I/S	PS-3060
E	1.625	1.625	—	—	—	BCF-F		FA-866
E	1.625	1.625	—	—	—	VCFJF		FA-608V
E	1.625	1.625	1	1.687	.437	BCFJF		PS-607
E	1.625	1.625	1	1.687	.437	BCFKF		PS-608
E	1.625	1.625	1	1.750	.437	BCFJF		PS-204
E	1.625	1.625	1	1.750	.437	BCFJF	I	PS-204-P66
E	1.625	1.625	1	1.750	.437	BCFKF		PS-384
E	1.625	1.625	1	1.750	.437	QCFJF		PS-204-EPR
E	1.625	1.625	1	1.750	.437	VCFJF		PS-204V-CMS
E	1.625	1.625	1	1.750	.437	VCFJF	I	PS-204V-CMS-P66
E	1.625	1.625	1	1.750	.437	VCFKF		PS-384V-CMS
E	1.625	1.625	3	1.750	.437	BCFJF	S	PS-866
E	1.625	1.625	3	1.750	.437	BCFKF	S	PS-867
E	1.625	1.625	3	1.750	.437	B/VCFKF	S	PS-4262
E	1.625	1.625	3	1.750	.437	QCFJF	316SS/S	PS-4421
E	1.625	1.625	3	1.750	.437	QCFKF	S	PS-867-EPR
E	1.625	1.625	3	1.750	.437	QCFKF	I/S	PS-885-EPR-P66
E	1.625	1.625	3	1.750	.437	QCFZF	I/S	PS-4565
E	1.625	1.625	3	1.750	.437	VCFJF	S	PS-204V
E	1.625	1.625	3	1.750	.437	VCFKF	S	PS-867V
E	1.625	1.625	3	1.750	.437	VCFKF	C/S	PS-2738
E	1.625	1.625	3	1.750	.437	VCFLF	S	PS-4300
E	1.625	1.625	3	1.750	.437	VCFZF	S	PS-867V-TC-SEAT
E	1.625	1.625	5	1.750	.437	BCFZF	316SS/I	PS-3163
E	1.625	1.625	5	1.750	.437	QCDZF	I	PS-3109
E	1.625	1.625	3	1.812	.437	BCFJF		PS-1172
E	1.625	1.625	3	1.812	.437	BCFKF		PS-1173
E	1.625	1.625	3	1.812	.437	BCFZF		PS-1668
E	1.625	1.625	3	1.812	.437	B/VCFJF		PS-1636
E	1.625	1.625	3	1.812	.437	B/VCFKF		PS-1637
E	1.625	1.625	3	1.812	.437	VCFJF		PS-1172V
E	1.625	1.625	3	1.812	.437	VCFKF		PS-1639V
E	1.625	1.625	1	1.875	.437	BCFKF		PS-1067
E	1.625	2.000	2	1.812	.437	QCFZF	316SS	PS-3291
E	1.625	2.000	3	1.812	.437	BCFJF		PS-619
E	1.625	2.000	3	1.812	.437	BCFKF		PS-948
E	1.625	2.000	3	1.812	.437	VCFJF		PS-619V
E	1.937	1.333	3	2.000	.375	BCPKP		PS-7967
E	1.937	1.333	3	2.000	.375	NCPGF	S	PS-3653
E	1.937	1.333	3	2.000	.375	VCPKF		PS-6334
E	2.000	1.333	3	2.000	.375	QCPKF		PS-3063
EB	1.625	1.937	3	1.625	.437	BCFZF	I/S	PS-3817
G	1.654	1.024	1	1.750	.437	BLFLF	316SS	PS-4425
G	1.654	1.062	25	1.750	.437	VCFLF	316SS	PS-3013
K	1.812	1.625	1	1.750	.437	BCFJF		PS-1176
K	1.812	1.625	1	1.750	.437	BCFKF		PS-1177
K	1.812	1.625	1	1.750	.437	VL/CFL/JF		PS-4177
Q	1.578	.402	9	1.578	.234	VMFAF		PS-6318

**NOTE:** C. COMPLETE WITH COLLAR  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.125 (1-1/8") (continued)</b>								
Special	1.875	1.109	3	1.625	.312	BCPKP		PS-3731
T	1.625	2.125	3	1.750	.437	VCFJF	S	PS-3511
T	1.625	2.375	3	1.750	.437	BCFJF	S	PS-886
T	1.625	2.375	3	1.750	.437	BCFKF	S	PS-918
T	1.625	2.375	3	1.812	.437	BCFJF		PS-1178
U	1.625	1.688	3	1.750	.437	BCFKF	S	PS-282
U	1.625	1.688	3	1.750	.437	VCFKF	S	PS-282V
U	1.625	1.688	3	1.750	.437	VLFLF	S	PS-3263
W	1.687	1.062	—	—	—	TCF-F	316SS	FA-9327
W	1.687	1.062	28	2.354	.752	Special	316SS	PS-9329
W	1.687	1.062	28	2.354	.752	TCFKF	316SS	PS-9328
W	1.692	1.062	2	2.000	.484	TCFKF	316SS	PS-7232
W	1.692	1.062	2	2.000	.484	TCFOF	316SS	PS-9327
W	1.692	1.062	2	2.000	.484	TCFZF	316SS	PS-9355
XB2	1.875	1.000	27	2.375	1.000	VCFJF	316SS	PS-8006
<b>1.181 (30MM)</b>								
D	2.000	1.062	1	1.875	.437	BCDJF		PS-136
D	2.000	1.062	1	1.875	.437	BCDKF		PS-1179
D	2.000	1.062	1	1.875	.437	BCDKF	I	PS-1179-P66
D	2.000	1.062	1	1.875	.437	BCFJF	I	PS-2737
D	2.000	1.062	1	1.875	.437	VCDJF		PS-136V-CMS
D	2.000	1.062	1	1.875	.437	VCDKF		PS-1179V
D	2.000	1.062	1	1.875	.437	VCDKF	I	PS-1179V-P66
D	2.000	1.062	1	1.875	.437	VCFZF	I	PS-3938
D	2.000	1.062	3	1.875	.437	VCDJF	S	PS-136V
<b>1.187 (1-3/16")</b>								
C	1.937	1.062	1	1.875	.437	BCFJF		PS-6812
C	1.937	1.062	1	1.875	.437	BCFKF		PS-2162
C	1.937	1.062	28	2.834	.500	BCFKF		PS-1044
C	1.937	1.062	28	2.834	.500	VCFKF		PS-1044V
D	2.062	1.000	1	1.875	.437	NCPJP		PS-297
D	2.062	1.062	3	1.812	.437	BCFKF		PS-4533
D	2.062	1.062	3	1.875	.437	BCDKF	I	PS-3287
D	2.062	1.062	3	1.875	.437	NCPKP		PS-4298
E	1.812	1.187	1	1.875	.437	BCDJF		PS-306
E	1.812	1.187	1	1.875	.437	BCDKF		PS-1180
E	1.812	1.187	3	1.875	.437	BCDKF		PS-255
E	1.812	1.187	3	1.875	.437	VCFJF	S	PS-306V
E	1.812	1.625	1	1.875	.437	BCDJF		PS-310
E	1.812	1.625	1	1.875	.437	BCDKF		PS-343
T	1.812	2.375	1	1.875	.437	BCDJF		PS-723
T	1.812	2.375	1	1.875	.437	BCDKF		PS-724
T	1.812	2.375	1	1.875	.437	VCDJF		PS-723V-CMS
XB	1.687	1.125	3	1.687	.437	Special	316SS/C	PS-8074
<b>1.250 (1-1/4")</b>								
C	1.799	1.062	1	1.875	.437	VCFJF		PS-5674
C	1.828	1.062	—	—	—	BCF-F	316SS/H	FA-4463
C	1.921	1.062	1	1.875	.437	QCFLF	316SS/H	PS-3131
C	1.921	1.062	1	1.875	.437	QCFZF	316SS	PS-4029
C	1.921	1.062	1	1.875	.437	VCFLF	316SS	PS-3538
C	1.937	.734	—	—	—	BCF-F		FA-2678
C	1.937	.906	3 Special	1.875	.437	VCFGF		PS-3945
C	1.937	1.062	—	—	—	BCF-F		FA-756
C	1.937	1.062	—	—	—	VCF-F		FA-10040
C	1.937	1.062	1	1.765	.365	BCFJF	B	PS-978
C	1.937	1.062	1	1.765	.365	BCFJF	B/I	PS-978-P66
C	1.937	1.062	1	1.765	.365	BCFKF	B	PS-979
C	1.937	1.062	1	1.765	.365	BCFKF	B/I	PS-979-P66
C	1.937	1.062	1	1.765	.365	BCFZF	B	PS-978-TC-SEAT
C	1.937	1.062	1	1.765	.365	BLFZF	B	PS-978-SC-TC
C	1.937	1.062	1	1.765	.365	QCFJF	B	PS-978-EPR
C	1.937	1.062	1	1.765	.365	QCFJF	B/I	PS-978-EPR-P66
C	1.937	1.062	1	1.765	.365	QCFKF	B	PS-979-EPR

**NOTE:** B. TAPERED SPRING  
C. COMPLETE WITH COLLAR  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.250 (1-1/4") (continued)</b>								
C	1.937	1.062	1	1.765	.365	QCFLF	B/I	PS-4332
C	1.937	1.062	1	1.765	.365	QCFZF	B	PS-978-EPR-TC
C	1.937	1.062	1	1.765	.365	QLFLF	B	PS-978-EPR-SC-SC
C	1.937	1.062	1	1.765	.365	QRFLF	B	PS-4204
C	1.937	1.062	1	1.765	.365	VCFJF	B	PS-978V
C	1.937	1.062	1	1.765	.365	VCFJF	B/I	PS-978V-P66
C	1.937	1.062	1	1.765	.365	VCFKF	B	PS-979V
C	1.937	1.062	1	1.765	.365	VCFKF	B/I	PS-979V-P66
C	1.937	1.062	1	1.765	.365	VCFLF	B/I	PS-978V-SC-P66
C	1.937	1.062	1	1.765	.365	VCFZF	B/I	PS-978V-P66-TC
C	1.937	1.062	1	1.765	.365	VLFLF	B	PS-978V-SC-SC
C	1.937	1.062	1	1.765	.365	VZFFZ	B	PS-978V-TC-TC
C	1.937	1.062	3	1.875	.413	XLFFZ	316SS	PS-4460
C	1.937	1.062	1	1.875	.437	BCEJE		PS-3933
C	1.937	1.062	1	1.875	.437	BCFJF		PS-185
C	1.937	1.062	1	1.875	.437	BCFJF	I	PS-185-P66
C	1.937	1.062	1	1.875	.437	BCFJF	316SS	PS-4463
C	1.937	1.062	1	1.875	.437	BCFJF	B/H	PS-246
C	1.937	1.062	1	1.875	.437	BCFKF		PS-756
C	1.937	1.062	1	1.875	.437	BCFKF	I	PS-756-P66
C	1.937	1.062	1	1.875	.437	BCFKF	B/H	PS-249
C	1.937	1.062	1	1.875	.437	BCFLF		PS-3738
C	1.937	1.062	1	1.875	.437	BCFZF		PS-185-TC-SEAT
C	1.937	1.062	1	1.875	.437	BLFLF		PS-185-SC-SC
C	1.937	1.062	1	1.875	.437	BLFLF	316SS	PS-4595
C	1.937	1.062	1	1.875	.437	BRFLF		PS-4211
C	1.937	1.062	1	1.875	.437	BZFFZ		PS-2208
C	1.937	1.062	1	1.875	.437	NCFJF		PS-1081
C	1.937	1.062	1	1.875	.437	NCFKF		PS-1082
C	1.937	1.062	1	1.875	.437	QCFJF		PS-185-EPR
C	1.937	1.062	1	1.875	.437	QCFJF	I	PS-185-EPR-P66
C	1.937	1.062	1	1.875	.437	QCFJF	B/H/I	PS-246-EPR-P66
C	1.937	1.062	1	1.875	.437	QCFKF		PS-756-EPR
C	1.937	1.062	1	1.875	.437	QCFKF	316SS	PS-4464
C	1.937	1.062	1	1.875	.437	QCFKF	I	PS-2203-CMS
C	1.937	1.062	1	1.875	.437	QCFLF		PS-185E-SC-CMS
C	1.937	1.062	1	1.875	.437	QLFLF		PS-4156
C	1.937	1.062	1	1.875	.437	QLFLF	316SS	PS-3062
C	1.937	1.062	1	1.875	.437	QZFLF	H	PS-3264
C	1.937	1.062	1	1.875	.437	VCFJF		PS-185V-CMS
C	1.937	1.062	1	1.875	.437	VCFJF	I	PS-185V-CMS-P66
C	1.937	1.062	1	1.875	.437	VCFJF	B/H	PS-246V-CMS
C	1.937	1.062	1	1.875	.437	VCFJF	B/H/I	PS-246V-CMS-P66
C	1.937	1.062	1	1.875	.437	VCFJF	316SS	PS-3886
C	1.937	1.062	1	1.875	.437	VCFKF		PS-756V-CMS
C	1.937	1.062	1	1.875	.437	VCFKF	I	PS-756V-CMS-P66
C	1.937	1.062	1	1.875	.437	VCFKF	B/H	PS-249V-CMS
C	1.937	1.062	1	1.875	.437	VCFLF		PS-185V-SC-SEAT
C	1.937	1.062	1	1.875	.437	VCFZF		PS-185V-TC-SEAT
C	1.937	1.062	1	1.875	.437	VCFZF	316SS	PS-4176
C	1.937	1.062	1	1.875	.437	VLFLF		PS-185V-SC-SC
C	1.937	1.062	1	1.875	.437	VLFLF	316SS	PS-4101
C	1.937	1.062	1	1.875	.437	VLFLF	316SS/H	PS-4150
C	1.937	1.062	1	1.875	.437	VLFZF		PS-185V-SC-TC
C	1.937	1.062	1	1.875	.437	VRFLF		PS-3892
C	1.937	1.062	1	1.875	.437	VZFLF		PS-185V-TC-SC
C	1.937	1.062	1	1.875	.437	VZFFZ		PS-185V-TC-TC
C	1.937	1.062	3	1.875	.437	BCFGF	S	PS-4152
C	1.937	1.062	3	1.875	.437	BCFJF	S	PS-618
C	1.937	1.062	3	1.875	.437	BCFKF		PS-598
C	1.937	1.062	3	1.875	.437	BCFKF	B	PS-525
C	1.937	1.062	3	1.875	.437	BCFKF	S	PS-7938-BUNA
C	1.937	1.062	3	1.875	.437	BCFZF	S	PS-598-TC-SEAT
C	1.937	1.062	3	1.875	.437	BLFLF	S	PS-598-SC-SC
C	1.937	1.062	3	1.875	.437	B/VCFKF	S	PS-1053

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.250 (1-1/4") (continued)</b>								
C	1.937	1.062	3	1.875	.437	BZFFZ	S	PS-618-TC-TC
C	1.937	1.062	3	1.875	.437	QCFJF	I/S	PS-618-EPR-P66
C	1.937	1.062	3	1.875	.437	QCFKF		PS-598-EPR
C	1.937	1.062	3	1.875	.437	QCFKF	I	PS-2203
C	1.937	1.062	3	1.875	.437	QCFLF	S	PS-185-EPR-SC
C	1.937	1.062	3	1.875	.437	QCFZF	S	PS-185-EPR-TC
C	1.937	1.062	3	1.875	.437	QCFZF	I/S	PS-7436
C	1.937	1.062	3	1.875	.437	QZFZF		PS-4534
C	1.937	1.062	3	1.875	.437	VCFJF	S	PS-185V
C	1.937	1.062	3	1.875	.437	VCFJF	I/S	PS-185V-P66
C	1.937	1.062	3	1.875	.437	VCFJF	B/H/S	PS-246V
C	1.937	1.062	3	1.875	.437	VCFKF		PS-756V
C	1.937	1.062	3	1.875	.437	VCFKF	I	PS-756V-P66
C	1.937	1.062	3	1.875	.437	VCFKF	B/H	PS-249V
C	1.937	1.062	3	1.875	.437	VCFKF	S	PS-3173
C	1.937	1.062	3	1.875	.437	VCFKF	S	PS-7938
C	1.937	1.062	3	1.875	.437	VCFLF	S	PS-756V-SC-SEAT
C	1.937	1.062	3	1.875	.437	VCFZF	S	PS-618V-TC-SEAT
C	1.937	1.062	3	1.875	.437	VLFZF	S	PS-756V-SC-TC
C	1.937	1.062	3	1.875	.437	VRFLF	S	PS-3940
C	1.937	1.062	3	1.875	.437	XLFLF	316SS	PS-4321
C	1.937	1.062	1	2.000	.437	BCFJF		PS-466
C	1.937	1.062	1	2.000	.437	BCFJF	I	PS-466-P66
C	1.937	1.062	1	2.000	.437	BCFKF		PS-1018-CMS
C	1.937	1.062	1	2.000	.437	BLFLF		PS-466-SC-SC
C	1.937	1.062	1	2.000	.437	VCFJF		PS-466V
C	1.937	1.062	1	2.000	.437	VCFJF	I	PS-466V-P66
C	1.937	1.062	1	2.000	.437	VCFJF	316SS	PS-4131
C	1.937	1.062	1	2.000	.437	VCFKF		PS-3185
C	1.937	1.062	1	2.000	.437	VCFLF	316SS	PS-3178
C	1.937	1.062	1	2.000	.437	VLFLF		PS-466V-SC-SC-CMS
C	1.937	1.062	1	2.000	.437	VLFZF	316SS	PS-4040
C	1.937	1.062	3	2.000	.437	BCFJF		PS-2230
C	1.937	1.062	3	2.000	.437	BCFJF	I	PS-7343
C	1.937	1.062	3	2.000	.437	BCFKF		PS-1018
C	1.937	1.062	3	2.000	.437	BCFKF	I	PS-1018-P66
C	1.937	1.062	3	2.000	.437	BCFZF	I	PS-3045
C	1.937	1.062	3	2.000	.437	BLFLF		PS-1018-SC-SC
C	1.937	1.062	3	2.000	.437	QCFKF		PS-1018-EPR
C	1.937	1.062	3	2.000	.437	QCFKF	I	PS-1018-EPR-P66
C	1.937	1.062	3	2.000	.437	QCFZF	I	PS-4559
C	1.937	1.062	3	2.000	.437	VCFJF		PS-2230V
C	1.937	1.062	3	2.000	.437	VCFKF	I	PS-2200
C	1.937	1.062	3	2.000	.437	VCFKF		PS-1018V
C	1.937	1.062	28	2.835	.660	BCFKF		PS-1036
C	1.937	1.062	28	2.835	.660	VCFKF		PS-1036V
C	1.937	1.250	25	2.250	.625	BCFJF	B	PS-923
C	1.937	1.250	25	2.250	.625	QCFJF	B	PS-923-EPR
C	1.937	1.250	25	2.250	.625	VCFJF	B	PS-923V
C	1.937	1.625	1	1.875	.437	BCFJF		PS-2122
C	1.937	1.625	1	1.875	.437	BCFJF	I	PS-2122-P66
C	1.937	1.625	1	1.875	.437	BCFJF	316SS/I	PS-7908
C	1.937	1.625	1	1.875	.437	BCFKF		PS-2123
C	1.937	1.625	1	1.875	.437	BCFKF	I	PS-2123-P66
C	1.937	1.625	1	1.875	.437	BRFJF		PS-4247
C	1.937	1.625	1	1.875	.437	BZFLF		PS-3146
C	1.937	1.625	1	1.875	.437	NCFJF		PS-1083
C	1.937	1.625	1	1.875	.437	NCFKF		PS-1084
C	1.937	1.625	1	1.875	.437	QCFJF	I	PS-2215
C	1.937	1.625	1	1.875	.437	QLFLF		PS-4053
C	1.937	1.625	1	1.875	.437	VCFJF		PS-2122V-CMS
C	1.937	1.625	1	1.875	.437	VCFKF		PS-2123V-CMS
C	1.937	1.625	1	1.875	.437	VCFZF		PS-7983V
C	1.937	1.625	1	1.875	.437	VLFLF		PS-7805
C	1.937	1.625	1	1.875	.437	VRFJF		PS-3829

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.250 (1-1/4") (continued)</b>								
C	1.937	1.625	1	1.875	.437	VZFLF		PS-3119
C	1.937	1.625	3	1.875	.437	BCFJF	S	PS-1109-CER
C	1.937	1.625	3	1.875	.437	BCFKF		PS-1109
C	1.937	1.625	3	1.875	.437	BCFKF	I	PS-1109-P66
C	1.937	1.625	3	1.875	.437	BLFZF	I/S	PS-1109-SC-TC
C	1.937	1.625	3	1.875	.437	BZFZF	I/S	PS-1109-TC-TC
C	1.937	1.625	3	1.875	.437	QCFKF		PS-1109-EPR
C	1.937	1.625	3	1.875	.437	QCFLF	I	PS-4336
C	1.937	1.625	3	1.875	.437	VCFJF	S	PS-2122V
C	1.937	1.625	3	1.875	.437	VCFKF		PS-1109V
C	1.937	1.625	3	1.875	.437	VCFLF	S	PS-1109V-SC-SEAT
C	1.937	1.750	1	1.875	.437	BZFZF		PS-4537
C	2.043	1.273	25	2.261	.640	VLFLF	B	PS-3215
C	2.043	1.375	25	2.250	.625	VLFLF	B	PS-1910
C	2.187	1.062	1	1.875	.437	QCFLF		PS-3274
D	2.000	1.000	3	1.875	.375	BCPKF		PS-6337
D	2.000	1.000	3	1.875	.375	BCPKF		PS-6339
D	2.000	1.000	3	1.875	.375	NCPKF		PS-3934
D	2.000	1.000	3	1.875	.375	VCPKF		PS-1632V
D	2.000	1.000	3	1.875	.437	BCFKF		PS-981
D	2.000	1.000	3	1.875	.437	VLFLF	316SS/H	PS-4091
D	2.000	1.000	3	1.937	.437	BCFKF		PS-326
D	2.000	1.000	3	1.937	.437	VCFKF		PS-326V
D	2.000	1.031	1	1.875	.437	VLFLF		PS-3032
D	2.000	1.062	—	—	—	BCF-F		FA-190
D	2.000	1.062	1	1.765	.365	BCFJF		PS-976
D	2.000	1.062	1	1.765	.365	BCFKF		PS-977
D	2.000	1.062	1	1.765	.365	VCFJF		PS-976V
D	2.000	1.062	2	1.875	.187	VCPFP		PS-6036
D	2.000	1.062	1	1.875	.437	BCFJF		PS-381
D	2.000	1.062	1	1.875	.437	BCFJF	I	PS-381-P66
D	2.000	1.062	1	1.875	.437	BCFKF		PS-383
D	2.000	1.062	1	1.875	.437	BLFLF		PS-381-SC-SC
D	2.000	1.062	1	1.875	.437	QCFJF		PS-381-EPR
D	2.000	1.062	1	1.875	.437	QCFLF	I	PS-3023
D	2.000	1.062	1	1.875	.437	QLFLF		PS-3555
D	2.000	1.062	1	1.875	.437	VCFJF		PS-381V-CMS
D	2.000	1.062	1	1.875	.437	VCFKF		PS-383V-CMS
D	2.000	1.062	3	1.875	.437	BCDLF	S	PS-4246
D	2.000	1.062	3	1.875	.437	BCFJF	S	PS-804
D	2.000	1.062	3	1.875	.437	BCFKF		PS-517
D	2.000	1.062	3	1.875	.437	BCFZF	S	PS-517-TC-SEAT
D	2.000	1.062	3	1.875	.437	QCFJF	I/S	PS-2659
D	2.000	1.062	3	1.875	.437	VCFJF	S	PS-381V
D	2.000	1.062	3	1.875	.437	VCFKF		PS-383V
D	2.000	1.062	3	1.875	.437	VCFKF	H	PS-3685
D	2.000	1.062	3	1.875	.437	VCFLF		PS-4073
D	2.000	1.062	3	1.875	.437	VCFLF	I	PS-4071
D	2.000	1.062	3	1.875	.437	VLFZF		PS-3629
D	2.000	1.062	1	2.000	.437	BCFJF		PS-510
D	2.000	1.062	25	2.250	.625	BCFJF		PS-416A
D	2.062	1.000	3	1.937	.437	XCPGP		PS-7245
D	2.062	1.062	2	1.875	.500	NCPGP		PS-3091
D	2.062	1.062	3	1.875	.437	BZFZF	316SS	PS-3759
D	2.062	1.062	3	1.875	.437	VLFLF		PS-4431
E	1.812	1.187	1	1.875	.437	BCFJF		PS-5200
E	1.812	1.187	1	1.875	.437	QCFLF	316SS	PS-3528
E	1.812	1.187	1	1.875	.437	VCFKF		PS-256V-CMS
E	1.812	1.187	3	1.875	.437	BCFKF		PS-256
E	1.812	1.625	—	—	—	BCF-F		FA-189
E	1.812	1.625	1	1.875	.437	BCFJF		PS-361
E	1.812	1.625	1	1.875	.437	BCFJF	I	PS-361-P66
E	1.812	1.625	1	1.875	.437	BCFKF		PS-137
E	1.812	1.625	1	1.875	.437	BCFZF		PS-4428
E	1.812	1.625	1	1.875	.437	BLFLF		PS-361-SC-SC

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING



# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.250 (1-1/4") (continued)</b>								
E	1.812	1.625	1	1.875	.437	BLFZF		PS-361-SC-TC
E	1.812	1.625	1	1.875	.437	NCPJP		PS-1185
E	1.812	1.625	1	1.875	.437	NCPKP		PS-108
E	1.812	1.625	1	1.875	.437	QCFJF		PS-361-EPR
E	1.812	1.625	1	1.875	.437	QCFJF	I	PS-361-EPR-P66
E	1.812	1.625	1	1.875	.437	QCFKF		PS-3872
E	1.812	1.625	1	1.875	.437	QCFLF	316SS	PS-3515
E	1.812	1.625	1	1.875	.437	VCFJF		PS-361V-CMS
E	1.812	1.625	1	1.875	.437	VCFJF	I	PS-361V-CMS-P66
E	1.812	1.625	1	1.875	.437	VCFKF		PS-137V-CMS
E	1.812	1.625	1	1.875	.437	VCFLF		PS-361V-SC-SEAT
E	1.812	1.625	1	1.875	.437	VFLFLF		PS-4538
E	1.812	1.625	1	1.875	.437	VLFZF		PS-361V-SC-TC-CMS
E	1.812	1.625	1	1.875	.437	VZFZF		PS-137V-TC-TC
E	1.812	1.625	3	1.875	.437	BCFKF		PS-264
E	1.812	1.625	3	1.875	.437	BCFKF	I	PS-1183-P66
E	1.812	1.625	3	1.875	.437	BCFV/JF	S	PS-546
E	1.812	1.625	3	1.875	.437	BCFZF	I/S	PS-264-TC-P66
E	1.812	1.625	3	1.875	.437	QCFKF	S	PS-3724
E	1.812	1.625	3	1.875	.437	QCFLF		PS-4306
E	1.812	1.625	3	1.875	.437	QCFZF	I/S	PS-3863
E	1.812	1.625	3	1.875	.437	VCFJF	S	PS-361V
E	1.812	1.625	3	1.875	.437	VCFKF		PS-137V
E	1.812	1.625	3	1.875	.437	VCFKF	I	PS-137V-P66
E	1.812	1.625	3	1.875	.437	VCFKF	316SS	PS-4396
E	1.812	1.625	3	1.875	.437	VCFLF	316SS	PS-4049
E	1.812	1.625	3	1.875	.437	VCFZF	S	PS-2657
E	1.812	1.625	3	1.875	.437	VFLFLF	S	PS-264V-SC-SC
E	1.812	1.625	1	2.000	.437	BCFJF	I	PS-6802
E	1.812	1.625	1	2.000	.437	BCFKF		PS-1186
E	1.812	1.625	1	2.000	.437	VCFZF	I	PS-3638
E	1.812	2.281	1	1.875	.437	BCFKF		PS-5366
E	1.812	2.281	3	1.875	.437	BCFJF	S	PS-2128
E	1.812	2.281	3	1.875	.437	BCFKF		PS-2129
E	1.812	2.281	3	1.875	.437	VCFKF		PS-2129V
E	1.812	2.281	3	1.875	.437	VCFZF	I	PS-7719
EB	1.812	1.937	3	1.750	.437	VCFZF	316SS	PS-3288
G	1.811	1.024	1	1.875	.437	BCFJF	316SS	PS-3883
G	1.811	1.024	1	1.875	.437	VFLFLF	316SS	PS-6265
G	1.811	1.062	1	1.875	.437	BLFLF	316SS	PS-7972
G	1.811	1.062	1	1.875	.437	QCFJF	316SS/I	PS-6261
G	1.811	1.062	1	1.875	.437	QCFZF	316SS/I	PS-6260
G	1.811	1.062	1	1.875	.437	VCFJF	316SS	PS-6259
G	1.811	1.062	1	1.875	.437	VCFJF	316SS/I	PS-6264
G	1.811	1.062	3	1.875	.437	BCFLF	316SS	PS-6266
K	1.923	1.734	1	1.875	.437	VFLFLF		PS-4179
K	1.937	1.625	1	1.875	.437	B/HCFJF		PS-1118
K	1.937	1.625	1	1.875	.437	BL/CFL/JF		PS-4282
K	1.937	1.625	1	1.875	.437	VCFKF		PS-228V-CMS
K	1.937	1.625	3	1.875	.437	BCFJF	316SS	PS-6229
K	1.937	1.625	3	1.875	.437	BCFKF		PS-228
K	1.937	1.625	3	1.875	.437	VCFKF		PS-228V
K	1.937	1.625	3	1.875	.437	VCFLF	S	PS-2810
K	1.937	1.750	1	1.875	.437	BCFJF		PS-883
K	1.937	1.750	1	1.875	.437	BZ/CFZ/JF		PS-7323
K	1.937	1.750	1	1.875	.437	VCFJF		PS-883V-CMS
K	1.937	1.875	1	1.875	.437	BCFKF		PS-890
K	1.937	1.875	1	1.875	.437	BLFLF		PS-4305
K	1.937	1.875	3	2.000	.375	BCFJF		PS-3184
K	1.937	2.000	3	2.125	.375	BCFJ/KF		PS-1623
R	2.000	1.875	3	1.875	.437	VZFLF	S	PS-3229
S	2.296	2.218	8	2.125	.281	NAPSP		PS-794
T	1.812	1.937	3	2.000	.312	BCKFK		PS-4377
T	1.812	2.375	1	1.875	.437	BCFJF		PS-1187
T	1.812	2.375	3	1.875	.437	BCFJF	S	PS-2211

**NOTE:** I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.250 (1-1/4") (continued)</b>								
T	1.812	2.375	3	1.875	.437	NAFGF		PS-3607
T	1.812	2.375	3	1.875	.437	NAFZF		PS-3084
T	1.812	2.375	3	1.875	.437	NCFGF	I	PS-4197
T	1.812	2.375	3	1.875	.437	NCPKP		PS-308
U	1.750	1.625	2	1.875	.437	BCPKF		PS-3973
U	1.750	1.625	3	1.875	.437	BCF/DKF		PS-394
U	1.750	1.625	3	1.875	.437	VCF/DKF		PS-394V
U	1.750	2.406	1	1.875	.437	BCD/FJF		PS-681
W	1.875	1.063	3	1.875	.437	T/VCFKF	316SS	PS-9719
WT	1.687	1.000	2	1.875	.359	TCFOF	316SS	PS-3611
WT	1.687	1.000	2	1.875	.375	TCFLF	316SS	PS-9659
WT	1.687	1.000	2	2.343	.375	TCFKF	316SS	PS-9003
X	1.875	1.062	28	2.832	.665	VCFKF	316SS	PS-8073
XB2	2.000	1.000	27	2.606	.960	VCFLF	316SS/I	PS-8095
<b>1.260 (32MM)</b>								
G	1.811	1.024	1	1.890	.276	VLFLF	316SS	PS-3150
<b>1.312 (1-5/16")</b>								
X	1.942	1.125	3	1.937	.437	VCFZF	316SS	PS-8592
<b>1.375 (1-3/8")</b>								
C	1.886	.850	3	2.000	.250	BCFKF	316SS	PS-5074
C	1.933	1.250	2	2.125	.375	NCFKF	316SS	PS-5003
C	1.937	.925	2	2.187	.375	B/VCFJF	316SS	PS-5676
C	1.937	.925	2	2.187	.375	B/VCFKF	316SS	PS-5711
C	1.937	.925	2	2.187	.375	VCFJF	316SS	PS-5676V
C	2.046	.850	3	2.000	.250	VCFGF		PS-6180
C	2.062	.900	25	2.000	.500	BCFJF		PS-929
C	2.062	.906	3 Special	2.000	.437	VCFGF		PS-3584
C	2.062	1.125	—	—	—	BCF-F		FA-177
C	2.062	1.125	—	—	—	BCF-F	I	FA-10166
C	2.062	1.125	—	—	—	NFF-F		FA-3730
C	2.062	1.125	—	—	—	QCF-F	I	FA-10165
C	2.062	1.125	—	—	—	VCF-F		FA-10041
C	2.062	1.125	—	—	—	VLF-F		FA-172VSC
C	2.062	1.125	1	2.000	.437	BCFJF		PS-177
C	2.062	1.125	1	2.000	.437	BCFJF	I	PS-177-P66
C	2.062	1.125	1	2.000	.437	BCFKF		PS-210
C	2.062	1.125	1	2.000	.437	BLFZF		PS-177-SC-TC-CMS
C	2.062	1.125	1	2.000	.437	NCFJF		PS-3230
C	2.062	1.125	1	2.000	.437	QCFJF		PS-177-EPR
C	2.062	1.125	1	2.000	.437	VCFJF		PS-177V-CMS
C	2.062	1.125	1	2.000	.437	VCFJF	I	PS-177V-CMS-P66
C	2.062	1.125	1	2.000	.437	VCFKF		PS-210V-CMS
C	2.062	1.125	1	2.000	.437	VCFLF		PS-177V-SC-SEAT
C	2.062	1.125	1	2.000	.437	VLFLF		PS-177V-SC-SC
C	2.062	1.125	1	2.000	.437	VZFFZ		PS-210V-TC-TC
C	2.062	1.125	3	2.000	.437	BCFJF	S	PS-805
C	2.062	1.125	3	2.000	.437	BCFKF	S	PS-547
C	2.062	1.125	3	2.000	.437	BCFKF	I/S	PS-547-P66
C	2.062	1.125	3	2.000	.437	BLFLF	S	PS-547-SC-SC
C	2.062	1.125	3	2.000	.437	BZFZF	S	PS-547-TC-TC
C	2.062	1.125	3	2.000	.437	B/VLFLF		PS-7919
C	2.062	1.125	3	2.000	.437	QCFKF	S	PS-210-EPR
C	2.062	1.125	3	2.000	.437	QCFLF	S	PS-210-EPR-SC-SEAT
C	2.062	1.125	3	2.000	.437	QCFLF	I/S	PS-210-EPR-P66-SC
C	2.062	1.125	3	2.000	.437	QCFZF	I/S	PS-3038
C	2.062	1.125	3	2.000	.437	QLFLF	S	PS-4328
C	2.062	1.125	3	2.000	.437	VCFJF	S	PS-177V
C	2.062	1.125	3	2.000	.437	VCFJF	I/S	PS-177V-P66
C	2.062	1.125	3	2.000	.437	VCFKF	S	PS-210V
C	2.062	1.125	3	2.000	.437	VCFKF	I	PS-3213
C	2.062	1.125	3	2.000	.437	VCFLF	S	PS-210V-SC-SEAT
C	2.062	1.125	3	2.000	.437	VCFZF	S	PS-210V-TC-SEAT
C	2.062	1.125	3	2.000	.437	VLFZF	S	PS-210V-SC-TC

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.375 (1-3/8") (continued)</b>								
C	2.062	1.125	3	2.000	.437	VZFLF	S	PS-210V-TC-SC
C	2.062	1.125	1	2.125	.437	BLFLF		PS-4238
C	2.062	1.125	3	2.125	.437	QCFKF		PS-4057
C	2.062	1.125	3	2.125	.437	VCFJF		PS-6775V
C	2.062	1.156	3	2.125	.406	VCFKF		PS-1062
C	2.062	1.187	1	2.000	.437	QCFZF		PS-3689
C	2.062	1.187	1	2.125	.375	BCFJF		PS-4044
C	2.062	1.187	1	2.125	.437	BCFJF		PS-7199
C	2.062	1.187	1	2.125	.437	BCFKF		PS-467
C	2.062	1.500	1	2.000	.437	VZFLF	C	PS-4575
C	2.062	1.687	1	2.000	.437	BCFJF		PS-2134
C	2.062	1.687	1	2.000	.437	BCFJF	I	PS-2134-P66
C	2.062	1.687	1	2.000	.437	BCFKF		PS-1667
C	2.062	1.687	1	2.000	.437	QCFKF		PS-1667-EPR
C	2.062	1.687	1	2.000	.437	VCFJF	I	PS-2134V-CMS-P66
C	2.062	1.687	1	2.000	.437	VCFKF		PS-1667V
CB	2.062	1.437	—	—	—	BCF-F		FA-4268
CB	2.062	1.437	1	1.875	.437	QCFJF		PS-7696
CB	2.062	1.437	3	1.875	.437	BCFJF	S	PS-7697
CB	2.062	1.437	3	1.875	.437	BCFKF		PS-7795
CB	2.062	1.437	3	1.875	.437	BCFZF	S	PS-3587
CB	2.062	1.437	3	1.875	.437	VCFKF		PS-7695
CB	2.062	1.437	3	1.875	.437	VCFKF	S	PS-4119
CB	2.062	1.437	3	1.875	.437	VCFZF	S	PS-7697V-TC-SEAT
CB	2.062	1.437	3	1.875	.437	VCFZF	I/S	PS-2704
D	2.187	1.093	25	2.000	.500	BCDJF		PS-404
D	2.187	1.125	—	—	—	BCD-F		FA-186
D	2.187	1.125	—	—	—	QCD-F	I	FA-376E
D	2.187	1.125	1	2.000	.437	BCDJF		PS-491
D	2.187	1.125	1	2.000	.437	BCDJF	I	PS-491-P66
D	2.187	1.125	1	2.000	.437	BCDKF		PS-186
D	2.187	1.125	1	2.000	.437	BCFJF		PS-2045
D	2.187	1.125	1	2.000	.437	BCFKF		PS-2046
D	2.187	1.125	1	2.000	.437	BCFZF		PS-4117
D	2.187	1.125	1	2.000	.437	QCDJF		PS-491-EPR
D	2.187	1.125	1	2.000	.437	QCDFL		PS-186-EPR-SC-SEAT
D	2.187	1.125	1	2.000	.437	VCDJF		PS-491V-CMS
D	2.187	1.125	1	2.000	.437	VCDJF	I	PS-491V-CMS-P66
D	2.187	1.125	1	2.000	.437	VCFKF		PS-186V-CMS
D	2.187	1.125	1	2.000	.437	VLFLF		PS-4194
D	2.187	1.125	3	2.000	.437	BCDJF	S	PS-806
D	2.187	1.125	3	2.000	.437	BCDKF	S	PS-807
D	2.187	1.125	3	2.000	.437	BCFJF	S	PS-2047
D	2.187	1.125	3	2.000	.437	BCFKF	S	PS-2048
D	2.187	1.125	3	2.000	.437	VCDJF	S	PS-491V
D	2.187	1.125	3	2.000	.437	VCDKF	S	PS-186V
D	2.187	1.125	3	2.000	.437	VCFJF	S	PS-2047V
D	2.187	1.125	3	2.000	.437	VCFZF	S	PS-186V-TC-SEAT
D	2.187	1.256	3	2.000	.437	VCP/FKF	S	PS-4123
D	2.250	1.006	3	2.000	.218	VCPSF		PS-6048
D	2.250	1.125	1	2.000	.437	BCDZF		PS-3932
D	2.250	1.125	1	2.000	.437	QCDZF	I	PS-7803
D	2.250	1.125	3 Special	2.000	.437	VCFJF	316SS	PS-3216
DB	2.250	1.437	1	1.875	.437	BCFJF		PS-3974
DB	2.250	1.437	1	1.875	.437	BCFKF		PS-7798
DB	2.250	1.437	1	1.875	.437	BCFZF		PS-4200
DB	2.250	1.437	1	1.875	.437	VCFJF		PS-3974V
E	1.687	1.625	3	2.125	.437	VCFJF	316SS/C	PS-3792
E	1.875	1.187	1	2.000	.437	QLFLF		PS-257E-SC-SC-CMS
E	1.875	1.187	3	2.000	.437	BCFKF	S	PS-257
E	1.875	1.187	3	2.000	.437	VCFKF	S	PS-257V
E	1.875	1.625	3	2.125	.437	VCFLF	316SS/C	PS-3783
E	1.875	1.625	3	2.125	.437	VCFZF	316SS/C	PS-4452
E	1.875	1.687	—	—	—	BCF-F		FA-354
E	1.875	1.687	—	—	—	VCF-F		FA-2104V

**NOTE:** C. COMPLETE WITH COLLAR  
 I. ABRASION RESISTANT CARBON (P66)  
 S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.375 (1-3/8") (continued)</b>								
E	1.875	1.687	1	2.000	.437	BCFJF		PS-354
E	1.875	1.687	1	2.000	.437	BCFJF	I	PS-354-P66
E	1.875	1.687	1	2.000	.437	BCFKF		PS-677
E	1.875	1.687	1	2.000	.437	BZFFZ		PS-677-TC-TC-CMS
E	1.875	1.687	1	2.000	.437	QCFJF	I	PS-354-EPR-P66
E	1.875	1.687	1	2.000	.437	QCFLF	I	PS-354-EPR-SC-P66
E	1.875	1.687	1	2.000	.437	VCFJF		PS-354V-CMS
E	1.875	1.687	1	2.000	.437	VCFJF	I	PS-354V-CMS-P66
E	1.875	1.687	1	2.000	.437	VZFFZ		PS-4552
E	1.875	1.687	3	2.000	.437	BCFJF	S	PS-864
E	1.875	1.687	3	2.000	.437	BCFKF	S	PS-865
E	1.875	1.687	3	2.000	.437	BCFKF	I/S	PS-865-P66
E	1.875	1.687	3	2.000	.437	BCFLF	S	PS-865-SC-SEAT
E	1.875	1.687	3	2.000	.437	VCFJF	S	PS-354V
E	1.875	1.687	3	2.000	.437	VCFJF	I/S	PS-354V-P66
E	1.875	1.687	3	2.000	.437	VCFKF	S	PS-677V
E	1.875	1.687	3	2.000	.437	VLFLF	S	PS-865V-SC-SC
E	1.875	1.687	3	2.000	.437	VLFZF	S	PS-865V-SC-TC
E	1.875	1.687	3	2.000	.437	VZFLF	S	PS-865V-TC-SC
E	1.875	1.687	3	2.125	.437	VCFJF	S	PS-3925
E	1.875	1.687	3	2.125	.437	VCFJF	316SS/S	PS-3878
E	1.875	1.687	3	2.125	.437	VCFLF		PS-3984
E	1.875	1.687	3	2.125	.437	VCFZF		PS-3087
E	1.875	2.031	—	—	—	QCF-F	316SS/C/I	FA-4163
E	1.875	2.031	—	—	—	VCF-F	316SS/C	FA-4087
E	1.875	2.031	3	2.000	.437	BCFJF	316SS/C/H/S	PS-3218
E	1.875	2.031	3	2.000	.437	QCFJF	316SS/C/S	PS-4566
E	1.875	2.031	3	2.000	.437	VCFJF	316SS/C/H/S	PS-3901
E	1.875	2.031	3	2.000	.437	VCFLF	316SS/C/H/S	PS-3205
E	1.875	2.031	3	2.000	.437	VCFZF	316SS/C/S	PS-4574
E	1.875	2.031	3	2.000	.437	VLFLF	C/S	PS-4277
E	1.875	2.031	3	2.000	.437	XLFLF	316SS/S	PS-4384
E	2.000	2.031	3	2.000	.437	XZFLF	316SS/C/S	PS-4433
EB	1.875	2.000	1	1.875	.437	BCFKF		PS-3954
EB	1.875	2.000	3	1.875	.437	BCFJF	S	PS-7702
EB	1.875	2.000	3	1.875	.437	BCFKF		PS-3991
EB	1.875	2.000	3	1.875	.437	BCFKF	S	PS-4170
EB	1.875	2.000	3	1.875	.437	BCFZF	S	PS-4145
EB	1.875	2.000	3	1.875	.437	QCFZF	316SS/S	PS-3799
EB	1.875	2.000	3	1.875	.437	VCFKF	316SS/S	PS-4420
EB	1.875	2.000	3	1.875	.437	VCFZF	I/S	PS-3769
G	1.929	1.024	1	2.000	.437	BCFJF	316SS	PS-7971
G	1.929	1.024	1	2.000	.437	BLFZF	316SS	PS-3014
G	1.929	1.024	3	2.000	.437	QCFLF	316SS/S	PS-3086
G	1.929	1.024	25	2.000	.437	VLFLF	316SS	PS-3015
K	2.062	1.625	1	2.000	.437	BCFJF		PS-495
K	2.062	1.625	1	2.000	.437	QCFJF		PS-495-EPR
K	2.062	1.625	1	2.000	.437	VCFJF		PS-3117
K	2.062	1.625	3	2.000	.437	VCFJF	S	PS-3196
Q	2.515	.908	9	2.000	.281	BMPAP		PS-3854
Q	2.515	.908	9	2.000	.281	VMPSP		PS-6317
R	2.187	2.187	1	2.000	.437	BCDJF		PS-178
T	1.875	2.437	1	2.000	.437	BCFJF		PS-725
T	1.875	2.437	1	2.000	.437	BCFKF		PS-726
T	1.875	2.437	1	2.000	.437	VCFJF		PS-725V
T	1.875	2.437	1	2.000	.437	VCFJF	316SS	PS-4456
T	1.875	2.437	3	2.000	.437	VZFFZ	316SS/S	PS-3541
T	1.875	2.687	3	2.000	.437	VCFJF	316SS/S	PS-4515
T	1.875	2.812	3	2.000	.437	VCFJF	316SS/S	PS-4206
U	1.875	2.125	1	2.000	.437	BCFKF		PS-561SS
U	1.875	2.125	3	2.000	.437	VCFKF	S	PS-561V
V	1.937	1.937	25	2.140	.437	BCFJF		PS-1104
V	1.937	2.000	3	2.140	.406	BCFJF		PS-3198
W	2.000	1.125	2	2.000	.437	Special	316SS	PS-9317
W	2.000	1.125	27 Special	2.656	.625	QCFJF	316SS	PS-9016

**NOTE:** C. COMPLETE WITH COLLAR  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.375 (1-3/8") (continued)</b>								
WT	1.937	1.062	—	—	—	TCF-F	316SS	FA-9341
WT	1.937	1.062	—	—	—	TCF-F	316SS	FA-9328
WT	1.937	1.062	3	2.000	.437	T/VCFJF	316SS/S	PS-9021
WT	1.937	1.062	3	2.000	.437	T/VCFKF	316SS/S	PS-9706
WT	1.937	1.062	3	2.125	.437	T/VCFKF	316SS	PS-9150
WT	1.937	1.062	27	2.375	1.000	TCFJF	316SS	PS-7103
X1T	1.937	1.062	3	2.000	.437	QCFJF	316SS/S	PS-8135
XT	1.937	1.062	3	2.125	.437	VCFJF	316SS	PS-8048
XB2	2.250	1.115	3	2.000	.437	VCFJF	316SS	PS-8110
X Special	3.500	.701	Special	1.875	.312	B/NCPGF		PS-4134
<b>1.437 (1-7/16")</b>								
C	2.125	1.125	3	2.250	.625	BCFKF		PS-2156
C	2.125	1.125	3	2.250	.625	VCFKF		PS-2156V
C	2.125	1.125	Special	2.718	.654	VCFGF		PS-7367
C	2.125	1.250	3	2.250	.375	BCFKF		PS-7105
C	2.125	1.250	3	2.250	.375	VCFKF		PS-7105V
D	2.250	1.093	3	2.062	.437	VCPKF		PS-4455
E	1.937	1.219	3	2.250	.375	BCPKF		PS-4189
E	1.937	1.219	3	2.250	.375	VCPKF		PS-4189V
E	1.937	1.244	3	2.375	.531	VCFLF		PS-4140
E	1.937	1.250	3	2.250	.375	BCPKP		PS-1634
E	1.937	1.250	3	2.250	.375	VCPKF		PS-1634V
E	1.937	1.688	3	2.062	.437	BCFJF		PS-705
E	1.937	1.688	3	2.062	.437	BCFKF		PS-2234
E	1.937	1.688	3	2.062	.437	VCFKF		PS-2234V
E	1.937	1.688	3	2.125	.437	VCPKF		PS-4067
E	1.937	1.688	3	2.171	.437	BCPKF		PS-6340
E	1.937	1.688	3	2.171	.437	VCPKF		PS-6342
E	1.937	1.688	28	2.718	.654	VCPGP		PS-6055
E	2.110	1.516	3	2.312	.360	BAPKF		PS-3080
E	2.110	1.516	3	2.312	.360	BCPKF		PS-3848
E	2.110	1.516	3	2.312	.360	NCPKF		PS-943
E	2.110	1.516	3	2.312	.360	NCPKF		PS-6344
E	2.110	1.516	3	2.312	.360	VCPKF		PS-6338
R	2.250	1.625	3	2.062	.437	VCFKF		PS-4400
T	2.109	2.125	3	2.187	.375	NCPKF		PS-1633
W	2.062	1.125	3	2.250	.625	T/VCFKF		PS-9302
W	2.062	1.125	2	2.312	.421	TCFKF		PS-9227
W	2.062	1.125	2	2.312	.421	TCFOF		PS-9307
W	2.062	1.125	2 Special	2.312	.421	Special	316SS	PS-9707
W	2.062	1.125	Special	2.484	.675	TCFKF	316SS	PS-9330
W	2.062	1.125	27	2.687	.625	Special	316SS	PS-9717
W	2.062	1.125	27	2.687	.625	TCFKF	316SS	PS-9304
W	2.062	1.125	27	2.687	.625	TCFLF	316SS	PS-9721
W	2.062	1.125	28	2.687	.625	Special	316SS	PS-9331
X	2.062	1.125	5	2.125	.437	VCFZF	316SS	PS-8044
X	2.062	1.125	27 Special	2.718	.656	VCFZF	316SS	PS-6056
XB Special	2.125	1.125	27 Special	2.687	.625	VCFKF	316SS	PS-8131
XB2	2.187	1.000	3	2.125	.312	BCFKF	316SS	PS-8111
XB5	2.125	1.500	3	1.937	.437	Special	316SS	PS-8079
<b>1.500 (1-1/2")</b>								
C	2.062	1.125	2	2.125	.423	BCFKF		PS-5720
C	2.062	1.125	3	2.125	.437	VRFRF	316SS	PS-5727
C	2.187	.906	3 Special	2.125	.437	VCFGF		PS-3943
C	2.187	1.125	—	—	—	BCF-F		FA-1850
C	2.187	1.125	—	—	—	QCF-F	I	FA-2755
C	2.187	1.125	—	—	—	VCF-F		FA-10043
C	2.187	1.125	1	2.125	.437	BCFJF		PS-2705
C	2.187	1.125	1	2.125	.437	BCFJF		PS-758
C	2.187	1.125	1	2.125	.437	BCFJF	I	PS-758-P66
C	2.187	1.125	1	2.125	.437	BCFJF	B/H	PS-347
C	2.187	1.125	1	2.125	.437	BCFJF	B/H/I	PS-347-P66
C	2.187	1.125	1	2.125	.437	BCFKF		PS-659
C	2.187	1.125	1	2.125	.437	BCFKF	B/H	PS-378

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.500 (1-1/2") (continued)</b>								
C	2.187	1.125	1	2.125	.437	BCFKF	I	PS-2232
C	2.187	1.125	1	2.125	.437	BCFLF		PS-758-SC-SEAT
C	2.187	1.125	1	2.125	.437	BCFZF		PS-659-TC
C	2.187	1.125	1	2.125	.437	BLFLF		PS-758-SC-SC
C	2.187	1.125	1	2.125	.437	BLFZF		PS-758-SC-TC-CMS
C	2.187	1.125	1	2.125	.437	BZFLF	316SS	PS-3166
C	2.187	1.125	1	2.125	.437	BZFZF		PS-2209
C	2.187	1.125	1	2.125	.437	QCFJF		PS-758-EPR-CMS
C	2.187	1.125	1	2.125	.437	QCFJF	I	PS-7953
C	2.187	1.125	1	2.125	.437	QCFJF	I	PS-4171
C	2.187	1.125	1	2.125	.437	QCFKF		PS-7413
C	2.187	1.125	1	2.125	.437	QCFLF	I	PS-7953-SC-SEAT
C	2.187	1.125	1	2.125	.437	QCFZF		PS-3224
C	2.187	1.125	1	2.125	.437	QCFZF	I	PS-7632
C	2.187	1.125	1	2.125	.437	QLFLF		PS-7937
C	2.187	1.125	1	2.125	.437	VCFJF		PS-758V-CMS
C	2.187	1.125	1	2.125	.437	VCFJF	I	PS-758V-P66-CMS
C	2.187	1.125	1	2.125	.437	VCFJF	I	PS-3165
C	2.187	1.125	1	2.125	.437	VCFJF	B/H	PS-347V-CMS
C	2.187	1.125	1	2.125	.437	VCFJF	316SS	PS-7409
C	2.187	1.125	1	2.125	.437	VCFKF	I	PS-659V-CMS-P66
C	2.187	1.125	1	2.125	.437	VCFKF	I	PS-3141
C	2.187	1.125	1	2.125	.437	VCFKF		PS-659V-CMS
C	2.187	1.125	1	2.125	.437	VCFKF	B/H	PS-378V-CMS
C	2.187	1.125	1	2.125	.437	VCFLF		PS-758V-SC-SEAT
C	2.187	1.125	1	2.125	.437	VCFZF	I	PS-7747
C	2.187	1.125	1	2.125	.437	VLFLF		PS-758V-SC-SC
C	2.187	1.125	1	2.125	.437	VLFLF	316SS	PS-3252
C	2.187	1.125	1	2.125	.437	VLFZF		PS-7792V-CMS
C	2.187	1.125	1	2.125	.437	VZFLF		PS-758V-TC-SC-CMS
C	2.187	1.125	1	2.125	.437	VZFZF		PS-659V-TC-VS-TC
C	2.187	1.125	3	2.125	.437	BCFJF	S	PS-816
C	2.187	1.125	3	2.125	.437	BCFKF		PS-553
C	2.187	1.125	3	2.125	.437	BCFKF	S	PS-3174
C	2.187	1.125	3	2.125	.437	BCFKF	I/S	PS-7674
C	2.187	1.125	3	2.125	.437	BLFLF	S	PS-3101
C	2.187	1.125	3	2.125	.437	BZFZF	S	PS-2217
C	2.187	1.125	3	2.125	.437	QCFJF	S	PS-758-EPR
C	2.187	1.125	3	2.125	.437	QCFKF		PS-553-EPR
C	2.187	1.125	3	2.125	.437	QCFZF	S	PS-3248
C	2.187	1.125	3	2.125	.437	QCFZF	I/S	PS-3160
C	2.187	1.125	3	2.125	.437	QCFZF	S	PS-4438
C	2.187	1.125	3	2.125	.437	VCFJF	S	PS-758V
C	2.187	1.125	3	2.125	.437	VCFJF	I/S	PS-4212
C	2.187	1.125	3	2.125	.437	VCFKF		PS-659V
C	2.187	1.125	3	2.125	.437	VCFKF	I	PS-659V-P66
C	2.187	1.125	3	2.125	.437	VCFKF	S	PS-7975
C	2.187	1.125	3	2.125	.437	VCFLF	S	PS-2223-SC-SEAT
C	2.187	1.125	3	2.125	.437	VCFZF	S	PS-2223
C	2.187	1.125	3	2.125	.437	VCFZF	316SS/S	PS-3704
C	2.187	1.125	3	2.125	.437	VLFLF	S	PS-3736
C	2.187	1.125	3	2.125	.437	VLFZF	S	PS-4447
C	2.187	1.125	1	2.156	.437	BCFJF		PS-7694
C	2.187	1.125	1	2.156	.437	BCFJF	B/H	PS-682
C	2.187	1.125	1	2.156	.437	BCFKF	B/H	PS-247
C	2.187	1.125	1	2.250	.437	BCFJF		PS-320
C	2.187	1.125	3	2.312	.437	BCFJF		PS-926
C	2.187	1.125	3	2.500	.500	BZFZF	S	PS-7131
C	2.187	1.125	Special	2.740	.875	BCFKF		PS-3979
C	2.187	1.437	3 Special	2.125	.437	NCFGF		PS-192
C	2.187	1.687	1	2.125	.437	BCFJF		PS-7201
C	2.187	1.687	3	2.125	.437	BCFJF	S	PS-7166
C	2.187	1.687	3	2.125	.437	BCFKF		PS-1110
C	2.187	1.687	3	2.125	.437	QCFKF		PS-2221
C	2.187	1.687	3	2.125	.437	VCFKF		PS-1110V

**NOTE:** B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.500 (1-1/2") (continued)</b>								
C	2.187	1.687	3	2.125	.443	BCFZF	S	PS-3279
C	2.187	1.687	3	2.125	.443	VCFJF	S	PS-2714
C	2.312	1.093	1	2.125	.437	VCFJF	B/H	PS-3813
C	2.312	1.093	1	2.125	.437	VCFKF	B/H	PS-4482
C	2.312	1.093	3	2.125	.437	NLFLF	B/S	PS-3249
CB	2.187	1.437	3	2.000	.437	BCFJF	S	PS-3880
D	2.312	1.093	2	2.125	.500	BCDKF		PS-3136
D	2.312	1.125	—	—	—	BCF-F		FA-200
D	2.312	1.125	1	2.125	.437	BCFJF		PS-382
D	2.312	1.125	1	2.125	.437	BCFJF	I	PS-382-P66
D	2.312	1.125	1	2.125	.437	BCFKF		PS-371
D	2.312	1.125	1	2.125	.437	QCCKF		PS-371-EPR
D	2.312	1.125	1	2.125	.437	VCFKF		PS-371V-CMS
D	2.312	1.125	1	2.125	.437	VLFLF		PS-3642
D	2.312	1.125	3	2.125	.437	BCFJF	S	PS-817
D	2.312	1.125	3	2.125	.437	BCFKF		PS-534
D	2.312	1.125	3	2.125	.437	VCFKF		PS-371V
D	2.312	1.125	3	2.125	.437	VLFLF	S	PS-371V-SC-SC
D	2.312	1.125	3	2.125	.437	XLZFZ	S	PS-4365
D	2.312	1.125	1	2.156	.437	BCFJF		PS-283
D	2.312	1.236	1	2.125	.437	BCFLF	316SS	PS-3284
D	2.312	1.125	3	2.125	.443	XLFLF	316SS/S	PS-3303
D	2.375	1.000	3	2.187	.437	BCFGF		PS-4363
D	2.375	1.119	3	2.125	.443	BLFLE	S	PS-7874
D	2.375	1.125	3	2.125	.437	B/VCPKP	S	PS-4546
D	2.375	1.125	Special	2.375	.618	VZFZF		PS-7079
D	2.375	1.619	—	—	—	NCF-F		FA-2754
D	2.375	1.619	—	—	—	NLF-F		FA-2752
D Special	2.375	1.094	3	2.125	.437	XLFLF	S	PS-4423
D Special	2.375	1.689	3	2.110	.437	NLFLF		PS-2706
E	2.000	1.187	1	2.125	.437	QCFLF		PS-259-EPR-CMS-SC
E	2.000	1.187	3	2.125	.437	BCFKF		PS-259
E	2.000	1.688	—	—	—	BCF-F		FA-305
E	2.000	1.688	—	—	—	BCF-F	I	FA-10167
E	2.000	1.688	—	—	—	VCF-F		FA-305V
E	2.000	1.688	3	2.000	.437	BCFJF		PS-314
E	2.000	1.688	3	2.000	.437	BCFKF		PS-316
E	2.000	1.688	1	2.125	.437	BCFJF		PS-305
E	2.000	1.688	1	2.125	.437	BCFJF	I	PS-305-P66
E	2.000	1.688	1	2.125	.437	BCFKF		PS-374
E	2.000	1.688	1	2.125	.437	BCFKF	I	PS-374-P66
E	2.000	1.688	1	2.125	.437	BLFLF		PS-305-SC-SC
E	2.000	1.688	1	2.125	.437	BZFZF		PS-4354
E	2.000	1.688	1	2.125	.437	QCFJF		PS-305-EPR
E	2.000	1.688	1	2.125	.437	QCFJF	I	PS-305-EPR-P66
E	2.000	1.688	1	2.125	.437	QCFZF	I	PS-7933
E	2.000	1.688	1	2.125	.437	QLFLF		PS-4407
E	2.000	1.688	1	2.125	.437	VCFJF		PS-305V-CMS
E	2.000	1.688	1	2.125	.437	VCFJF	I	PS-305V-CMS-P66
E	2.000	1.688	1	2.125	.437	VCFKF		PS-374V-CMS
E	2.000	1.688	1	2.125	.437	VCFZF		PS-305V-TC-SEAT
E	2.000	1.688	1	2.125	.437	VLFLF		PS-305V-SC-SC-CMS
E	2.000	1.688	1	2.125	.437	VZFZF		PS-305V-TC-TC
E	2.000	1.688	3	2.125	.437	BCFJF	S	PS-395
E	2.000	1.688	3	2.125	.437	BCFKF		PS-258
E	2.000	1.688	3	2.125	.437	B/VZFZF	S	PS-7491
E	2.000	1.688	3	2.125	.437	BZFLF	S	PS-258-TC-SC
E	2.000	1.688	3	2.125	.437	NCFKF		PS-224
E	2.000	1.688	3	2.125	.437	QCFJF	S	PS-395-EPR
E	2.000	1.688	3	2.125	.437	QCCKF		PS-5259
E	2.000	1.688	3	2.125	.437	QCFLF	I/S	PS-7504
E	2.000	1.688	3	2.125	.437	QCFZF	I/S	PS-4167
E	2.000	1.688	3	2.125	.437	QCFZF	I/S	PS-7562
E	2.000	1.688	3	2.125	.437	QCFZF	C/I/S	PS-7930
E	2.000	1.688	3	2.125	.437	QLFLF	S	PS-4459

**NOTE:** B. TAPERED SPRING  
 C. COMPLETE WITH COLLAR  
 H. SPRING HOLDER NOT INCLUDED  
 I. ABRASION RESISTANT CARBON (P66)  
 S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.500 (1-1/2") (continued)</b>								
E	2.000	1.688	3	2.125	.437	VCFJF	S	PS-305V
E	2.000	1.688	3	2.125	.437	VCFJF	I/S	PS-305V-P66
E	2.000	1.688	3	2.125	.437	VCFKF		PS-374V
E	2.000	1.688	3	2.125	.437	VCFKF	I	PS-258V-P66
E	2.000	1.688	3	2.125	.437	VCFLF		PS-3161
E	2.000	1.688	3	2.125	.437	VCFLF	S	PS-395V-SC-SEAT
E	2.000	1.688	3	2.125	.437	VCFZF	S	PS-1646
E	2.000	1.688	3	2.125	.437	VCFZF	I/S	PS-7889
E	2.000	1.688	3	2.125	.437	VLFLF	316SS/S	PS-3282
E	2.000	1.688	5	2.125	.437	QCFZF	I	PS-4368
E	2.000	1.688	5	2.125	.437	QZFLF		PS-7609
E	2.000	1.688	1	2.250	.437	BCFJF		PS-2117
E	2.000	1.688	3	2.250	.437	BCFJF		PS-515
E	2.000	1.688	3	2.250	.437	VCFJF		PS-515V
E	2.000	1.688	3	2.312	.437	BCFZF		PS-4034
E	2.000	1.688	3	2.312	.437	B/VCFJF		PS-1647
E	2.000	1.688	3	2.312	.437	B/VCFKF	S	PS-1648
E	2.000	1.688	3	2.312	.437	VCFJF		PS-1651
E	2.000	1.688	3	2.312	.437	VCFKF		PS-1652
E	2.000	1.688	3	2.500	.500	VCFZF	S	PS-4201
E	2.000	2.062	3	2.312	.437	BCFJF		PS-620
E	2.000	2.062	3	2.312	.437	BCFKF		PS-629
E	2.000	2.062	3	2.312	.437	VCFJF		PS-620V
E	2.000	2.062	3	2.312	.437	VCFKF		PS-1691
E	2.000	2.062	3	2.312	.437	VCFZF		PS-1692
E	2.154	2.054	Plate	Plate	Plate	NCPGP		PS-6058
EB	2.000	2.000	3	2.000	.437	BCFJF		PS-4473
EB	2.000	2.000	3	2.000	.437	BCFKF	S	PS-4317
EB	2.000	2.000	3	2.000	.437	QCFJF	I	PS-4088
EB	2.000	2.000	3	2.000	.437	VCFZF	I/S	PS-3615
EB	2.000	2.062	3	2.125	.437	VCFJF		PS-4476
G	2.125	1.181	1	2.125	.437	VCFJF	316SS	PS-3992
K	2.171	1.625	3	2.375	.437	BCFJF		PS-3558
K	2.187	1.625	1	2.125	.437	BCFJF		PS-541
K	2.187	1.625	1	2.125	.437	BCFKF		PS-884
K	2.187	1.625	3	2.125	.437	VCFJF	S	PS-541V
K	2.187	1.625	3	2.500/2.125	.437	VLFLF	S	PS-3972
K	2.187	1.875	1	2.125	.437	BCFJF		PS-3128
K	2.187	1.875	1	2.125	.437	BCFKF		PS-3130
R	2.312	1.875	1	2.125	.437	BCFJF		PS-431
R	2.312	1.875	1	2.125	.437	BCFKF		PS-432
T	2.000	2.437	1	2.125	.437	BCFJF		PS-868
W	2.125	1.125	2	2.125	.437	TCFJF	316SS	PS-7587
W	2.125	1.125	25	2.125	.437	TCFZF	316SS	PS-9353
W	2.125	1.125	27	2.781	.875	TCFJF	316SS	PS-9318
WT Dbl.	1.942	2.250	3	2.375	.437	VCFJF	316SS	PS-9713
X	2.125	1.125	5	2.133	.437	QCFZF	316SS	PS-8600
XB2	2.250	1.000	—	—	—	VCF-F	316SS	FA-8201
XB2	2.250	1.000	3 Special	2.125	.437	VCFJF	316SS	PS-8109
X Special	2.312	.937	3	2.125	.437	BCFJF	S	PS-8002
<b>1.562 (1-9/16")</b>								
E	2.250	1.688	3	2.375	.500	BCFJF	S	PS-664
Special	2.625	.937	Special	2.250	.406	NCPGF		PS-2707
<b>1.625 (1-5/8")</b>								
C	2.479	1.312	1	2.375	.500	BCFJF	B	PS-3831
C	2.500	1.062	3	2.375	.375	VCFKF		PS-6005
C	2.500	1.125	3 Special	2.375	.500	VCFKF		PS-3939
C	2.500	1.312	25	2.500	.812	B/VCFJF		PS-7497
C	2.500	1.312	25	2.500	.812	VCFJF		PS-7497V
C	2.500	1.375	—	—	—	BCF-F		FA-1620
C	2.500	1.375	1	2.375	.500	BCFJF		PS-238
C	2.500	1.375	1	2.375	.500	BCFJF	I	PS-238-P66
C	2.500	1.375	1	2.375	.500	BCFJF		PS-4597
C	2.500	1.375	1	2.375	.500	BCFJF	316SS	PS-4525



# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.625 (1-5/8") (continued)</b>								
C	2.500	1.375	1	2.375	.500	BCFKF		PS-239
C	2.500	1.375	1	2.375	.500	BCFKF	I	PS-239-P66
C	2.500	1.375	1	2.375	.500	BCFLF		PS-4389
C	2.500	1.375	1	2.375	.500	BCFLF	I	PS-3967
C	2.500	1.375	1	2.375	.500	BLFLF		PS-238-SC-SC
C	2.500	1.375	1	2.375	.500	BLFZF		PS-238-SC-TC-CMS
C	2.500	1.375	1	2.375	.500	BZFLF		PS-3145
C	2.500	1.375	1	2.375	.500	BZFZF		PS-3664
C	2.500	1.375	1	2.375	.500	QCFJF		PS-238-EPR
C	2.500	1.375	1	2.375	.500	QCFKF		PS-3616
C	2.500	1.375	1	2.375	.500	QCFLF		PS-238-EPR-SC
C	2.500	1.375	1	2.375	.500	QCFZF		PS-3058
C	2.500	1.375	1	2.375	.500	VCFJF		PS-7902
C	2.500	1.375	1	2.375	.500	VCFJF		PS-238V-CMS
C	2.500	1.375	1	2.375	.500	VCFJF	316SS	PS-238V-CMS-316SS
C	2.500	1.375	1	2.375	.500	VCFKF		PS-239V-CMS
C	2.500	1.375	1	2.375	.500	VCFLF		PS-238V-SC-CMS
C	2.500	1.375	1	2.375	.500	VCFZF	I	PS-238V-P66-TC
C	2.500	1.375	1	2.375	.500	VCFZF	316SS/I	PS-3543
C	2.500	1.375	1	2.375	.500	VLFLF		PS-7806
C	2.500	1.375	1	2.375	.500	VLFLF	316SS	PS-3294
C	2.500	1.375	1	2.375	.500	VZFLF		PS-238V-TC-SC-CMS
C	2.500	1.375	1	2.375	.500	VZFLF	316SS	PS-2749
C	2.500	1.375	1	2.375	.500	VZFZF		PS-3144
C	2.500	1.375	3	2.375	.500	BCFJF	S	PS-818
C	2.500	1.375	3	2.375	.500	BCFJF	I/S	PS-818-P66
C	2.500	1.375	3	2.375	.500	BCFKF	S	PS-544
C	2.500	1.375	3	2.375	.500	QCFKF	S	PS-239-EPR
C	2.500	1.375	3	2.375	.500	QCFKF	I/S	PS-7017
C	2.500	1.375	3	2.375	.500	QCFZF	I/S	PS-4068
C	2.500	1.375	3	2.375	.500	VCFJF	S	PS-238V
C	2.500	1.375	3	2.375	.500	VCFKF	S	PS-239V
C	2.500	1.375	3	2.375	.500	VCFLF	S	PS-238V-SC-SEAT
C	2.500	1.375	3	2.375	.500	VCFZF	S	PS-239V-TC-SEAT
C	2.500	1.375	3	2.375	.500	VCFZF	I/S	PS-3523
C	2.500	1.375	3	2.375	.500	VLFLF	S	PS-544V-SC-SC
C	2.500	1.375	1	2.625	.500	BCFJF		PS-2202-CMS
C	2.500	1.375	1	2.625	.500	BCFKF		PS-1019-CMS
C	2.500	1.375	1	2.625	.500	BCFKF	I	PS-1019-CMS-P66
C	2.500	1.375	3	2.625	.500	BCFJF		PS-2202
C	2.500	1.375	3	2.625	.500	BCFJF	I	PS-2202-P66
C	2.500	1.375	3	2.625	.500	BCFKF		PS-1019
C	2.500	1.375	3	2.625	.500	BCFKF	316SS	PS-3078
C	2.500	1.375	3	2.625	.500	BLFLF		PS-1019-SC-SC
C	2.500	1.375	3	2.625	.500	QCFKF	I	PS-2201
C	2.500	1.375	3	2.625	.500	QCFZF		PS-4288
C	2.500	1.375	3	2.625	.500	VCFJF		PS-2202V
C	2.500	1.375	3	2.625	.500	VCFKF		PS-1019V
C	2.500	1.375	3	2.625	.500	VCFKF	I	PS-1019V-P66
C	2.500	1.375	3	2.625	.500	VCFZF		PS-1019-TC-SEAT
C	2.500	1.375	3	2.625	.500	VLFLF		PS-1019V-SC-SC
C	2.500	1.375	28	3.544	1.250	BCFKF		PS-1035
C	2.500	1.375	28	3.544	1.250	VCFKF		PS-1039
C	2.500	2.468	1	2.375	.500	BCFKF		PS-3138
C	2.500	2.468	1	2.375	.500	BCFLF		PS-3179
C	2.550	1.312	1	2.375	.500	QCFLF	B/I	PS-3832
C	2.625	1.375	1	2.375	.500	QCFJF	I	PS-3030
D	2.718	1.062	3	2.375	.375	VCPSP		PS-6075
D	2.718	1.125	3	2.437	.500	BCDGF		PS-3026
D	2.718	1.375	1	2.375	.500	BCDJF		PS-514
D	2.718	1.375	1	2.375	.500	BCDJF	I	PS-514-P66
D	2.718	1.375	1	2.375	.500	BCDKF		PS-461
D	2.718	1.375	1	2.375	.500	BCDZF		PS-461-TC-SEAT
D	2.718	1.375	1	2.375	.500	BCFJF		PS-2055
D	2.718	1.375	1	2.375	.500	BCFKF		PS-2056

**NOTE:** B. TAPERED SPRING  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.625 (1-5/8") (continued)</b>								
D	2.718	1.375	1	2.375	.500	BLDLF		PS-514-SC-SC
D	2.718	1.375	1	2.375	.500	BLFZF	316SS	PS-4361
D	2.718	1.375	1	2.375	.500	QCDJF		PS-514-EPR
D	2.718	1.375	1	2.375	.500	QCDJF	I	PS-514-EPR-P66
D	2.718	1.375	1	2.375	.500	QCDZF		PS-514-EPR-TC
D	2.718	1.375	1	2.375	.500	QCFLF	I	PS-3025
D	2.718	1.375	1	2.375	.500	VCDJF		PS-514V-CMS
D	2.718	1.375	1	2.375	.500	VCDJF	I	PS-514V-P66-CMS
D	2.718	1.375	1	2.375	.500	VCDKF		PS-461V-CMS
D	2.718	1.375	1	2.375	.500	VCDLF	I	PS-514V-P66-SC-CMS
D	2.718	1.375	1	2.375	.500	VCFJF		PS-2055V-CMS
D	2.718	1.375	1	2.375	.500	VLDLF		PS-514V-SC-SC-CMS
D	2.718	1.375	3	2.375	.500	BCDJF	S	PS-821
D	2.718	1.375	3	2.375	.500	BCDKF	S	PS-819
D	2.718	1.375	3	2.375	.500	BCFJF	S	PS-1698
D	2.718	1.375	3	2.375	.500	BCFKF	S	PS-1697
D	2.718	1.375	3	2.375	.500	BCFZF	S	PS-1697-TC-SEAT
D	2.718	1.375	3	2.375	.500	BZFLF	S	PS-3223
D	2.718	1.375	3	2.375	.500	VCDJF	S	PS-514V
D	2.718	1.375	3	2.375	.500	VCDJF	I/S	PS-514V-P66
D	2.718	1.375	3	2.375	.500	VCDKF	S	PS-461V
D	2.718	1.375	3	2.375	.500	VCFLF	316SS/S	PS-3186
D	2.718	1.375	3	2.375	.500	VLDLF	S	PS-514V-SC-SC
D	2.718	1.375	3	2.375	.500	VLFZF	316SS/S	PS-2739
D	2.718	1.375	3	2.375	.500	VZFLF	S	PS-3772
D	2.718	1.375	3	2.375	.500	XLFLF	S	PS-3039
D	2.718	1.375	28	3.544	1.250	BCFKF		PS-4435
E	2.250	1.375	3	2.375	.500	BCPKF	S	PS-6348
E	2.250	1.375	3	2.375	.500	VCPKF	S	PS-6349
E	2.250	2.000	1	2.312	.500	BCDJF		PS-609
E	2.250	2.000	1	2.312	.500	BCFJF		PS-346
E	2.250	2.000	1	2.312	.500	BCFJF	I	PS-346-P66
E	2.250	2.000	1	2.312	.500	BCFKF		PS-610
E	2.250	2.000	1	2.312	.500	VCDJF		PS-609V
E	2.250	2.000	1	2.312	.500	VCFKF		PS-610V
E	2.250	2.000	2	2.312	.562	BCDKF		PS-3931
E	2.250	2.000	1	2.375	.500	BCDJF		PS-745
E	2.250	2.000	1	2.375	.500	BCDJF	I	PS-745-P66
E	2.250	2.000	1	2.375	.500	BCDKF		PS-744
E	2.250	2.000	1	2.375	.500	BCFJF		PS-2057
E	2.250	2.000	1	2.375	.500	BCFKF		PS-2058
E	2.250	2.000	1	2.375	.500	BLFLF		PS-4099
E	2.250	2.000	1	2.375	.500	VCDJF		PS-745V-CMS
E	2.250	2.000	1	2.375	.500	VCFZF		PS-2058V-TC-SEAT
E	2.500	2.000	1	2.375	.500	VLFLF	316SS	PS-3853
E	2.250	2.000	3	2.375	.500	BCDJF	S	PS-595
E	2.250	2.000	3	2.375	.500	BCDKF	S	PS-822
E	2.250	2.000	3	2.375	.500	BCDKF	I/S	PS-822-P66
E	2.250	2.000	3	2.375	.500	BCFJF	S	PS-1683
E	2.250	2.000	3	2.375	.500	BCFJF	I/S	PS-1683-P66
E	2.250	2.000	3	2.375	.500	BCFKF	S	PS-1699
E	2.250	2.000	3	2.375	.500	BZFLF	S	PS-2717
E	2.250	2.000	3	2.375	.500	QCDKF	S	PS-822-EPR
E	2.250	2.000	3	2.375	.500	VCDKF	S	PS-744V
E	2.250	2.000	3	2.375	.500	VCFJF	S	PS-745V
E	2.250	2.000	3	2.375	.500	VCFJF	S	PS-1683V
E	2.250	2.000	3	2.375	.500	VCFKF	S	PS-1699V
E	2.250	2.000	3	2.375	.500	VCFKF	I/S	PS-3183
E	2.250	2.000	3	2.375	.500	VCFLF	316SS/S	PS-4471
E	2.250	2.000	3	2.375	.500	VCFZF	I/S	PS-1699V-TC-P66
E	2.250	2.000	3	2.375	.500	VLFZF	I/S	PS-1699V-SC-TC
E	2.250	2.000	3	2.375	.500	XZFLF	316SS/S	PS-3113
EB	2.250	2.375	3	2.125	.437	BCFJF	S	PS-4374
EB	2.250	2.375	3	2.125	.437	VCFJF	S	PS-4159
EB	2.250	2.375	3	2.125	.437	VCFJF	316SS/S	PS-4653

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.625 (1-5/8") (continued)</b>								
EB	2.250	2.375	3	2.125	.437	VCFZF	316SS/S	PS-4269
EB	2.250	2.375	5	2.125	.437	BCFZF		PS-4545
G	2.205	1.375	1	2.375	.500	QCFJF	316SS/I	PS-6262
G	2.205	1.375	1	2.375	.500	QCFZF	316SS/I	PS-6263
K	2.500	2.125	1	2.375	.500	BCFJF		PS-1195
K	2.500	2.125	1	2.375	.500	VL/CFL/JF		PS-4572
K	2.500	2.125	1	2.375	.500	VFLF		PS-3111
Q	2.812	.973	Special	2.375	.390	N/BMDAF		PS-6311
R	2.625	2.125	3	2.375	.500	NAFGF	S	PS-3071
R	2.718	2.125	1	2.375	.500	BCDKF		PS-281-CMS
R	2.718	2.125	3	2.375	.500	BCDKF	S	PS-281
R	2.825	2.125	3	2.375	.500	NCFGF	S	PS-3988
U	2.250	2.093	1	2.375	.500	BCDKF		PS-458-CMS
U	2.250	2.093	3	2.375	.500	BCDKF	S	PS-458
WT	2.250	1.156	28	2.875	.625	TCFKF	316SS	PS-9017
WT	2.250	1.156	28	2.875	.625	TCFOF	316SS	PS-9332
W Special	2.375	2.125	2	2.375	.500	TCFKF	316SS	PS-9718
XB1	2.375	1.750	3	2.000	.381	QLFLF	316SS/S	PS-8118
XB1T	2.187	1.750	3	2.062	.437	VCFZF	316SS	PS-8071
XB2	2.437	1.156	27	2.843	1.000	VCFJF	316SS	PS-8040
X Special	2.718	1.375	25 Special	2.410	.406	BCPGF		PS-6008
<b>1.687 (1-11/16")</b>								
D	2.875	.875	2	2.500	.312	BCFGF		PS-5002
D	2.875	.875	2	2.500	.312	VCFKF		PS-5194
E	2.875	2.000	1	2.375	.500	BCFJF		PS-4094
<b>1.692 (43MM)</b>								
C	58.80MM	34MM	2	61MM	11MM	VCFKF	316SS	PS-5654
G	59MM	30MM	1	61MM	8MM	VFLF	316SS	PS-3278
<b>1.750 (1-3/4")</b>								
C	2.392	1.375	1	2.500	.500	BCFJF		PS-5389-CMS
C	2.392	1.375	3	2.500	.500	BCFJF	S	PS-5389
C	2.604	1.375	3	2.500	.500	VCFKF	316SS/S	PS-3286
C/X Special	2.609	1.250	1	2.500	.500	BCFJF		PS-4035
C	2.625	1.062	3	2.500	.500	BCFJF	S	PS-3718
C	2.625	1.062	3	2.500	.500	BLFLF	S	PS-6241
C	2.625	1.062	3	2.500	.500	BLFZF	S	PS-3963
C	2.625	1.062	3	2.500	.500	BZFZF	S	PS-3687
C	2.625	1.062	3	2.500	.500	VCFJF	S	PS-3718V
C	2.625	1.125	—	—	—	BCF-F		FA-1055
C	2.625	1.125	3	2.500	.437	VCFGF		PS-3789
C	2.625	1.125	1	2.500	.500	BCFJF		PS-2212
C	2.625	1.125	1	2.500	.500	BCFKF		PS-1068
C	2.625	1.125	1	2.500	.500	BLFLF		PS-2212-SC-SC
C	2.625	1.125	1	2.500	.500	BZFZF		PS-4410
C	2.625	1.125	3	2.500	.500	BCFKF	S	PS-1056
C	2.625	1.125	3	2.500	.500	B/VLFZF	S	PS-3719
C	2.625	1.125	3	2.500	.500	VCFKF	S	PS-1056V
C	2.625	1.125	3	2.500	.500	VCFLF	S	PS-1056V-SC-SEAT
C	2.625	1.250	3	2.500	.500	VCFJF	316SS/S	PS-4884
C	2.625	1.375	—	—	—	BCF-F		FA-1660
C	2.625	1.375	—	—	—	BCF-F	I	FA-10168
C	2.625	1.375	—	—	—	BRF-F		FA-10159
C	2.625	1.375	—	—	—	QCF-F	I	FA-2108E
C	2.625	1.375	—	—	—	VCF-F		FA-10045
C	2.625	1.375	1	2.500	.500	BCFJF		PS-446
C	2.625	1.375	1	2.500	.500	BCFJF	I	PS-446-P66
C	2.625	1.375	1	2.500	.500	BCFJF	316SS	PS-446-316SS
C	2.625	1.375	1	2.500	.500	BCFKF		PS-448
C	2.625	1.375	1	2.500	.500	BCFKF	I	PS-448-P66
C	2.625	1.375	1	2.500	.500	BCFLF		PS-446-SC-SEAT
C	2.625	1.375	1	2.500	.500	BCFZF		PS-2210
C	2.625	1.375	1	2.500	.500	BLFLF		PS-446-SC-SC
C	2.625	1.375	1	2.500	.500	BLFZF		PS-446-SC-TC-CMS

**NOTE:** I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.750 (1-3/4") (continued)</b>								
C	2.625	1.375	1	2.500	.500	BZFF		PS-446-TC-TC
C	2.625	1.375	1	2.500	.500	QCFJ		PS-446-EPR
C	2.625	1.375	1	2.500	.500	QCFJ	I	PS-446-EPR-P66
C	2.625	1.375	1	2.500	.500	QCFK		PS-448-EPR
C	2.625	1.375	1	2.500	.500	QCFL		PS-446-EPR-SC
C	2.625	1.375	1	2.500	.500	QCFZ	I	PS-7684
C	2.625	1.375	1	2.500	.500	QLFZ		PS-3857
C	2.625	1.375	1	2.500	.500	VCFJ		PS-446V-CMS
C	2.625	1.375	1	2.500	.500	VCFJ	C	PS-3118
C	2.625	1.375	1	2.500	.500	VCFJ	I	PS-446V-CMS-P66
C	2.625	1.375	1	2.500	.500	VCFJ	316SS	PS-4153
C	2.625	1.375	1	2.500	.500	VCFK		PS-448V-CMS
C	2.625	1.375	1	2.500	.500	VCFK	I	PS-448V-CMS-P66
C	2.625	1.375	1	2.500	.500	VCFZ		PS-446V-TC-SEAT
C	2.625	1.375	1	2.500	.500	VCFZ	I	PS-448V-TC-P66
C	2.625	1.375	1	2.500	.500	VLFL		PS-7820
C	2.625	1.375	1	2.500	.500	VLFL	316SS	PS-4205
C	2.625	1.375	1	2.500	.500	VLFZ		PS-448V-SC-TC
C	2.625	1.375	1	2.500	.500	VZFL		PS-4461
C	2.625	1.375	1	2.500	.500	VZFZ		PS-446V-TC-TC
C	2.625	1.375	3	2.500	.500	BCFJ	S	PS-550
C	2.625	1.375	3	2.500	.500	BCFJ	I/S	PS-3125
C	2.625	1.375	3	2.500	.500	BCFK	S	PS-436
C	2.625	1.375	3	2.500	.500	BCFK	I/S	PS-436-P66
C	2.625	1.375	3	2.500	.500	BCFL	S	PS-436-SC-SEAT
C	2.625	1.375	3	2.500	.500	BLFL	S	PS-436-SC-SC
C	2.625	1.375	3	2.500	.500	B/VZFL	S	PS-436-TC-VS-SC
C	2.625	1.375	3	2.500	.500	BZFF	S	PS-436-TC-TC
C	2.625	1.375	3	2.500	.500	QCFK	S	PS-436-EPR
C	2.625	1.375	3	2.500	.500	QCFL	I/S	PS-7607
C	2.625	1.375	3	2.500	.500	QCFZ	I/S	PS-7035
C	2.625	1.375	3	2.500	.500	QLFL	S	PS-4596
C	2.625	1.375	3	2.500	.500	VCFJ	S	PS-446V
C	2.625	1.375	3	2.500	.500	VCFJ	I/S	PS-446V-P66
C	2.625	1.375	3	2.500	.500	VCFK	S	PS-436V
C	2.625	1.375	3	2.500	.500	VCFK	I/S	PS-436V-P66
C	2.625	1.375	3	2.500	.500	VCFL	S	PS-446V-SC-SEAT
C	2.625	1.375	3	2.500	.500	VCFZ	S	PS-2207
C	2.625	1.375	3	2.500	.500	VLFL	S	PS-7679
C	2.625	1.375	3	2.500	.500	VLFZ	S	PS-446V-SC-TC
C	2.625	1.375	3	2.500	.500	VZFZ	S	PS-436V-TC-TC
C	2.625	1.375	1	2.625	.500	BCFJ		PS-387-CMS
C	2.625	1.375	3	2.625	.500	BCFJ		PS-387
C	2.625	1.375	28	3.544	1.188	BCFK		PS-1038
C	2.625	1.750	1	2.500	.500	BZFF	C	PS-3114
C	2.625	1.750	1	2.500	.500	VZFZ	C	PS-3114V
C	2.625	2.000	1	2.500	.500	BCFJ		PS-2135
C	2.625	2.000	1	2.500	.500	BCFJ	I	PS-2135-P66
C	2.625	2.000	1	2.500	.500	BCFJ		PS-2142
C	2.625	2.000	1	2.500	.500	BCFJ	I	PS-2142-P66
C	2.625	2.000	1	2.500	.500	BCFK		PS-1674
C	2.625	2.000	1	2.500	.500	BCFL		PS-1674-SC-SEAT
C	2.625	2.000	1	2.500	.500	BCFZ		PS-1674-TC-SEAT
C	2.625	2.000	1	2.500	.500	BLFL		PS-2135-SC-SC
C	2.625	2.000	1	2.500	.500	BZFF		PS-3272
C	2.625	2.000	1	2.500	.500	QCFK	I	PS-1674-EPR-P66
C	2.625	2.000	1	2.500	.500	VCFJ		PS-2135V-CMS
C	2.625	2.000	1	2.500	.500	VLFL	S	PS-3271
C	2.625	2.000	1	2.500	.500	VZFZ		PS-1674V-TC-TC-CM
C	2.625	2.000	3	2.500	.500	BCFJ	S	PS-2150
C	2.625	2.000	3	2.500	.500	BCFK	S	PS-2151
C	2.625	2.000	3	2.500	.500	QCFK	I/S	PS-2151-EPR-P66
C	2.625	2.000	3	2.500	.500	VCFK	S	PS-2151V
C	2.625	2.000	3	2.500	.500	VCFZ	S	PS-2151V-TC-SEAT
D	2.750	1.375	—	—	—	BCD-F		FA-288

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.750 (1-3/4") (continued)</b>								
D	2.750	1.375	1	2.500	.500	BCDJF		PS-237
D	2.750	1.375	1	2.500	.500	BCDJF	I	PS-237-P66
D	2.750	1.375	1	2.500	.500	BCDKF		PS-288
D	2.750	1.375	1	2.500	.500	BCDKF	I	PS-288-P66
D	2.750	1.375	1	2.500	.500	BCDZF		PS-237-TC-SEAT
D	2.750	1.375	1	2.500	.500	BCFJF		PS-2059
D	2.750	1.375	1	2.500	.500	BCFKF		PS-2060
D	2.750	1.375	1	2.500	.500	BLDLF		PS-237-SC-SC
D	2.750	1.375	1	2.500	.500	BZDZF		PS-237-TC-TC
D	2.750	1.375	1	2.500	.500	BZFFZ		PS-2060-TC-TC
D	2.750	1.375	1	2.500	.500	QCDJF		PS-237-EPR
D	2.750	1.375	1	2.500	.500	QCDKF		PS-288-EPR
D	2.750	1.375	1	2.500	.500	QCDZF	I	PS-7652
D	2.750	1.375	1	2.500	.500	VCDJF		PS-237V-CMS
D	2.750	1.375	1	2.500	.500	VCDKF		PS-288V-CMS
D	2.750	1.375	1	2.500	.500	VCFJF		PS-2059V
D	2.750	1.375	1	2.500	.500	VFLFL	316SS	PS-4487
D	2.750	1.375	1	2.500	.500	VZFLF	316SS	PS-6217
D	2.750	1.375	3	2.500	.500	BCDJF	S	PS-826
D	2.750	1.375	3	2.500	.500	BCDKF	S	PS-825
D	2.750	1.375	3	2.500	.500	BCFJF	S	PS-2061
D	2.750	1.375	3	2.500	.500	BCFKF	S	PS-2062
D	2.750	1.375	3	2.500	.500	BCFLF	S	PS-2061-SC-SEAT
D	2.750	1.375	3	2.500	.500	BZFLF	316SS/S	PS-3267
D	2.750	1.375	3	2.500	.500	VCDJF	S	PS-237V
D	2.750	1.375	3	2.500	.500	VCDJF	I/S	PS-237V-P66
D	2.750	1.375	3	2.500	.500	VCDKF	S	PS-288V
D	2.750	1.375	3	2.500	.500	VRFFZ	S	PS-7959
D	2.750	1.375	3	2.500	.500	VZFLF	S	PS-7752
D	2.750	1.375	3	2.500	.500	XCFJF	S	PS-4399
D	2.806	1.031	3	2.500	.281	NCFKF		PS-4026
DB	2.750	1.750	3	2.375	.500	BCFZF	S	PS-4491
E	2.375	1.312	1	2.500	.500	QCFJF		PS-4187
E	2.375	1.312	1	2.500	.500	VCFZF	316SS	PS-3024
E	2.375	1.312	3	2.500	.500	VFLFL	S	PS-3982
E	2.375	1.312	1	2.625	.500	BCFJF		PS-7252
E	2.375	1.312	3	2.625	.500	BCFKF	316SS	PS-4535
E	2.375	1.312	3	2.625	.500	QCFLF		PS-4290
E	2.375	1.312	3	2.625	.500	QCFLF	316SS	PS-4512
E	2.375	1.312	3	2.625	.500	QCFZF	I	PS-4141
E	2.375	1.312	3	2.625	.500	VCFJF		PS-4261
E	2.375	1.312	3	2.625	.500	VCFJF	316SS	PS-3227
E	2.375	1.312	3	2.625	.500	VCFKF		PS-4232
E	2.375	1.312	3	2.625	.500	VCFKF	316SS	PS-3169
E	2.375	1.312	3	2.625	.500	VCFLF	316SS	PS-3054
E	2.375	1.312	3	2.625	.500	VCFZF	316SS/I	PS-4228
E	2.375	1.437	3	2.500	.500	B/VCFKF	S	PS-6090
E	2.375	1.875	3	2.500	.500	NCFKF		PS-4315
E	2.375	1.937	3	2.312	.500	QCFZF	I/S	PS-7950
E	2.375	2.000	—	—	—	BCF-F		FA-366
E	2.375	2.000	—	—	—	XCF-F		FA-2109A
E	2.375	2.000	3	2.312	.500	BCFJF		PS-1684
E	2.375	2.000	3	2.375	.500	BCFJF		PS-7685
E	2.375	2.000	1	2.487	.500	BCFJF		PS-317
E	2.375	2.000	1	2.500	.500	BCFJF		PS-205
E	2.375	2.000	1	2.500	.500	BCFJF	I	PS-205-P66
E	2.375	2.000	1	2.500	.500	BCFKF		PS-366
E	2.375	2.000	1	2.500	.500	BCFKF	I	PS-3177
E	2.375	2.000	1	2.500	.500	BCFLF		PS-4327
E	2.375	2.000	1	2.500	.500	BCFZF		PS-366-TC-CMS
E	2.375	2.000	1	2.500	.500	BLFLF		PS-205-SC-SC
E	2.375	2.000	1	2.500	.500	BZFFZ		PS-366-TC-TC
E	2.375	2.000	1	2.500	.500	QCFJF		PS-1196-EPR
E	2.375	2.000	1	2.500	.500	QCFZF	I	PS-7736
E	2.375	2.000	1	2.500	.500	VCFJF		PS-205V-CMS

**NOTE:** I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.750 (1-3/4") (continued)</b>								
E	2.375	2.000	1	2.500	.500	VCFJF	I	PS-205V-CMS-P66
E	2.375	2.000	1	2.500	.500	VCFKF		PS-366V-CMS
E	2.375	2.000	1	2.500	.500	VCFKF	I	PS-366V-CMS-P66
E	2.375	2.000	1	2.500	.500	VCFLF		PS-366V-SC-CMS
E	2.375	2.000	1	2.500	.500	VCFZF		PS-205V-TC-SEAT
E	2.375	2.000	1	2.500	.500	VLFLF		PS-4115
E	2.375	2.000	1	2.500	.500	VLFLF	316SS	PS-3031
E	2.375	2.000	1	2.500	.500	VZFZF		PS-205V-TC-TC-CMS
E	2.375	2.000	3	2.500	.500	BCFJF	S	PS-3673
E	2.375	2.000	3	2.500	.500	BCFJF	S	PS-535
E	2.375	2.000	3	2.500	.500	BCFKF	S	PS-262
E	2.375	2.000	3	2.500	.500	BCFZF	S	PS-859-TC-SEAT
E	2.375	2.000	3	2.500	.500	BCFZF	I/S	PS-535-P66-TC
E	2.375	2.000	3	2.500	.500	QCFJF	S	PS-535-EPR
E	2.375	2.000	3	2.500	.500	QCFKF	I/S	PS-262-EPR-P66
E	2.375	2.000	3	2.500	.500	QCFLF	S	PS-859-EPR-SC-SEAT
E	2.375	2.000	3	2.500	.500	QCFZF	I/S	PS-7363
E	2.375	2.000	3	2.500	.500	QLFLF	S	PS-858-EPR-SC-SC
E	2.375	2.000	3	2.500	.500	QZFFZ	S	PS-3540
E	2.375	2.000	3	2.500	.500	VCFJF	S	PS-205V
E	2.375	2.000	3	2.500	.500	VCFJF	I/S	PS-205V-P66
E	2.375	2.000	3	2.500	.500	VCFKF	S	PS-366V
E	2.375	2.000	3	2.500	.500	VCFLF	S	PS-858V-SC-SEAT
E	2.375	2.000	3	2.500	.500	VCFLF	316SS/S	PS-7924
E	2.375	2.000	3	2.500	.500	VLFLF	S	PS-7488
E	2.375	2.000	3	2.500	.500	VZFZF	S	PS-4509
E	2.375	2.000	3	2.500	.500	XCFLF	I/S	PS-4186
E	2.375	2.000	5	2.500	.500	BCFZF	I	PS-4429
E	2.375	2.000	5	2.500	.500	QCFZF	I	PS-4372
E	2.375	2.000	5	2.500	.500	QZFLF	316SS	PS-7610
E	2.375	2.000	5	2.500	.500	VCFZF	S	PS-3690
E	2.375	2.000	1	2.625	.500	BCFJF		PS-2130-CMS
E	2.375	2.000	3	2.625	.500	BCFJF		PS-2130
E	2.375	2.000	3	2.625	.500	VCFKF	S	PS-4139
E	2.375	2.000	27	3.000	1.000	BCFJF		PS-1078
E	2.375	2.000	27	3.000	1.000	VCFJF		PS-1078V
E	2.375	2.375	3	2.312	.500	BCFZF	C/S	PS-4233
E	2.375	2.375	3	2.312	.500	VCFJF	316SS/C/S	PS-4326
E	2.375	2.375	3	2.312	.500	VCFLF	316SS/S	PS-3251
E	2.375	2.375	3	2.312	.500	VCFLF	316SS/C/S	PS-4586
E	2.375	2.375	3	2.500	.500	B/VCFJF	C/H/I/S	PS-3726
E	2.375	2.375	3	2.500	.500	VCFJF	C/S	PS-2712
E	2.375	2.375	3	2.500	.500	VCFJF	316SS/C/H/S	PS-3902
E	2.375	2.375	3	2.500	.500	VCFKF	C/S	PS-3637
E	2.375	2.375	3	2.500	.500	VCFLF	C/S	PS-7839
E	2.375	2.375	3	2.500	.500	VCFLF	316SS/C/S	PS-4136
E	2.375	2.375	3	2.500	.500	VCFZF	316SS/C/S	PS-7560
E	2.375	2.375	3	2.500	.500	VCFZF	C/I/S	PS-7561
E	2.375	2.406	3	2.312	.500	VCFZF	C/S	PS-4149
EB	2.375	2.312	3	2.500	.500	VCFJF	316SS	PS-4221
EB	2.375	2.312	3	2.500	.500	VCFLF	316SS/C/S	PS-4096
EB	2.375	2.375	1	2.375	.500	BCFJF		PS-7901
EB	2.375	2.375	1	2.375	.500	BCFK		PS-2231-CMS
EB	2.375	2.375	3	2.375	.500	BCFJF	S	PS-7774
EB	2.375	2.375	3	2.375	.500	BCFKF	S	PS-2231
EB	2.375	2.375	3	2.375	.500	BCFZF	316SS/S	PS-7821
EB	2.375	2.375	3	2.375	.500	BCFZF	316SS/I/S	PS-7949
EB	2.375	2.375	3	2.500	.500	BCFKF	S	PS-4097
G	2.402	1.181	1	2.500	.500	BLFLF		PS-3016
G	2.402	1.181	1	2.500	.500	BLFZF		PS-4216
G	2.402	1.375	1	2.500	.500	VLFLF	316SS	PS-3151
G	2.625	1.181	3	2.500	.500	BCFLF	316SS/S	PS-3283
K	2.609	1.625	1	2.500	.500	BCFJF		PS-6246
K	2.609	2.125	1	2.500	.500	BCFJF		PS-449
K	2.609	2.125	1	2.500	.500	BCFKF		PS-1197

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.750 (1-3/4") (continued)</b>								
K	2.609	2.125	1	2.500	.500	BZFZF		PS-3236
K	2.609	2.125	1	2.500	.500	VLFLF	316SS	PS-4539
K	2.609	2.125	3	2.500	.500	BCFJF	S	PS-4353
K	2.609	2.125	3	2.500	.500	BCFJ/KF	S	PS-1142
K	2.609	2.250	3	2.750	.625	BCFJF		PS-3040
K	2.625	2.125	1	2.500	.500	VZFZF		PS-4304
Q	3.000	.689	Special	2.500	.412	Special		PS-4133
R	2.750	2.125	1	2.500	.500	BCDKF		PS-217
T	2.375	2.281	3	2.500	.500	VCFJF	316SS/S	PS-6242
T	2.375	2.750	3	2.500	.500	BCFJF	S	PS-2144
T	2.375	2.875	1	2.500	.500	BCFJF		PS-674
T	2.375	2.875	1	2.500	.500	BCFKF		PS-675
T	2.375	2.875	3	2.500	.500	BCFJF	S	PS-3115
T	2.375	2.875	3	2.500	.500	VCFJF	316SS/S	PS-4263
T	2.375	2.875	3	2.500	.500	VLFLF	S	PS-3650
T	2.375	2.937	3	2.500	.500	VCFLF/VCFJF	316SS/S	PS-4405
T	2.375	2.937	3	2.500	.500	VLFLF/VCFLF	316SS/S	PS-3123
U	2.375	2.000	3	2.500	.500	BCFJF	S	PS-2170
U	2.375	2.000	3	2.500	.500	BCF/DKF	S	PS-2157
U	2.375	2.000	3	2.500	.500	BCFKF	S	PS-7090
U	2.375	2.250	3	2.375	.500	BCFJF		PS-1070
U	2.375	2.500	1	2.500	.500	BCFJF		PS-1042
U	2.375	2.500	1	2.500	.500	BCF/DKF		PS-555
U	2.375	2.500	1	2.500	.500	BCFKF		PS-555SS
U	2.375	2.500	1	2.500	.500	VCFZF		PS-3884
U	2.375	2.500	3	2.500	.500	BCFJF	S	PS-519
U	2.375	2.500	3	2.500	.500	BCFJF	I/S	PS-519-P66
U	2.375	2.500	3	2.500	.500	BCFKF	S	PS-1199
U	2.375	2.000	3	2.500	.500	QCFZF	I/S	PS-3520
UB	2.375	2.375	3	2.375	.500	BCFZF	S	PS-4488
V	2.437	2.250	3	2.750	.625	BCFJF		PS-3754
W	2.500	1.375	2	2.500	.500	TCFJF	316SS	PS-9106
WT	2.312	1.375	—	—	—	TCF-F		FA-9400
WT	2.312	1.375	3	2.500	.500	T/VCFJF	316SS/S	PS-9023
WT	2.312	1.375	3	2.500	.500	T/VCFZF	316SS/S	PS-9064
WT	2.312	1.375	27	2.969	1.000	TCFJF	316SS	PS-9014
WT	2.406	1.375	—	—	—	TCF-F	316SS	FA-9316
X	2.500	1.375	3	2.500	.500	VCFLF	316SS/S	PS-8058
X	2.500	1.375	3	2.500	.500	VZFLF	316SS/S	PS-8133
XB1	2.312	1.750	5	2.125	.500	YCFZF	316SS	PS-8125
XBIT	2.312	1.750	—	—	—	Special		FA-8000
XIT	2.312	1.375	3	2.500	.500	VCFLF	316SS/S	PS-8800
XIT	2.312	1.375	3	2.500	.500	VCFZF	316SS/S	PS-8063
<b>1.771 (45MM)</b>								
E	2.500	2.125	1	2.625	.500	BCFJF		PS-722
E	2.500	2.125	1	2.625	.500	BCFKF		PS-719
G	2.401	30MM	25	63MM	8MM	VLFLF		PS-3158
G	2.401	37MM	1	63MM	8MM	VLFLF	316SS	PS-6916
T	2.500	3.000	1	2.625	.500	BCFJF		PS-727
T	2.500	3.000	1	2.625	.500	BCFKF		PS-728
<b>1.875 (1-7/8")</b>								
C	2.561	1.000	Plate	Plate	Plate	VCFGF		PS-5721
C	2.561	1.000	Plate	3.528	.437	BCFGF		PS-5011
C	2.645	1.110	2	3.000	.404	B/VCFJF	N	PS-5342
C	2.645	1.110	2	3.000	.404	QCFJF		PS-5679
C	2.645	1.110	2	3.000	.404	VCFJF		PS-5717
C	2.645	1.125	2	3.000	.474	B/VCFKF	N	PS-5712
C	2.750	1.000	3 Special	2.625	.500	VCFKP	S	PS-6098
C	2.750	1.500	—	—	—	BCF-F		FA-1875
C	2.750	1.500	—	—	—	VCF-F		FA-1875V
C	2.750	1.500	1	2.625	.500	BCFJF		PS-340
C	2.750	1.500	1	2.625	.500	BCFJF	I	PS-340-P66
C	2.750	1.500	1	2.625	.500	BCFKF		PS-1608
C	2.750	1.500	1	2.625	.500	BZFLF		PS-340-TC-SC

**NOTE:** I. ABRASION RESISTANT CARBON (P66)  
 N. NON-STANDARD SPRING HOLDER  
 S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.875 (1-7/8") (continued)</b>								
C	2.750	1.500	1	2.625	.500	BZFF		PS-340-TC-TC
C	2.750	1.500	1	2.625	.500	QCFJF		PS-340-EPR-CMS
C	2.750	1.500	1	2.625	.500	QCFJF	I	PS-4885
C	2.750	1.500	1	2.625	.500	QCFZF		PS-340-EPR-TC-CMS
C	2.750	1.500	1	2.625	.500	VCFJF		PS-340V-CMS
C	2.750	1.500	1	2.625	.500	VCFJF	I	PS-340V-CMS-P66
C	2.750	1.500	1	2.625	.500	VCFKF		PS-1608V-CMS
C	2.750	1.500	1	2.625	.500	VZFLF		PS-340V-TC-SC-CMS
C	2.750	1.500	3	2.625	.500	BCFJF	S	PS-2114
C	2.750	1.500	3	2.625	.500	BCFKF	S	PS-312
C	2.750	1.500	3	2.625	.500	BLFLF	S	PS-2729
C	2.750	1.500	3	2.625	.500	VCFJF	S	PS-340V
C	2.750	1.500	3	2.625	.500	VCFKF	S	PS-312V
C	2.750	1.500	3	2.625	.500	VZFLF	S	PS-340V-TC-SC
C	2.750	2.125	1	2.625	.500	BCFJF		PS-3211
C	2.921	.688	3	2.451	.312	VCFKF		PS-4219
D	2.875	1.500	—	—	—	BCD-F		FA-593
D	2.875	1.500	1	2.625	.500	BCDJF		PS-828
D	2.875	1.500	1	2.625	.500	BCDKF		PS-1097
D	2.875	1.500	3	2.625	.500	BCDKF	S	PS-593
D	2.875	1.500	3	2.625	.500	BCFJF	S	PS-4333
D	2.875	1.500	3	2.625	.500	BCFLF	S	PS-4107
D	2.875	1.500	3	2.625	.500	VCPSF	S	PS-6094
DB	2.875	1.875	1	2.500	.500	BCDZF		PS-3818
DB	2.875	1.875	3	2.500	.500	BCDJF	S	PS-3070
DB	2.875	1.875	3	2.500	.500	BCFJF		PS-4486
DB	2.875	1.875	3	2.500	.500	VCFZF	316SS/S	PS-4563
E	2.500	1.531	—	—	—	VCF-F	316SS/H	FA-4193
E	2.500	1.531	3	2.625	.500	QCFJF	316SS/H/S	PS-3046
E	2.500	1.531	3	2.625	.500	QZFLF	316SS/H/S	PS-3049
E	2.500	1.531	3	2.625	.500	VCFZF	316SS/S	PS-4193
E	2.500	1.531	3	2.625	.500	VZFFZ	316SS/S	PS-4166
E	2.500	1.906	3	2.625	.500	BCFJF	C/S	PS-7559
E	2.500	1.906	3	2.625	.500	VCFJF	316SS/C/S	PS-3929
E	2.500	1.906	3	2.625	.500	VCFKF	C/S	PS-7698V-LC
E	2.500	1.906	3	2.625	.500	XCFZF	I/S	PS-4477
E	2.500	2.125	—	—	—	VCF-F		FA-513V
E	2.500	2.125	1	2.625	.500	BCDJF		PS-523
E	2.500	2.125	1	2.625	.500	BCDKF		PS-513
E	2.500	2.125	1	2.625	.500	BCFJF		PS-2069
E	2.500	2.125	1	2.625	.500	BCFKF		PS-2070
E	2.500	2.125	1	2.625	.500	BCFZF		PS-2069-TC-SEAT
E	2.500	2.125	1	2.625	.500	QCFZF	I	PS-7869
E	2.500	2.125	1	2.625	.500	VCFJF		PS-1659V-CMS
E	2.500	2.125	3	2.625	.500	BCFJF	S	PS-2071
E	2.500	2.125	3	2.625	.500	BCFKF	S	PS-2072
E	2.500	2.125	3	2.625	.500	BCFKF	316SS/S	PS-7898
E	2.500	2.125	3	2.625	.500	BCFLF	S	PS-586-SC-SEAT
E	2.500	2.125	3	2.625	.500	BLFLF	S	PS-586-SC-SC
E	2.500	2.125	3	2.625	.500	BLFLF	316SS/S	PS-4270
E	2.500	2.125	3	2.625	.500	B/VCFKF	S	PS-7962
E	2.500	2.125	3	2.625	.500	BZFF	S	PS-2072-TC-TC
E	2.500	2.125	3	2.625	.500	QCFZF	316SS/I/S	PS-7951
E	2.500	2.125	3	2.625	.500	VCFJF	S	PS-1659
E	2.500	2.125	3	2.625	.500	VCFKF	S	PS-1660
E	2.500	2.125	3	2.625	.500	VCFZF	S	PS-1661
E	2.500	2.125	3	2.625	.500	VLFFZ	S	PS-586V-SC-TC
E	2.500	2.125	3	2.625	.500	VZFFZ	S	PS-7862
E	2.500	2.125	3	2.687	.500	VCFJF		PS-7020
E	2.500	2.437	3	2.687	.500	BCFKF		PS-949
E	2.500	2.437	3	2.687	.500	B/VCFJF		PS-1664
EB	2.500	2.500	3	2.500	.500	BCFJF	S	PS-7827
EB	2.500	2.500	3	2.500	.500	BCFKF	S	PS-7884
EB	2.500	2.500	3	2.500	.500	VCFJF	S	PS-4417
EB	2.500	2.500	3	2.500	.500	VCFKF	S	PS-7884V

**NOTE:** C. COMPLETE WITH COLLAR  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING



# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.875 (1-7/8") (continued)</b>								
EB	2.500	2.500	Special	2.687	.500	VCFZF		PS-3648
G	2.520	1.181	1	2.625	.500	BLFLF	316SS	PS-3018
K	2.734	1.750	1	2.625	.500	BL/CFL/JF		PS-3753
K	2.750	1.750	1	2.625	.500	BCFJF		PS-2237
K	2.750	1.750	1	2.625	.500	BZ/CFL/JF		PS-4426
K	2.750	1.750	1	2.625	.500	BZFZF		PS-3190
K	2.750	1.843	1	2.625	.500	BZ/CFZ/JF		PS-4217
K	2.750	2.125	1	2.625	.500	BCFKF		PS-7352
K	2.750	3.000	1	2.625	.500	BCFJF		PS-318
K	2.750	3.000	1	2.625	.500	BCFKF		PS-1693
K	2.750	3.000	1	2.625	.500	BZFZF		PS-318-TC-TC
T	2.500	2.343	25	2.650	.406	BCFJF		PS-4046
T	2.500	2.500	3	2.625	.437	BCFJF		PS-3964
T	2.500	2.500	3	2.625	.437	BZFZF	316SS	PS-5087
T	2.500	2.500	3	2.625	.437	VCFKF		PS-4521
T	2.500	2.937	3	2.625	.500	VLFZF/VCFJF	316SS/S	PS-3203
T	2.500	3.000	1	2.625	.500	BCFJF		PS-7878
T	2.500	3.000	1	2.625	.500	BCFKF		PS-743
T	2.500	3.000	3	2.687	.500	VCFJF		PS-1653
U	2.500	2.125	5	2.500	.500	BCFZF	316SS	PS-4592
U	2.500	2.437	3	2.500	.500	BCFJF		PS-898
V	2.437	2.000	3	2.625	.437	BCFJF		PS-4467
V	2.500	2.000	1	2.625	.500	BMFJF		PS-1108
V	2.500	2.000	3	2.625	.437	BMFJF		PS-2146
V	2.500	2.000	25	2.640	.406	BMFJF		PS-1105
WT	2.510	1.375	3	2.625	.500	T/QCFZF	316SS/S	PS-9119
WT	2.510	1.375	3	2.625	.500	T/VCFJF	316SS/S	PS-9709
WT	2.510	1.375	3	2.625	.500	T/VCFZF	316SS/S	PS-9340
XB	2.500	1.750	3	2.375	.500	VCFZF	316SS/I/S	PS-8010
XB	2.625	1.750	3	2.375	.500	QCFLF	316SS/S	PS-8124
XBT	2.510	1.750	3	2.375	.500	QCFZF	316SS/S	PS-8059
X Special	2.500	1.000	3 Special	2.625	.500	NCFZF	316SS	PS-6097
X Special	2.500	1.500	3	2.000	.500	VCFJF	316SS	PS-8077
XT	2.510	1.375	3	2.625	.500	VCFZF	316SS/S	PS-8094V
XT	2.510	1.750	3	2.625	.437	VCFJF	316SS	PS-8076
<b>2.000 (2")</b>								
C	2.598	1.500	1	2.750	.500	BCFJF	316SS	PS-5224
C	2.875	1.062	1	2.750	.500	BCFJF		PS-7781
C	2.875	1.062	1	2.750	.500	BLFZF		PS-7781-SC-TC
C	2.875	1.062	3	2.750	.500	BCFJF	S	PS-3993
C	2.875	1.062	3	2.750	.500	BCFJF	H/S	PS-4239
C	2.875	1.062	3	2.750	.500	BCFKF	S	PS-4015
C	2.875	1.062	3	2.750	.500	BLFLF		PS-6238
C	2.875	1.062	3	2.750	.500	BLFZF	S	PS-3721
C	2.875	1.062	3	2.750	.500	BZFZF	N/S	PS-3688
C	2.875	1.062	3	2.750	.500	VCFKF		PS-6247V
C	2.875	1.062	3	2.750	.500	VLFLF	N	PS-4178
C	2.875	1.062	3	3.000	.312	BCFKF		PS-582
C	2.875	1.250	1	2.750	.500	BCFJF		PS-2139
C	2.875	1.250	1	2.750	.500	BCFKF		PS-1028
C	2.875	1.250	1	2.750	.500	BZFZF		PS-3676
C	2.875	1.250	3	2.750	.500	BCFJF		PS-4416
C	2.875	1.250	3	2.750	.500	BCFKF	S	PS-3875
C	2.875	1.500	—	—	—	BCF-F		FA-2000
C	2.875	1.500	—	—	—	VCF-F		FA-10047
C	2.875	1.500	1	2.750	.500	BCFJF		PS-267
C	2.875	1.500	1	2.750	.500	BCFJF	I	PS-267-P66
C	2.875	1.500	1	2.750	.500	BCFKF		PS-842
C	2.875	1.500	1	2.750	.500	BCFKF	I	PS-842-P66
C	2.875	1.500	1	2.750	.500	BCFZF		PS-842-TC SEAT
C	2.875	1.500	1	2.750	.500	BLFLF		PS-267-SC-SC-CMS
C	2.875	1.500	1	2.750	.500	BZFZF		PS-2219
C	2.875	1.500	1	2.750	.500	QCFJF		PS-267-EPR
C	2.875	1.500	1	2.750	.500	QCFZF	I	PS-3580

**NOTE:** H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
N. NON-STANDARD SPRING HOLDER  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>2.000 (2") (continued)</b>								
C	2.875	1.500	1	2.750	.500	VCFJF		PS-267V-CMS
C	2.875	1.500	1	2.750	.500	VCFJF	I	PS-267V-CMS-P66
C	2.875	1.500	1	2.750	.500	VCFKF		PS-842V
C	2.875	1.500	1	2.750	.500	VCFKF	I	PS-842V-P66-CMS
C	2.875	1.500	1	2.750	.500	VCFKF	316SS	PS-4120
C	2.875	1.500	1	2.750	.500	VCFLF		PS-3716
C	2.875	1.500	1	2.750	.500	VLFLF		PS-6224
C	2.875	1.500	1	2.750	.500	VLFZF		PS-267V-SC-TC-CMS
C	2.875	1.500	1	2.750	.500	VZFFZ		PS-6218
C	2.875	1.500	1	2.750	.500	VZFFZ	316SS	PS-6213
C	2.875	1.500	3	2.750	.500	BCFJF	S	PS-532
C	2.875	1.500	3	2.750	.500	BCFKF	S	PS-332
C	2.875	1.500	3	2.750	.500	BCFLF		PS-4235
C	2.875	1.500	3	2.750	.500	BCFZF	S	PS-267-TC-SEAT
C	2.875	1.500	3	2.750	.500	BLFZF	C/S	PS-267-SC-TC-LC
C	2.875	1.500	3	2.750	.500	BLFZF	S	PS-267-SC-TC-SEAT
C	2.875	1.500	3	2.750	.500	QCFZF	I/S	PS-7309
C	2.875	1.500	3	2.750	.500	VCFJF	S	PS-267V
C	2.875	1.500	3	2.750	.500	VCFKF	S	PS-1145
C	2.875	1.500	3	2.750	.500	VCFZF	S	PS-267V-TC-SEAT
C	2.875	1.500	3	2.750	.500	VLFLF	S	PS-267V-SC-SC
C	2.875	1.500	3	2.750	.500	VLFLF		PS-7731
C	2.875	1.500	5	2.758	.500	QCFZF	316SS	PS-3293
C	2.875	1.500	3	3.000	.500	BCFJF	I	PS-4345
C	2.875	1.500	3	3.000	.500	BCFKF		PS-1020
C	2.875	1.500	3	3.000	.500	QCFJF	I	PS-4287
C	2.875	1.500	3	3.000	.500	QCFKF	I	PS-1020-EPR-P66
C	2.875	1.500	3	3.000	.500	QCFZF		PS-3027
C	2.875	1.500	3	3.000	.500	VCFKF		PS-1020V
C	2.875	1.500	28	4.330	1.060	BCFKF		PS-1037
C	2.875	1.500	28	4.330	1.060	VCFKF		PS-1037V
C	2.875	2.125	1	2.750	.500	BCFJF		PS-2133
C	2.875	2.125	1	2.750	.500	BCFJF	I	PS-2133-P66
C	2.875	2.125	1	2.750	.500	BCFKF		PS-1017
C	2.875	2.125	1	2.750	.500	QCFKF	I	PS-3674
C	2.875	2.125	3	2.750	.500	BCFZF	S	PS-1017-TC-SEAT
D	3.000	1.500	1	2.625	.500	BCDKF		PS-876
D	3.000	1.500	1	2.750	.500	BCDJF		PS-445
D	3.000	1.500	1	2.750	.500	BCDKF		PS-462
D	3.000	1.500	1	2.750	.500	BCFJF		PS-2073
D	3.000	1.500	1	2.750	.500	VCDJF		PS-445V-CMS
D	3.000	1.500	1	2.750	.500	VLFLF		PS-3066
D	3.000	1.500	1	2.750	.500	VLFZF		PS-2073V-SC-TC-CMS
D	3.000	1.500	3	2.750	.500	BCDJF	S	PS-833
D	3.000	1.500	3	2.750	.500	BCDKF	S	PS-832
D	3.000	1.500	3	2.750	.500	BCFJF	S	PS-2075
D	3.000	1.500	3	2.750	.500	BCFKF	S	PS-2076
D	3.000	1.500	3	2.750	.500	BZFLF	S	PS-3153
D	3.000	1.500	3	2.750	.500	NCPGP	S	PS-193
D	3.000	1.500	3	2.750	.500	VCDJF		PS-445V
D	3.000	1.500	3	2.750	.500	VCDKF	S	PS-462V
D	3.000	1.500	3	2.750	.500	VCFKF	316SS	PS-4154
D	3.000	1.500	3	2.750	.500	VZFLF	316SS/S	PS-3142
D	3.093	1.125	3	2.812	.500	NCPGP		PS-333
D	3.187	1.653	Plate	5.125	—	NCPGP		PS-6115
E	2.625	2.125	1	2.625	.500	BCFKF		PS-1609
E	2.625	2.125	1	2.687	.500	BCFJF		PS-319
E	2.625	2.125	1	2.687	.500	BCFJF	I	PS-319-P66
E	2.625	2.125	1	2.687	.500	BCFKF		PS-478
E	2.625	2.125	1	2.687	.500	V/BCFJF		PS-319V
E	2.625	2.125	1	2.750	.500	BCFJF		PS-479
E	2.625	2.125	1	2.750	.500	BCFJF	I	PS-479-P66
E	2.625	2.125	1	2.750	.500	BCFKF		PS-843
E	2.625	2.125	1	2.750	.500	BLFZF		PS-479-SC-TC
E	2.625	2.125	1	2.750	.500	VCFJF	I	PS-479V-CMS-P66

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>2.000 (2") (continued)</b>								
E	2.625	2.125	1	2.750	.500	VCFKF		PS-843V-CMS
E	2.625	2.125	1	2.750	.500	VCFZF		PS-479V-TC-CMS
E	2.625	2.125	1	2.750	.500	VZFZF		PS-479V-TC-TC
E	2.625	2.125	3	2.750	.500	BCFJF	S	PS-530
E	2.625	2.125	3	2.750	.500	BCFKF	S	PS-477
E	2.625	2.125	3	2.750	.500	BCFKF	I/S	PS-477-P66
E	2.625	2.125	3	2.750	.500	BCFKF	316SS/I/S	PS-3522
E	2.625	2.125	3	2.750	.500	BCFZF	S	PS-477-TC-SEAT
E	2.625	2.125	3	2.750	.500	BLFLF	316SS	PS-4432
E	2.625	2.125	3	2.750	.500	BZFLF	S	PS-477-TC-SC
E	2.625	2.125	3	2.750	.500	BZFZF	S	PS-477-TC-TC
E	2.625	2.125	3	2.750	.500	BZFZF	316SS	PS-4600
E	2.625	2.125	3	2.750	.500	NCPKP	S	PS-342
E	2.625	2.125	3	2.750	.500	QCFJF		PS-4376
E	2.625	2.125	3	2.750	.500	QCFKF	S	PS-477-EPR
E	2.625	2.125	3	2.750	.500	QCFLF	S	PS-477-EPR-SC
E	2.625	2.125	3	2.750	.500	QCFZF	I/S	PS-3639
E	2.625	2.125	3	2.750	.500	VCFJF		PS-479V
E	2.625	2.125	3	2.750	.500	VCFKF	S	PS-477V
E	2.625	2.125	3	2.750	.500	VCFKF	I/S	PS-3079
E	2.625	2.125	3	2.750	.500	VCFZF	S	PS-477V-TC-SEAT
E	2.625	2.125	3	2.750	.500	VZFLF		PS-462V-TC-SC
E	2.625	2.125	3	2.750	.500	VZFZF	S	PS-477V-TC-TC
E	2.625	2.125	3	3.000	.500	BCFKF		PS-4312
E	2.625	2.125	5	2.750	.500	BCFZF	I	PS-3708
E	2.625	2.125	5	2.750	.500	QCFZF	I	PS-3108
E	2.625	2.125	5	2.750	.500	VCFZF	I	PS-3708V
E	2.730	2.165	—	—	—	NCP-P		FA-6104
EB	2.625	2.500	3	2.500	.500	QCFZF	316SS/I/S	PS-3088
EB	2.625	2.500	1	2.625	.500	BCFJF		PS-7910
EB	2.625	2.500	3	2.625	.500	BCFJF	S	PS-3304
EB	2.625	2.500	3	2.625	.500	BCFKF	S	PS-7892
EB	2.625	2.500	3	2.625	.500	BCFZF		PS-4291
EB	2.625	2.500	3	2.625	.500	VCFJF		PS-4419
EB	2.625	2.500	3	2.625	.500	VCFKF	S	PS-7890
EB	2.625	2.500	3	2.625	.500	VCFZF		PS-4102
E Special	2.625	1.843	3	2.750	.500	NCPKF	S	PS-3644
E Special	2.625	1.843	3	3.031	.500	NCDKF	Includes Sleeve	PS-3952
E Special	2.730	2.165	Plate	5.875	.750	NCPGP		PS-6007
G	2.598	1.500	25	2.750	.500	QCFLF	316SS	PS-4357
G	2.598	1.500	25	2.750	.500	QLFLF	316SS	PS-3019
G	2.598	1.500	25	2.750	.500	VCFLF	316SS	PS-3170
K	2.859	1.875	1	2.750	.500	BCFJF		PS-4478
K	2.859	2.125	3	2.750	.500	BCFKF	S	PS-1040
K	2.859	2.125	3	2.750	.500	BZ/CFZ/JF		PS-4343
K	2.875	1.500	1	2.775	.500	BL/CFZ/CF		PS-4294
K	2.875	2.125	1	2.750	.500	BCFJF		PS-2143
K	2.875	2.125	3	2.750	.500	BCFJF	S	PS-7196
K	2.875	2.125	3	2.750	.500	VCFJF	S	PS-7196V
K	2.875	2.125	3	2.750	.500	VZFZF	316SS/S	PS-3254
K	2.875	2.125	3	3.000	.500	BCFJF		PS-7963
R	3.000	2.125	1	2.750	.500	BCDJF		PS-1610
R	3.000	2.125	1	2.750	.500	BCDKF		PS-658
Special	2.750	.750	Special	2.750	.375	BCFAF		PS-4052
T	2.625	3.000	3	2.750	.500	VZFZF	S	PS-4208
U	2.625	2.000	3	2.750	.500	BCFJF		PS-4474
U	2.625	2.000	3	2.750	.500	BCFKF	S	PS-385A
U	2.625	2.000	3	2.750	.500	VCFKF	S	PS-385AV
U	2.625	2.000	3	2.750	.500	VCFLF		PS-4468
U	2.625	2.000	3	2.750	.500	VLFLF		PS-4391
U	2.625	2.000	3	2.750	.500	VZFLF	C/S	PS-7616
U	2.625	2.125	3	2.750	.500	VCFZF	316SS/S	PS-3999
U	2.625	2.218	1	2.750	.500	BCFKF		PS-456-CMS
U	2.625	2.218	3	2.750	.500	BCFJF		PS-7400
U	2.625	2.218	3	2.750	.500	BCFKF	S	PS-456

**NOTE:** C. COMPLETE WITH COLLAR  
 I. ABRASION RESISTANT CARBON (P66)  
 S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>2.000 (2") (continued)</b>								
U	2.625	2.218	3	2.750	.500	BZFLF		PS-4258
U	2.625	2.218	3	2.750	.500	QCCKF	S	PS-456-EPR
U	2.625	2.218	3	2.750	.500	QCFLF	316SS/S	PS-3044
U	2.625	2.218	3	2.750	.500	QCFZF	I/S	PS-3591
U	2.625	2.218	3	2.750	.500	VCFKF	S	PS-456V
U	2.625	2.218	3	2.750	.500	VCFLF	S	PS-3083
U	2.625	2.218	3	2.750	.500	VCFZF	S	PS-456V-TC-SEAT
U	2.625	2.218	3	2.750	.500	VLFLF	S	PS-456V-SC-SC
U	2.625	2.218	3	2.750	.500	XZFLF	S	PS-3649
W	2.750	1.375	3	2.750	.500	T/VCFJF	316SS	PS-9029
WB	2.750	1.750	3	2.500	.500	TCFGF	316SS	PS-9712
WB	2.750	1.750	Special	2.500	.937	T/NCFKF	316SS	PS-9703
X	2.750	1.375	3	2.750	.500	VZFLF	316SS	PS-8134
X	2.750	1.375	5	2.750	.500	QCFZF	316SS	PS-8561
XB1	2.750	1.750	3	2.500	.500	XCFLF	316SS/S	PS-8122
XB1T	2.625	1.750	3	2.500	.500	VCFZF	316SS/I/S	PS-8053
XBT	2.625	1.750	3	2.500	.500	VCFJF	316SS	PS-8119
<b>2.062 (2-1/16")</b>								
E	2.812	2.375	3	2.875	.562	BCDKF		PS-707
T	2.812	3.375	3	2.937	.562	BCFKF		PS-3562
<b>2.125 (2-1/8")</b>								
C	2.812	1.197	2	3.000	.500	VCFKF	316SS	PS-5706
C	2.968	1.687	3	3.000	.562	QCFZF	S	PS-4314
C	3.000	1.687	—	—	—	BCF-F		FA-2120
C	3.000	1.687	3	2.875	.562	BCFJF	S	PS-854
C	3.000	1.687	3	2.875	.562	BCFKF	S	PS-855
C	3.000	1.687	1	3.000	.562	BCFJF	S	PS-844
C	3.000	1.687	1	3.000	.562	BCFJF	I	PS-844-P147
C	3.000	1.687	1	3.000	.562	BCFKF		PS-543
C	3.000	1.687	1	3.000	.562	VCFJF		PS-4436
C	3.000	1.687	3	3.000	.562	BCFJF	S	PS-338
C	3.000	1.687	3	3.000	.562	B/VCFKF	S	PS-1057
C	3.000	1.687	3	3.000	.562	QCFJF	S	PS-338-EPR
C	3.000	1.687	3	3.000	.562	VCFJF	S	PS-338V
C	3.000	1.687	3	3.000	.562	VCFKF	S	PS-543V
C	3.000	1.687	3	3.000	.562	VCFLF	S	PS-3606
C	3.000	1.687	3	3.000	.562	VLFLF	S	PS-338V-SC-SC
C	3.000	1.687	3	3.000	.562	VZFLF	S	PS-4570
C	3.000	2.375	3	3.000	.562	BCFJF	S	PS-4508
C	3.000	2.375	3	3.000	.562	VCFKF	S	PS-4276
D	3.250	1.687	1	3.000	.562	BCFJF		PS-1686
D	3.250	1.687	1	3.000	.562	BCFKF		PS-1687
D	3.250	1.687	1	3.000	.562	QCFLF	I	PS-3035
D	3.250	1.687	2	3.000	.562	BCDKF		PS-4437
D	3.250	1.687	3	3.000	.562	BCFJF	S	PS-2093
D	3.250	1.687	3	3.000	.562	VCFLF	I/S	PS-4079
D	3.250	1.687	3	3.000	.562	VLZFZ	S	PS-3809
E	2.812	2.125	3	2.875	.562	BCEJE	S	PS-6912
E	2.812	2.312	3	2.875	.562	BCFKF	316SS/C/S	PS-4243
E	2.812	2.312	3	2.875	.562	VCFJF	316SS/C/S	PS-3897
E	2.812	2.375	—	—	—	BCF-F	316SS	FA-3502
E	2.812	2.375	3	2.812	.437	BCFJF		PS-611
E	2.812	2.375	3	2.812	.437	BCFJF	I	PS-611-P66
E	2.812	2.375	3	2.812	.437	BCFKF		PS-1612
E	2.812	2.375	3	2.812	.437	VCFKF		PS-1612V
E	2.812	2.375	3	2.875	.562	BCFJF	S	PS-856
E	2.812	2.375	3	2.875	.562	BCFKF	S	PS-857
E	2.812	2.375	3	2.875	.562	VCFKF	S	PS-857V
E	2.812	2.375	3	2.875	.562	VCFZF	S	PS-857V-TC-SEAT
E	2.812	2.375	1	3.000	.562	BCFJF		PS-537
E	2.812	2.375	1	3.000	.562	BCFJF	I	PS-537-P66
E	2.812	2.375	1	3.000	.562	BCFKF		PS-353
E	2.812	2.375	3	3.000	.562	BCFJF	S	PS-327
E	2.812	2.375	3	3.000	.562	BCFKF	S	PS-2086

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>2.125 (2-1/8") (continued)</b>								
E	2.812	2.375	3	3.000	.562	QCFLF	316SS/S	PS-3134
E	2.812	2.375	3	3.000	.562	QCFLF	316SS/I/S	PS-3261
E	2.812	2.375	3	3.000	.562	VCFJF	S	PS-327V
E	2.812	2.375	3	3.000	.562	VCFKF	S	PS-353V
E	2.812	2.375	3	3.000	.562	VLFJF	316SS/S	PS-4434
E	2.812	2.375	3	3.000	.562	VFLF	S	PS-3727
E	2.812	2.375	3	3.125	.562	BCFJF	316SS	PS-3122
EB	2.812	2.750	3	2.750	.500	BCFJF	316SS/S	PS-3714
EB	2.812	2.750	3	2.750	.500	VCFJF	316SS/S	PS-4418
EB	2.812	2.750	5	2.625	.437	BCFZF		PS-4146
G	2.717	1.181	3	3.000	.562	QCFJF	316SS	PS-3020
K	2.968	2.125	1	3.000	.562	VCFRF		PS-3765
K	2.968	2.125	1	3.000	.562	VCFZF	S	PS-3765-TC-SEAT
K	3.000	2.125	1	3.000	.562	BCFJF		PS-887
K	3.000	2.125	3 Special	3.000	.562	VCFZF		PS-6120
K	3.000	2.125	3 Special	3.000	.562	VCFZ/KF	I	PS-6121
T	2.812	2.625	3	3.000	.562	BCFJF	316SS/S	PS-3879
T	2.812	3.375	3	3.000	.562	BCFJF	S	PS-2126
T	2.812	3.375	3	3.000	.562	BLFZF	S	PS-4388
U	2.812	2.812	3	2.750	.500	VCF/EJE	316SS/C	PS-4584
U	2.812	2.812	1	3.000	.562	BCFKF		PS-556
V	2.750	1.625	1	3.187	.875	BCFJF		PS-1107-CMS
V	2.750	2.562	3	3.140	.562	BCFJF		PS-1102
W	3.000	1.687	2	3.000	.562	QCFZF	316SS	PS-9400
W	3.000	1.687	2	3.000	.562	TCFJF	316SS	PS-9122
X1T	2.812	1.687	3	2.875	.562	VCFJF	316SS/S	PS-8562
X Double	2.812	2.625	3	2.875	.312	VCFJF	316SS/S	PS-8132
XT Special	2.812	2.625	3	2.875	.312	VCFJF	316SS/S	PS-8702
XB2	3.125	1.156	27	3.375	1.000	VCFJF	316SS	PS-8035
XB2	3.125	1.312	27	3.562	1.000	VCFJF	316SS	PS-8057
<b>2.165 (55MM)</b>								
C	2.820	1.358	2	2.952	.437	VCFKF	316SS	PS-5019
<b>2.187 (2-3/16")</b>								
D	3.468	.969	2	3.000	.406	BCFKF		PS-5005
D	3.468	.969	2	3.000	.406	VCFKF		PS-5024
<b>2.250 (2-1/4")</b>								
C	3.125	1.187	1	3.125	.562	BCFJF		PS-7138
C	3.125	1.187	1	3.125	.562	BCFKF		PS-7782
C	3.125	1.187	1	3.125	.562	BZFZF		PS-7138-TC-TC
C	3.125	1.187	1	3.125	.562	VLFZF		PS-7138V-SC-TC-CMS
C	3.125	1.187	3	3.125	.562	BLFZF		PS-3966
C	3.125	1.187	3	3.125	.562	VCFKF		PS-6248
C	3.125	1.437	1	3.125	.562	BCFJF		PS-1087
C	3.125	1.437	1	3.125	.562	BZFZF		PS-7064
C	3.125	1.437	1	3.125	.562	VCFJF		PS-1087V-CMS
C	3.125	1.437	1	3.125	.562	VLFZF		PS-1087V-SC-TC-CMS
C	3.125	1.667	3 Special	3.125	1.015	VCFKF		PS-5076
C	3.125	1.688	—	—	—	BCF-F		FA-2250
C	3.125	1.688	—	—	—	QCF-F	I	FA-7750
C	3.125	1.688	1	3.125	.562	BCFJF		PS-1679
C	3.125	1.688	1	3.125	.562	BCFJF	I	PS-1679-P66
C	3.125	1.688	1	3.125	.562	BCFKF		PS-1680
C	3.125	1.688	1	3.125	.562	BCFKF	I	PS-1680-P66
C	3.125	1.688	1	3.125	.562	BLFLF		PS-3182
C	3.125	1.688	1	3.125	.562	BZFZF		PS-1680-TC-TC
C	3.125	1.688	1	3.125	.562	VCFJF		PS-1679V-CMS
C	3.125	1.688	1	3.125	.562	VCFKF		PS-1680V
C	3.125	1.688	1	3.125	.562	VZFZF		PS-3773
C	3.125	1.688	3	3.125	.562	BCFJF	S	PS-1678
C	3.125	1.688	3	3.125	.562	BCFKF	S	PS-1676
C	3.125	1.688	3	3.125	.562	BLFLF	S	PS-3289
C	3.125	1.688	3	3.125	.562	B/VCFZF	S	PS-1676-TC-SEAT
C	3.125	1.688	3	3.125	.562	QCFJF	I/S	PS-1679-EPR-P66
C	3.125	1.688	3	3.125	.562	QCFKF	I/S	PS-1676-EPR-P66

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>2.250 (2-1/4") (continued)</b>								
C	3.125	1.688	3	3.125	.562	QCFZF	I/S	PS-7750
C	3.125	1.688	3	3.125	.562	VCFJF		PS-1678V
C	3.125	1.688	3	3.125	.562	VCFKF	S	PS-1676V
C	3.125	1.688	3	3.125	.562	VCFZF	S	PS-1676V-TC-SEAT
C	3.125	1.688	27 Special	3.125	.779	VCFGF		PS-3955
C	3.125	1.695	3	3.125	.500	VCFLF		PS-6233
C	3.125	2.375	1	3.125	.562	BCFJF		PS-3537
C	3.125	2.375	1	3.125	.562	VCFJF		PS-3537V
C	3.125	2.375	3	3.125	.562	BCFKF		PS-3041
D	3.375	1.688	1	3.125	.562	BCDJF		PS-874
D	3.375	1.688	1	3.125	.562	BCDKF		PS-941
D	3.375	1.688	1	3.125	.562	BCFJF		PS-2087
D	3.375	1.688	1	3.125	.562	BCFKF		PS-2088
D	3.375	1.688	1	3.125	.562	QCDKF		PS-941-EPR
D	3.375	1.688	3	3.125	.562	BCDJF	S	PS-846
D	3.375	1.688	3	3.125	.562	BCDKF	S	PS-847
D	3.375	1.688	3	3.125	.562	BCFJF	S	PS-2089
D	3.375	1.688	3	3.125	.562	BCFKF	S	PS-2090
D	3.375	1.688	3	3.125	.562	VCDKF	S	PS-941V
D	3.468	1.688	3	3.125	.562	Special		PS-5358
D	3.704	1.631	3	3.125	.562	VAFLF	N/S	PS-4070
E	2.938	2.375	1	3.125	.562	BCDJF		PS-323
E	2.938	2.375	1	3.125	.562	BCDJF	I	PS-323-P66
E	2.938	2.375	1	3.125	.562	BCDKF		PS-351
E	2.938	2.375	1	3.125	.562	BCFJF		PS-2091
E	2.938	2.375	1	3.125	.562	BCFKF		PS-2092
E	2.938	2.375	1	3.125	.562	BLFZF		PS-323-SC-TC-CMS
E	2.938	2.375	1	3.125	.562	VCDJF		PS-323V-CMS
E	2.938	2.375	3	3.125	.562	BCDJF	S	PS-848
E	2.938	2.375	3	3.125	.562	BCDKF	S	PS-849
E	2.938	2.375	3	3.125	.562	BCFJF	S	PS-1688
E	2.938	2.375	3	3.125	.562	BCFKF	S	PS-2094
E	2.938	2.375	3	3.125	.562	BCFZF	316SS	PS-3067
E	2.938	2.375	3	3.125	.562	B/VZFZF	S	PS-3530
E	2.938	2.375	3	3.125	.562	BZFZF	316SS	PS-4549
E	2.938	2.375	3	3.125	.562	QCFLF	316SS/I	PS-4409
E	2.938	2.375	3	3.125	.562	VCDKF	S	PS-351V
E	2.938	2.375	3	3.125	.562	VCFJF	316SS	PS-1688V
E	2.938	2.375	3	3.125	.562	VCFJF	316SS/I	PS-3576
E	2.938	2.375	3	3.125	.562	VCFKF	S	PS-2094V
E	2.938	2.375	3	3.281	.562	BZFZF		PS-3075
E	2.938	2.375	27	3.906	1.000	VCFKF		PS-3951
EB	2.938	2.750	3	3.000	.562	BCFJF	S	PS-3784
EB	2.938	2.750	3	3.000	.562	BCFLF		PS-2658
EB	2.938	2.750	3	3.000	.562	BCFZF	S	PS-7749
EB	2.938	2.750	3	3.000	.562	B/VCFKF	S	PS-3643
EB	2.938	2.750	3	3.000	.562	VCFJF		PS-4105
EB	2.938	2.750	3	3.000	.562	VCFLF	I	PS-4380
K	3.109	2.562	3	3.281	.562	BCFKF	I	PS-7060
K	3.125	1.875	1	3.125	.562	BCFJF		PS-7431
K	3.125	2.125	3	3.125	.562	BCFJF		PS-7766
Q	3.500	.750	3	3.000	.406	NMPAP		PS-6301
Q	3.625	.750	1	3.375	.281	BMPAP		PS-6302
Q	3.660	.750	1	3.375	.281	VMPSP		PS-4041
R	3.375	2.375	1	3.125	.562	BCFJF		PS-3077
T	2.938	3.375	3	3.125	.562	BCDJF		PS-2132
V	3.125	2.375	3	3.281	.750	BCFKF	I	PS-3210
W	3.125	1.687	2	3.125	.562	TCFJF	316SS	PS-9120
XB1	3.125	2.062	3	2.750	.500	VCFZF	316SS/S	PS-8712
<b>2.362 (60MM)</b>								
G	80MM	40.5MM	1	80MM	12MM	VCFLF	316SS	PS-5735
G	80MM	40.5MM	2	80MM	12MM	VLFLF		PS-3276

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>2.375 (2-3/8")</b>								
C	3.219	1.813	1	3.250	.562	BCFJF		PS-268-CMS
C	3.219	1.813	1	3.250	.562	BCFJF	I	PS-268-CMS-P66
C	3.219	1.813	1	3.250	.562	BCFKF		PS-492-CMS
C	3.219	1.813	1	3.250	.562	BCFKF	I	PS-492-CMS-P66
C	3.219	1.813	1	3.250	.562	VCFKF		PS-492V-CMS
C	3.219	1.813	3	3.250	.562	BCFJF	S	PS-268
C	3.219	1.813	3	3.250	.562	BCFJF	I/S	PS-268-P66
C	3.219	1.813	3	3.250	.562	BCFKF	S	PS-492
C	3.219	1.813	3	3.250	.562	BCFKF	I/S	PS-492-P66
C	3.219	1.813	3	3.250	.562	BCFLF	S	PS-3051
C	3.219	1.813	3	3.250	.562	VCFJF	S	PS-268V
C	3.219	1.813	3	3.250	.562	VCFJF	316SS/S	PS-3233
C	3.219	1.813	3	3.250	.562	VCFJF	I/S	PS-3127
C	3.219	1.813	3	3.250	.562	VCFKF	I/S	PS-492V-P66
C	3.219	1.813	3	3.250	.562	VCFLF	I/S	PS-4325
C	3.219	1.813	3	3.250	.562	VCFZF	S	PS-492V-TC-SEAT
C	3.219	1.813	28	5.118	1.060	BCFKF		PS-1677
C	3.219	1.813	28	5.118	1.060	VCFKF		PS-1677V
D	3.500	1.813	1	3.250	.562	BCFJF	I	PS-834-CMS-P66
D	3.500	1.813	3	3.250	.562	BCFJF	S	PS-834
D	3.500	1.813	3	3.250	.562	BCFJF	I/S	PS-834-P66
D	3.500	1.813	3	3.250	.562	BCFKF	S	PS-594
D	3.500	1.813	3	3.250	.562	BCFKF	I/S	PS-594-P66
D	3.500	1.813	3	3.250	.562	BCFKF	S	PS-834-TC-SEAT
D	3.500	1.813	3	3.250	.562	BCFKF	S	PS-2095
D	3.500	1.813	3	3.250	.562	QCFJF	S	PS-834-EPR
E	3.062	2.500	—	—	—	BCF-F		FA-2098
E	3.062	2.500	—	—	—	VCF-F		FA-350V
E	3.062	2.500	1	3.250	.562	BCFJF		PS-2097-CMS
E	3.062	2.500	1	3.250	.562	BCFKF		PS-350-CMS
E	3.062	2.500	3	3.250	.562	BCFJF	S	PS-278
E	3.062	2.500	3	3.250	.562	BCFJF	I/S	PS-278-P66
E	3.062	2.500	3	3.250	.562	BCFKF	S	PS-350
E	3.062	2.500	3	3.250	.562	VCFJF	S	PS-278V
E	3.062	2.500	3	3.250	.562	VCFKF	S	PS-2098V
E	3.062	2.500	3	3.250	.562	VCFZF	I/S	PS-350V-P66-TC
E	3.062	2.500	3	3.250	.562	VLFLF	S	PS-4492
E	3.062	2.500	3	3.250	.562	VZFLF	316SS/S	PS-7935
E	3.062	2.500	5	3.250	.562	BCFZF	I	PS-4006
E	3.062	2.500	5	3.250	.562	QCFZF	I	PS-3187
E	3.062	2.500	5	3.250	.562	VCFZF	I	PS-3085
E	3.062	2.875	3	3.250	.562	QLFLF	C/S	PS-4162
EB	3.062	2.875	3	3.125	.562	BCFKF	S	PS-3936
EB	3.062	2.875	3	3.125	.562	BCFZF	S	PS-3501
EB	3.062	2.875	3	3.125	.562	VCFKF	S	PS-3936V
EB	3.062	2.875	3	3.125	.562	VCFLF	S	PS-4108
EB	3.062	2.875	3	3.125	.562	VCFZF	S	PS-3936V-TC-SEAT
G	3.150	1.299	1	3.125	.531	BCFLF	316SS	PS-3073
G	3.150	1.299	1	3.250	.562	BCFJF		PS-3008
G	3.150	1.299	1	3.250	.562	BLFZF		PS-3022
K	3.219	2.125	3	3.250	.562	BCFJF	S	PS-1694
K	3.219	2.125	3	3.250	.562	BCFKF	S	PS-1041
R	3.500	2.375	3	3.250	.562	BCFJF	S	PS-2711
X	3.250	1.687	3	3.250	.562	Special	S	PS-8560
X	3.250	1.687	3	3.250	.562	VCFLF	316SS/S	PS-8003
XB	3.250	2.062	3	3.000	.562	QCFLF	316SS/S	PS-8121
XB	3.250	2.125	3	3.000	.500	VCFLF	316SS/S	PS-8069
XBT	3.000	2.062	3	3.250	.562	VCFJF	316SS	PS-8113
<b>2.437 (2-7/16")</b>								
E	3.312	1.687	3	3.437	.375	BCPKP		PS-7580
E	3.312	1.687	3	3.437	.375	VCPKF		PS-3751
W	3.312	1.687	28	4.000	.750	TCFKF	316SS	PS-9333

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>2.500 (2-1/2")</b>								
C	3.515	1.813	1	3.375	.562	BCFJF		PS-2120
C	3.515	1.813	1	3.375	.562	VCFZF		PS-3764
C	3.515	1.813	3	3.375	.562	BCFJF	S	PS-269
C	3.515	1.813	3	3.375	.562	BCFKF	S	PS-853
C	3.515	1.813	3	3.375	.562	BLFZF		PS-3247
C	3.515	1.813	3	3.375	.562	VCFJF	S	PS-269V
C	3.515	1.813	3 Special	3.375	.562	VCFKF		PS-6138
C	3.515	1.862	3	3.375	.562	VFLF		PS-3877
C/X	3.344	1.250	1	3.375	.500	BCFJ*		PS-3651
D	3.625	1.813	3	3.250	.437	BCDJF		PS-468
D	3.625	1.813	3	3.250	.437	BCDKF		PS-469
D	3.625	1.813	3	3.375	.562	BCDJF	S	PS-835
D	3.625	1.813	3	3.375	.562	BCDKF	S	PS-463
D	3.625	1.813	3	3.375	.562	BZFLF	S	PS-463-TC-SC
D	3.625	1.813	3	3.375	.562	VCDKF	S	PS-463V
D	3.625	1.813	3	3.375	.562	VCFLF	S	PS-463VSS-SC-SEAT
D	3.625	1.813	3	3.375	.562	VLFZF	316SS/S	PS-2740
D	3.625	1.813	3	3.375	.562	VZFLF		PS-3888
D	3.718	1.250	3	3.375	.562	VCPGP		PS-335V
D	4.375	1.871	3	3.375	.562	VAFLF	N/S	PS-3498
D Special	4.062	2.078	3 Special	3.250	.875	VCFZF	316SS	PS-4532
E	3.062	2.500	3	3.375	.562	QCFZF	I/S	PS-7985
E	3.187	1.813	3	3.500	.422	BCFJF		PS-6254
E	3.187	2.312	3	3.500	.422	VCFZF		PS-3076
E	3.187	2.500	3	3.250	.562	BCPKF		PS-3924
E	3.187	2.500	3	3.250	.562	QCFZF	I	PS-3516
E	3.187	2.500	1	3.375	.562	BCFJF	I	PS-279-CMS-P66
E	3.187	2.500	1	3.375	.562	BLFZF		PS-4411
E	3.187	2.500	3	3.375	.562	BCFJF	S	PS-279
E	3.187	2.500	3	3.375	.562	BCFKF	S	PS-349
E	3.187	2.500	3	3.375	.562	BCFKF	I/S	PS-2205
E	3.187	2.500	3	3.375	.562	BCFZF	S	PS-349-TC-SEAT
E	3.187	2.500	3	3.375	.562	QCFJF		PS-3064
E	3.187	2.500	3	3.375	.562	QCFKF	I/S	PS-2205-EPR
E	3.187	2.500	3	3.375	.562	VCFJF	S	PS-279V
E	3.187	2.500	3	3.375	.562	VCFKF	S	PS-349V
E	3.187	2.500	3	3.375	.562	VCFLF	S	PS-349V-SC-SEAT
E	3.187	2.500	3	3.375	.562	VLFZF	S	PS-279V-SC-TC
E	3.187	2.500	3	3.375	.562	VZFLF	S	PS-349V-TC-SC
E	3.187	2.500	5	3.375	.562	BCFZF	I	PS-3164
E	3.187	2.718	3	3.250	.562	BCFKF	C	PS-7716
E	3.187	2.718	3	3.250	.562	VCFJF	316SS/C	PS-3806
E	3.187	2.718	3	3.250	.562	VCFLF	316SS	PS-3206
E	3.187	2.718	3	3.250	.625	VZFLF	316SS/C	PS-4466
G	3.268	1.811	25	3.375	.562	QCFLF		PS-3804
G	3.268	1.811	25	3.375	.562	QLFLF	316SS	PS-4490
K	3.344	1.750	3 Special	3.375	.562	VCFKF		PS-6141
K	3.344	2.125	1	3.375	.562	BCFJF		PS-2158
K	3.344	2.125	1	3.375	.562	BLFLF		PS-4311
K	3.344	2.125	1	3.375	.562	BZFZF		PS-2158-TC-TC
K	3.344	2.125	3	3.375	.562	BCFJF	S	PS-1613
K	3.344	2.125	3	3.375	.562	BCFKF	S	PS-1695
K	3.359	1.750	3	3.375	.562	NCFKF	S	PS-6997
K	3.375	1.750	3 Special	3.375	.562	VCFZF		PS-6140
R	3.625	2.562	3	3.375	.531	NCPGP		PS-6146
T	3.187	2.656	3	3.500	.422	BCFJF		PS-4072
T	3.187	2.656	3	3.500	.422	VCFJF		PS-6244
T	3.187	2.656	3	3.500	.422	VLFZF		PS-6243
T	3.187	2.938	1	3.375	.563	VZFLF	316SS	PS-4580
T	3.187	2.938	3	3.375	.563	VZFLF	316SS	PS-4109
V	3.187	2.375	3	3.250	.562	BCFJF		PS-4523
WB	3.375	2.062	Special	3.125	1.062	T/NCFKF	316SS	PS-9710
X1T	3.125	1.375	3 Special	3.375	.562	VCFKF	316SS	PS-8108
XB1	3.375	2.062	3	3.125	.562	QCFLF	316SS/I/S	PS-8089
XB1	3.375	2.062	3	3.125	.562	VCFZF	316SS	PS-8103



# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>2.625 (2-5/8")</b>								
D	3.875	1.937	3	3.375	.625	BCFJF	I/S	PS-7909
D	3.875	1.937	3	3.375	.625	QCFZF		PS-3188
D	3.875	1.937	3	3.375	.625	VCFKF	S	PS-6002
E	3.375	2.625	3	3.625	.593	QCFLF	C/S	PS-4392
E	3.375	2.750	3	3.375	.625	BCFJF	316SS/S	PS-328
E	3.375	2.750	3	3.375	.625	BCFJF	I/S	PS-328-P66
E	3.375	2.750	3	3.375	.625	BCFKF	S	PS-542
E	3.375	2.750	3	3.375	.625	BCFKF	S	PS-3300
E	3.375	2.750	3	3.375	.625	VLZFZ	S	PS-4472
EB	3.375	3.125	3	3.375	.562	BCFJF	S	PS-7703
EB	3.375	3.125	3	3.375	.562	BCFKF	S	PS-7927
EB	3.375	3.125	3	3.375	.562	BLFZF	S	PS-4485
EB	3.375	3.125	5	3.375	.562	BCFZF		PS-4554
<b>2.750 (2-3/4")</b>								
C	3.625	1.687	27	4.406	.779	VCFGF		PS-6154
C	3.750	1.125	1	3.500	.625	BCFJF		PS-6205
C	3.750	1.125	1	3.500	.625	BCFZF		PS-2154-TC-CMS
C	3.750	1.125	1	3.500	.625	BLFZF		PS-2154-SC-TC-CMS
C	3.750	1.125	1	3.500	.625	BZFLF		PS-2154-TC-SC
C	3.750	1.125	1	3.500	.625	BZFZF		PS-6908
C	3.750	1.125	1	3.500	.625	VZFZF		PS-4381
C	3.750	1.125	3	3.500	.625	BCFJF	S	PS-2154
C	3.750	1.125	3	3.500	.625	B/VCFZF	S	PS-2154-TC-SEAT
C	3.750	1.125	3	3.500	.625	VCFJF		PS-6207
C	3.750	1.125	3	3.500	.625	VZFZF	S	PS-2154V-TC-TC
C	3.750	1.500	3	3.500	.625	BCFJF		PS-3994
C	3.750	1.500	3	3.500	.625	BLFLF		PS-6239
C	3.750	1.500	3	3.500	.625	BLFZF		PS-4366
C	3.750	1.500	3	3.500	.625	VLZFZ		PS-3661
C	3.750	1.937	1	3.500	.625	BCFJF		PS-836-CMS
C	3.750	1.937	1	3.500	.625	BCFJF	I	PS-836-CMS-P66
C	3.750	1.937	1	3.500	.625	BZFZF		PS-4308
C	3.750	1.937	3	3.500	.625	BCFJF	S	PS-836
C	3.750	1.937	3	3.500	.625	BCFJF	I/S	PS-836-P66
C	3.750	1.937	3	3.500	.625	BCFKF	S	PS-483
C	3.750	1.937	3	3.500	.625	BCFLF		PS-3841
C	3.750	1.937	3	3.500	.625	BCFZF	S	PS-483-TC-SEAT
C	3.750	1.937	3	3.500	.625	BLFZF	C/S	PS-483-SC-TC-LC
C	3.750	1.937	3	3.500	.625	VCFKF	S	PS-6155
C	3.750	1.937	3	3.500	.625	VCFLF	S	PS-2708
C	3.750	1.937	3	3.500	.625	VCFZF	S	PS-483V-TC-SEAT
C	3.750	2.000	3	3.500	.625	VCFKF		PS-2152V
D	4.000	1.937	3	3.500	.625	BCFJF	S	PS-837
D	4.000	1.937	3	3.500	.625	BCFJF	I/S	PS-837-P66
D	4.000	1.937	3	3.500	.625	BCFKF	S	PS-464
D	4.000	1.937	3	3.500	.625	BCFZF	S	PS-464-TC-SEAT
D	4.000	1.937	3	3.500	.625	VLZFZ	316SS/S	PS-3189
E	3.500	2.062	3	4.125	.500	VCFJF		PS-6600
E	3.500	2.062	3	4.125	.500	VCFLF	316SS	PS-6601
E	3.500	2.750	1	3.500	.625	BZFZF		PS-3037
E	3.500	2.750	3	3.500	.625	BCFZF	I/S	PS-321-P66-TCO
E	3.500	2.750	3	3.500	.625	BZFLF	316SS	PS-4788
E	3.500	2.750	3	3.500	.625	V/BCFJF	S	PS-838
E	3.500	2.750	3	3.500	.625	V/BCFJF	I/S	PS-838-P66
E	3.500	2.750	3	3.500	.625	V/BCFJF	316SS/S	PS-838-316SS
E	3.500	2.750	3	3.500	.625	V/BCFKF	S	PS-321
E	3.500	2.750	3	3.500	.625	VCFKF	S	PS-321V
E	3.500	2.750	3	3.500	.625	VCFLF	316SS	PS-4089
E	3.500	2.750	3	3.500	.625	VCFZF	S	PS-321V-TC-SEAT
E	3.500	2.750	3	3.500	.625	VCFZF	316SS	PS-7936
E	3.500	2.750	3	3.500	.625	VZFZF		PS-4446
E	3.500	3.250	3	3.500	.625	QCFLF	316SS/C	PS-3059
E	3.500	3.250	3	3.500	.625	VCFJF	316SS/C	PS-4583
E	3.500	3.250	3	3.500	.625	VFLFL	316SS	PS-4544

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>2.750 (2-3/4") (continued)</b>								
K	3.593	3.750	3	3.500	.625	BCFJF	S	PS-4504
K	3.750	1.875	3	3.500	.625	BCFJF	S	PS-2148
K	3.750	3.750	1	3.500	.625	BCFJF		PS-322-CMS
K	3.750	3.750	3	3.500	.625	BCFKF	S	PS-322
T	3.500	3.750	3	3.750	.625	BZFZF	316SS	PS-4564
W	3.625	1.687	2	3.500	.625	TCFJF	316SS	PS-9314
X	3.625	1.687	3	3.500	.625	VCFZF	316SS	PS-8120
X	3.625	1.687	5	3.500	.625	QCFZF	316SS	PS-8128
XB	3.625	2.062	3	3.375	.562	VCFZF	316SS	PS-8102
XT	3.375	1.687	3	3.500	.625	V/TCFJF	316SS	PS-8136
<b>2.875 (2-7/8")</b>								
C	3.875	2.062	3	3.750	.625	BCFJF	S	PS-270
E	3.625	2.875	3	3.750	.625	BCFJF	S	PS-329
E	3.625	2.875	3	3.750	.625	BCFJF	I/S	PS-329-P66
E	3.625	2.875	3	3.750	.625	BCFKF	S	PS-841
E	3.625	2.875	3	3.750	.625	BCFKF	I/S	PS-841-P66
E	3.625	2.875	3	3.750	.625	QCFKF	S	PS-841-EPR
E	3.625	2.875	5	3.750	.625	BCFZF		PS-4341
EB	3.625	3.250	3	3.500	.625	BCFJF	S	PS-5737
K	4.500	1.700	3 Special	4.500	.292	NCFGF		PS-4028
V	3.625	2.250	3	3.750	.625	VCFJF/VCFJF	S	PS-4296
XT Double	3.500	2.250	3	3.750	.625	V/TCFJF	316SS/S	PS-8701
<b>3.000 (3")</b>								
C	3.843	1.125	3 Special	3.875	.625	VCFKF	S	PS-6173
C	4.000	1.125	1	3.875	.625	BCFJF		PS-2153-CMS
C	4.000	1.125	1	3.875	.625	BCFZF		PS-2153-TC-CMS
C	4.000	1.125	1	3.875	.625	BLFLF		PS-2153-SC-SC-CMS
C	4.000	1.125	1	3.875	.625	BZFZF		PS-7998
C	4.000	1.125	1	3.875	.625	VLFLF	316SS	PS-3152
C	4.000	1.125	1	3.875	.625	VLFZF		PS-4378
C	4.000	1.125	1	3.875	.625	VZFZF		PS-3539
C	4.000	1.125	3	3.875	.625	BCFJF	S	PS-2153
C	4.000	1.125	3	3.875	.625	BCFKF		PS-4367
C	4.000	1.125	3	3.875	.625	BLFZF		PS-6249-SC-TC
C	4.000	1.125	3	3.875	.625	BZFZF		PS-6249
C	4.000	1.125	3	3.875	.625	VCFJF	S	PS-6206V
C	4.000	1.125	3	3.875	.625	VCFKF		PS-6250
C	4.000	1.125	3	3.875	.625	VCFZF		PS-3232
C	4.000	1.125	3	3.875	.625	VZFZF	S	PS-2153V-TC-TC
C	4.062	1.312	1	3.875	.625	BCFJF	B	PS-1088-CMS
C	4.062	1.312	1	3.875	.625	BZFZF	B	PS-1088-TC-TC-CMS
C	4.062	1.312	1	3.875	.625	VCFJF	B	PS-1088V-CMS
C	4.062	1.312	1	3.875	.625	VZFZF	B	PS-1088V-TC-TC-CMS
C	4.062	1.312	3	3.875	.625	BCFJF	B/S	PS-1088
C	4.062	1.312	3	3.875	.625	BLFZF	B/S	PS-4352
C	4.062	1.312	3	3.875	.625	B/VZFZF	B/S	PS-1088-TC-TC
C	4.062	1.312	3	3.875	.625	VCFJF	B/S	PS-1088V
C	4.062	1.312	3	3.875	.625	VZFZF	B/S	PS-1088V-TC-TC
C	4.000	1.500	3	3.875	.625	BCFKF		PS-3600
C	4.000	1.500	3	3.875	.625	BLFLF		PS-6240
C	4.000	1.500	3	3.875	.625	BLFZF		PS-3701
C	4.000	2.062	1	3.875	.625	BCFJF		PS-1696-CMS
C	4.000	2.062	1	3.875	.625	BCFJF	316SS	PS-3235
C	4.000	2.062	1	3.875	.625	BZFZF		PS-7875
C	4.000	2.062	1	3.875	.625	VCFJF		PS-4086
C	4.000	2.062	1	3.875	.625	VCFLF		PS-3043
C	4.000	2.062	1	3.875	.625	VZFZF		PS-6214
C	4.000	2.062	3	3.875	.625	BCFJF	S	PS-2116
C	4.000	2.062	3	3.875	.625	BCFKF	S	PS-2115
C	4.000	2.062	3	3.875	.625	BCFZF	S	PS-2115-TC-SEAT
C	4.000	2.062	3	3.875	.625	BLFLF	S	PS-2116-SC-SC
C	4.000	2.062	3	3.875	.625	VCFLF	S	PS-3777
C	4.000	2.062	3	3.875	.625	VCFZF		PS-3275
C	4.000	2.062	3	3.875	.625	VLFLF		PS-6225

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>3.000 (3") (continued)</b>								
C	4.000	2.062	3	3.875	.625	VZFFZ		PS-4481
C	4.000	2.062	3 Special	3.875	.625	VCFKF	H/S	PS-6172
D	4.250	2.062	1	3.875	.625	BLFLF		PS-2709
D	4.250	2.062	1	3.875	.625	BZFZF		PS-6202
D	4.250	2.062	3	3.875	.625	BCDJF	S	PS-761
D	4.250	2.062	3	3.875	.625	BCDKF	S	PS-465
D	4.250	2.062	3	3.875	.625	BZFLF		PS-6219
D	4.250	2.062	3	3.875	.625	VCDKF	S	PS-465V
D	4.250	2.062	3	3.875	.625	VZFLF	S	PS-4033
D	4.250	2.062	3	3.875	.625	VZFLF		PS-6232
D	4.250	2.062	3	3.875	.625	VZFFZ		PS-3776
D	4.250	2.062	3	3.883	.625	VZFLF	316SS/S	PS-2710
D	4.250	2.062	3	4.000	.625	NCPGP		PS-3713
D	4.250	2.062	3	4.000	.625	VCDGF		PS-4324
E	3.750	2.625	3	4.000	.500	BCFJF	C	PS-3969
E	3.750	2.875	—	—	—	BCF-F		FA-475SS
E	3.750	2.875	1	3.875	.625	BCDJF	I	PS-324-P66-CMS
E	3.750	2.875	1	3.875	.625	BLFZF		PS-324-SC-TC-CMS
E	3.750	2.875	3	3.875	.625	BCDJF	S	PS-324
E	3.750	2.875	3	3.875	.625	BCFJF	S	PS-324SS
E	3.750	2.875	3	3.875	.625	BCFJF	316SS/I	PS-4147
E	3.750	2.875	3	3.875	.625	BCFKF	S	PS-5252
E	3.750	2.875	3	3.875	.625	BZFLF	S	PS-3770
E	3.750	2.875	3	3.875	.625	BZFZF	S	PS-324-TC-TC
E	3.750	2.875	3	3.875	.625	VCDGP		PS-6174
E	3.750	2.875	3	3.875	.625	VCDKF	S	PS-1060V
E	3.750	2.875	3	3.875	.625	VCFJF	S	PS-324SSV
E	3.750	2.875	3	3.875	.625	VCFKF	316SS	PS-4172
E	3.750	2.875	3	4.000	.500	BCFJF		PS-4082
G	3.898	2.062	1	3.875	.625	VLFLF	316SS	PS-3021
G	3.898	2.062	3	3.875	.625	QCFLF		PS-3802
K	3.968	1.750	3 Special	3.875	.625	NCFKF		PS-6169
K	3.968	1.750	3 Special	3.875	.625	VCFKF		PS-6171
K	3.968	1.750	3 Special	3.875	.625	VCFZF	S	PS-6170
K	4.000	2.062	3	3.875	.625	BZFZF	S	PS-4196
K	4.000	2.125	3	3.875	.625	BCFJF	S	PS-7873
K	4.000	2.500	1	3.875	.625	BCFJF		PS-3518
K	4.000	2.500	3	3.875	.625	BCFKF	S	PS-2141
K	4.000	2.500	3	3.875	.625	VCFJF		PS-6228
R	4.250	2.750	3	3.875	.625	BCDKF	S	PS-284
R	4.250	3.000	3	3.875	.562	NCPGP		PS-6175
T	3.750	3.125	3	4.000	.500	BCFJF		PS-7993
U	3.750	3.875	3	3.875	.625	BCFJF	C/S	PS-3836
V	3.750	2.750	3	4.000	.500	BCFJF	316SS	PS-7215
V	3.750	2.750	3	4.000	.500	BCFZF		PS-4069
V	3.750	2.750	3	4.250	.625	BCFJF	316SS	PS-3181
W	3.812	1.687	2	3.875	.625	TCFJF	316SS	PS-9140
X	3.812	1.687	—	—	—	VCF-F	316SS	FA-8088
XB1	3.812	2.063	3	3.500	.625	VCFZF	316SS/S	PS-8144
<b>3.125 (3-1/8")</b>								
X	3.937	1.687	3	4.000	.781	VCFZF	316SS/S	PS-8086
<b>3.149 (80MM)</b>								
G	104MM	40MM	2	105MM	12.5MM	VCFLF	316SS	PS-3270
<b>3.250 (3-1/4")</b>								
C	4.250	2.187	3	4.125	.781	BCFJF		PS-7835
C	4.250	2.187	3	4.125	.781	VCFJF		PS-3180
C	4.250	2.187	3	4.125	.781	VLFLF		PS-6226
C	4.406	1.562	3	4.125	.781	BCFJF	S	PS-4127
C	4.406	1.562	3	4.125	.781	BCFKF		PS-6258
C	4.406	1.562	3	4.125	.781	BLFZF		PS-3702
C	4.406	1.562	3	4.125	.781	VCFJF		PS-6253
D	4.187	2.062	3	4.125	.781	VZFLF	S	PS-3222
D	4.187	2.187	3	4.125	.781	BZFZF		PS-3827

**NOTE:** C. COMPLETE WITH COLLAR  
H. SPRING HOLDER NOT INCLUDED  
I. ABRASION RESISTANT CARBON (P66)  
S. SLOTTED MATING RING

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>3.250 (3-1/4") (continued)</b>								
D	4.687	2.187	3	4.125	.781	BCFJF		PS-7172
D	4.687	2.187	3	4.125	.781	VCFJF		PS-6201
D	4.687	2.187	3	4.125	.781	VLFZF	S	PS-2803
D	4.687	2.187	3	4.500	.781	BCFKF		PS-4175
E	4.125	3.125	3	4.125	.781	BCDJF		PS-330
E	4.125	3.125	3	4.125	.781	BCFKF		PS-7754
E	4.125	3.125	3	4.125	.781	BLFZF		PS-3246
E	4.125	3.125	3	4.125	.781	VCFKF	S	PS-3072
EB	4.125	3.500	—	—	—	BCF-F		FA-10144
EB	4.125	3.500	3	3.875	.625	BCFJF		PS-3050
EB	4.125	3.500	3	3.875	.625	VCFJF	316SS	PS-3256
EB	4.125	3.500	3	3.875	.625	VCFZF	316SS	PS-3268
G	4.094	2.187	1	4.125	.781	VLFLF	316SS	PS-3154
K	4.187	2.625	3	4.125	.781	VCFJF		PS-6227
K	4.187	2.875	3	4.125	.781	BCFLF		PS-4585
K	4.250	2.750	3	4.125	.781	VCFKF/VZFZF		PS-3258
K	4.250	2.875	3	4.125	.781	BCFKF	S	PS-7244
T	4.125	4.250	3	4.125/4.500	.781	VLFLF		PS-3255
U	4.125	3.032	3	4.125	.781	BCFJF		PS-4192
U	4.125	3.032	3	4.125	.781	BCFKF	C/S	PS-3255S
U	4.125	3.032	3	4.125	.781	VCFZF	C	PS-3157
U	4.125	3.437	3	4.125	.781	BZFZF	C	PS-4174
U	4.125	3.437	3	4.125	.781	QCFJF	316SS/C	PS-4475
U	4.125	3.437	3	4.125	.781	VCFKF	C	PS-4483
UB	4.125	3.812	5	3.875	.625	BCFZF	C	PS-4393
<b>3.375 (3-3/8")</b>								
C	4.500	2.187	3	4.250	.781	VCFKF	S	PS-6177
K	4.421	1.750	—	—	—	VCF-F		FA-3961
X	4.250	1.687	3	4.250	.781	V/TCFJF	316SS/S	PS-8706
X	4.250	1.687	3 Special	5.031	.750	VCFKF	316SS	PS-6179
<b>3.437 (3-7/16)</b>								
U	4.375	2.937	3	4.375	.781	VCPKF	S	PS-3505
X	4.312	1.687	3	4.312	.781	VCFK*	S	PS-8106
<b>3.500 (3-1/2)</b>								
C	4.625	2.187	3	4.375	.781	BCFJF	S	PS-6204
C	4.625	2.187	3	4.375	.781	BCFKF		PS-6245
C	4.625	2.187	3	4.375	.781	QCFZF		PS-4164
D	4.937	2.187	3	4.375	.781	V/BZFZF		PS-6221
D	4.937	2.187	3	4.375	.781	VZFZF		PS-3745
E	4.375	3.125	3	4.375	.781	BCFJF	I	PS-4019
E	4.375	3.125	3	4.375	.781	BCFKF		PS-4881
E	4.375	3.125	3	4.375	.781	VZFZF		PS-3143
G	4.402	2.189	3	4.375	.625	QCFLF		PS-3793
R	4.937	3.125	3	4.375	.781	BCFJF		PS-4236
T	4.375	3.562	3	4.375	.781	BCFKF	S	PS-4113
T	4.375	4.250	3	4.375	.781	BCFJF		PS-4168
U	4.375	3.125	—	—	—	BCF-F		FA-4027
U	4.375	3.625	3	4.750	.781	BCFJF		PS-3238
W	4.375	1.687	3	4.375	.781	T/VCFKF	316SS	PS-9352
W	4.375	1.687	3	4.375	.781	T/VCFZF	316SS	PS-9337
X	4.375	1.687	3	4.375	.781	VCFKF	316SS	PS-3862
<b>3.625 (3-5/8")</b>								
E	4.500	3.250	3	4.625	.781	BCFJF	S	PS-4043
E	4.500	3.250	3	4.781	.781	BZFZF		PS-3262
E	4.500	3.750	3	4.625	.562	BCFJF	C	PS-3499
R	5.125	3.765	3	5.125	.750	NCFKP		PS-4547
T	4.500	3.875	3	4.625	.562	BCFZF		PS-6237
T	4.500	3.875	3	4.625	.562	BLFZF		PS-3645
T	4.500	3.875	3	4.781	.781	BCFKF	I	PS-3553
T	4.625	3.875	3	4.625	.562	BCFJF		PS-3684
V	4.375	2.625	3	4.625	.562	BCFJF		PS-3779
V	4.500	3.875	3	4.781	.781	BCFJF		PS-8127
V	4.500	3.875	3	4.781	.781	BCFKF	I	PS-8054

# DIMENSIONAL CROSS-REFERENCE

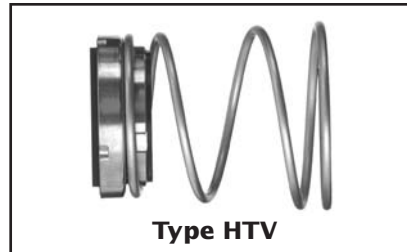
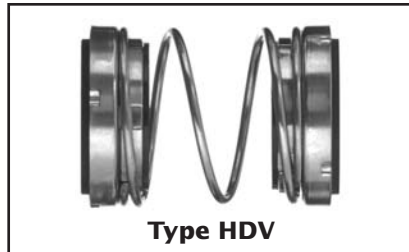
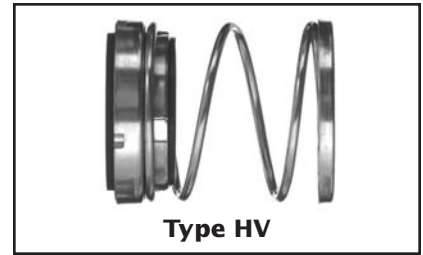
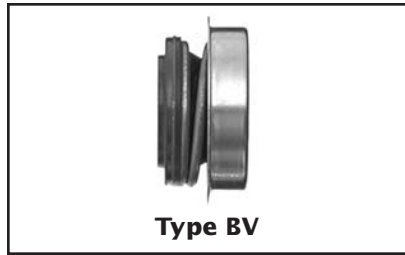
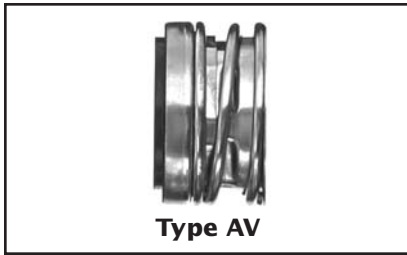
SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>3.750 (3-3/4")</b>								
C	4.875	2.312	3	4.625	.781	BCFJF	S	PS-272
D	5.250	2.312	3	4.625	.781	VCFJF		PS-6203
D	5.406	1.562	3	4.625	.781	BLFZF		PS-4014
E	4.625	3.250	3	4.625	.781	BCFJF		PS-4278
E	4.625	3.812	3	4.625	.856	VCFLF	C	PS-4142
K	4.875	2.875	3	4.625	.781	BLFLF		PS-3237
U	4.625	3.500	3	4.625	.781	BCDKF		PS-7986
WB	4.625	2.062	1	4.375	.781	T/VCFKF	316SS	PS-9708
X	4.625	1.687	3	4.625	.781	VCFJF	316SS/S	PS-8104
X	4.625	1.687	27	5.421	1.000	VCFSF	316SS	PS-8700
<b>3.875 (3-7/8")</b>								
D	5.437	2.437	3	5.125	.781	VFCGP		PS-3314
X	4.750	1.688	3	4.750	.781	VCFJF	316SS/I/S	PS-8055
X	4.750	1.688	3	4.750	.781	VCFKF	316SS/I/S	PS-8028
<b>4.000 (4")</b>								
D	5.562	2.437	3	4.875	.781	VZFLF		PS-2719
E	5.312	3.375	3	4.875	.781	BCFJF		PS-3257
EB	4.880	3.750	3	4.625	.781	BCFJF		PS-7853
K	5.125	2.875	3	4.875	.781	BCFZF		PS-3253
W	4.875	1.687	2	4.875	.781	TCFJF	316SS	PS-9351
X1	4.875	1.687	5	4.875	.781	BCEZE		PS-8563
<b>4.250 (4-1/4")</b>								
X	5.250	1.687	3	5.250	.781	VCFJF	316SS	PS-8126
<b>4.375 (4-3/8")</b>								
X	5.250	1.687	3	5.375	.781	VCFKF	316SS/S	PS-8060
<b>4.500 (4-1/2")</b>								
E	5.562	4.812	3	5.500	.781	BCFJF	316SS/C	PS-4529
<b>4.625 (4-5/8")</b>								
XB	5.625	2.062	3	5.375	.781	VCFZF	316SS	PS-8083
<b>4.750 (4-3/4")</b>								
D	6.500	3.000	3	5.750	.781	BCFJF		PS-4199
XB1	5.750	2.062	3	5.500	.781	BCFLF		PS-8067
<b>5.000 (5")</b>								
C	6.375	2.937	3	6.000	.781	VCFJF		PS-4430
E	6.375	4.125	—	—	—	VCF-F		FA-20137
E	6.375	4.125	3	6.000	.781	BCFJF		PS-4209
K	6.375	3.625	3	6.000	.781	BCFKF		PS-3155
K	6.375	3.781	3	6.000	.781	BCFJF		PS-2741
K	6.375	3.781	3	6.000	.781	BCFKF		PS-2140
V	6.125	4.968	—	—	—	BCF-F		FA-4414
V	6.125	4.968	3	6.781	.781	BCFKF		PS-4414
X	6.000	1.688	3	6.000	.781	VLFZF	316SS	PS-8087
<b>5.625 (5-5/8")</b>								
D	7.687	2.750	3	6.625	.781	VCFJF	S	PS-6230

## NOTES

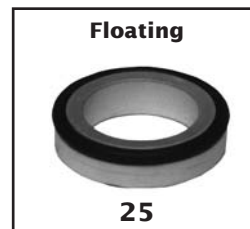
- |  |  |
|--|--|
| A. MOUNTS ON SHAFT<br>B. TAPERED SPRING<br>C. COMPLETE WITH COLLAR<br>G. MOUNTS IN PLASTIC | H. SPRING HOLDER NOT INCLUDED<br>I. ABRASION RESISTANT CARBON (P66)<br>N. NON-STANDARD SPRING HOLDER<br>S. SLOTTED MATING RING |
|--|--|

On the head styles C, D and E, springholders may be included with seal but may not be necessary for the seal installation. Inspect old seal to verify if the springholder is required.

## HEAD TYPES

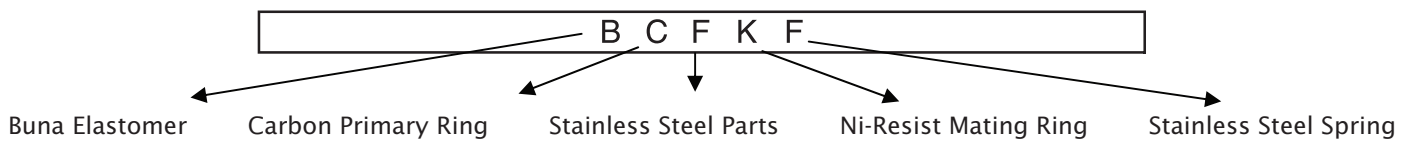


## MATING RING DESIGNS



## MATERIAL CODE

SECONDARY SEALS	PRIMARY RINGS	METAL PARTS	MATING RINGS	SPRINGS
B. Buna	C. Carbon	F. Stainless Steel	J. Ceramic	F. Stainless Steel
Q. EPR	L. Silicon Carbide		K. Ni-Resist	
V. Viton®	M. Molded Plastic		L. Silicon Carbide	
X. AFLAS®				



See Pages 168-177 for the Value Guard Metric Line.

# INCH

SEAL HEAD			MATING RING			Material Code	NOTES	Value Guard Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>.500 (1/2")</b>								
AV	.928	.656	1	1.000	.312	BMFJF		VG-162
BV	1.125	.537	—	—	—	BMF-F		VG-150
BV	1.125	.537	1	1.000	.218	BMFJF		VG-142
BV	1.125	.537	1	1.000	.312	BMFJF		VG-163
HV	.898	.718	1	.938	.225	BCFJF		VG-392
HV	.898	.718	1	.938	.225	VCFJF		VG-392V
HV	.898	.812	1	1.000	.312	BCFJF		VG-1002
HV	.898	.812	1	1.000	.312	BCFKF		VG-106
HV	.898	.812	1	1.000	.312	VLFLF		VG-30750
HV	.937	.625	1	.938	.225	QLFLF		VG-3920
Special	.945	.812	1	1.000	.312	BLFLF		VG-3909
<b>.625 (5/8")</b>								
AV	1.200	.718	Special	—	—	BMFJ/MF	G	VG-2131
AV	1.200	.718	1	1.084	.175	BMFJF		VG-21084
AV	1.200	.718	1	1.187	.288	BMFJF		VG-702
AV	1.200	.718	1	1.187	.288	BMFKF		VG-701
AV	1.200	.718	1	1.187	.343	BMFJF		VG-100
AV	1.200	.718	1	1.187	.343	VCFJF		VG-100V-CMS
AV	1.200	.718	3	1.187	.343	VCFJF		VG-100V
AV	1.200	.718	1	1.250	.406	BCFJF		VG-516
AV	1.200	.718	1	1.250	.406	BMFJF		VG-200
AV	1.200	.718	1	1.250	.406	BMFJF		VG-300
AV	1.200	.718	1	1.250	.406	VCFJF		VG-200V-CMS
AV	1.200	.718	3	1.250	.406	VCFJF		VG-200V
AV	1.200	.718	1	1.375	.562	BMFJF		VG-528
AV	1.200	.718	3	1.437	.312	BMFJF		VG-2014
AV	1.200	.718	14	.815	.312	BMFKF		VG-293
AV	1.200	.812	1	1.250	.406	BMFJF		VG-501
AV	1.200	.812	3	1.250	.406	VCFJF		VG-501V
AV	1.200	.875	3	1.250	.406	BMFJF		VG-637
BV	1.437	.615	1	1.187	.288	BMFJF		VG-700
BV	1.437	.615	1	1.187	.343	BMFJF		VG-600
BV	1.437	.615	1	1.187	.343	VMFJF		VG-600V
BV	1.437	.615	1	1.250	.406	BCFJF		VG-961
BV	1.437	.615	1	1.250	.406	BMFJF		VG-1000
BV	1.437	.615	1	1.250	.406	VCFLF*	316SS	VG-9596
BV	1.437	.615	8	—	.215	BCFJF	A	VG-447
BV	1.437	.615	8	—	.215	VCFJF	A	VG-447V
BV	1.437	.615	11	—	.487	BMFJF	A	VG-411
BV	1.437	.615	11	—	.487	VMFJF	A	VG-411V
HTV	1.055	.875	1	1.250	.406	BCFJF	B	VG-508
HTV	1.055	.875	1	1.250	.406	BCFKF	B	VG-102
HV	1.055	.718	1	1.250	.406	BCFJF		VG-2160
HV	1.055	.844	1	1.187	.343	BCFJF		VG-118
HV	1.055	.844	1	1.250	.406	BCFJF		VG-290
HV	1.055	.844	1	1.250	.406	VCFJF		VG-290V
HV	1.055	.875	1	1.187	.288	BCFKF		VG-493
HV	1.055	.875	1	1.250	.406	BCFJF		VG-359
HV	1.055	.875	1	1.250	.406	BCFKF		VG-633
HV	1.055	.875	1	1.250	.406	VCFJF		VG-359V-CMS
HV	1.055	.875	3	1.250	.406	BCFJF		VG-552
HV	1.055	.875	3	1.250	.406	VCFJF		VG-359V
HV	1.055	.875	3	1.250	.406	VCFKF		VG-633V
HV	1.055	1.187	1	1.156	.312	BCFJF		VG-800
HV	1.055	1.312	1	1.250	.406	BCFJF		VG-274
HV	1.055	1.312	1	1.250	.406	BCFKF		VG-487
HV	1.062	.875	1	1.250	.406	VLFLF		VG-30760
HV	1.062	1.312	1	1.250	.406	VLFLF		VG-30810
Special	1.303	1.200	25	1.060	.406	QCFLF		VG-9661
Special	1.303	1.200	25	1.060	.406	QLFLF		VG-9622
Special	1.303	1.200	25	1.060	.406	VCFLF		VG-9660
Special	1.303	1.200	25	1.060	.406	VLFLF		VG-9662
<b>.750 (3/4")</b>								
AV	1.295	.718	1	1.375	.406	BMFJF		VG-201
AV	1.295	.718	1	1.375	.406	QMJFJ		VG-201E-CMS

**NOTE:** A. MOUNTS ON SHAFT  
 B. TAPERED SPRING  
 G. MOUNTS IN PLASTIC  
 \* GRAPHITE LOADED SILICON CARBIDE

# INCH

SEAL HEAD			MATING RING			Material Code	NOTES	Value Guard Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>.750 (3/4") (continued)</b>								
AV	1.295	.718	1	1.375	.406	VCFJF		VG-201V-CMS
AV	1.295	.718	3	1.375	.406	VCFJF		VG-201V
AV	1.295	.718	1	1.437	.406	BMFJF		VG-101
BV	1.575	.615	1	1.375	.406	BMFJF		VG-601
BV	1.575	.615	3	1.375	.406	VCFJF		VG-601V
BV	1.575	.615	9	—	.281	BMFKF	A	VG-902
HTV	1.161	.843	1	1.375	.406	BCFJF	B	VG-128
HV	1.161	.718	1	1.375	.406	BCFJF		VG-877
HV	1.161	.718	1	1.375	.406	VCFJF		VG-877V-CMS
HV	1.161	.875	1	1.275	.281	BCFJF		VG-437
HV	1.161	.875	1	1.275	.281	VCFJF		VG-437V
HV	1.161	.875	1	1.375	.406	BCFJF		VG-358
HV	1.161	.875	1	1.375	.406	BCFKF		VG-112
HV	1.161	.875	1	1.375	.406	VCFJF		VG-358V-CMS
HV	1.161	.875	1	1.375	.406	VLFLF		VG-3018
HV	1.161	.875	1	1.375	.406	VLFLF		VG-30780
HV	1.161	.875	3	1.375	.406	VCFJF		VG-358V
HV	1.161	.875	3	1.375	.406	VCFKF		VG-112V
<b>.875 (7/8")</b>								
HDV	1.323	1.625	1	1.500	.406	BCFJF		VG-428
HV	1.323	.812	1	1.437	.265	BCFJF		VG-790
HV	1.323	.812	1	1.437	.265	VCFJF		VG-790V-CMS
HV	1.323	.937	1	1.500	.406	BCFJF		VG-309
HV	1.323	.937	1	1.500	.406	BCFKF		VG-687
HV	1.323	.937	1	1.500	.406	VCFJF		VG-309V
HV	1.323	.937	3	1.500	.406	BCFJF		VG-774
HV	1.323	.937	3	1.500	.406	BCFKF		VG-617
HV	1.323	1.375	1	1.500	.406	BCFJF		VG-188
HV	1.323	1.375	1	1.500	.406	BCFKF		VG-935
HV	1.323	1.375	3	1.500	.406	BCFJF		VG-776
HV	1.323	1.375	3	1.500	.406	BCFKF		VG-229
<b>1.000 (1")</b>								
AV	1.552	.812	1	1.625	.437	BMFJF		VG-360
AV	1.552	.812	25	1.625	.625	BMFJF		VG-405
HDV	1.539	1.625	1	1.625	.437	BCFJF		VG-879
HDV	1.539	1.625	1	1.625	.437	BCFKF		VG-891
HDV	1.539	1.875	1	1.625	.437	BCFJF		VG-429
HDV	1.539	1.875	1	1.625	.437	BCFKF		VG-430
HDV	1.539	1.875	1	1.625	.437	VLFLF		VG-879V-SC-SC-CMS
HTV	1.539	1.000	1	1.625	.437	BCFJF	B	VG-245
HTV	1.539	1.000	1	1.625	.437	VCFJF	B	VG-245V-CMS
HTV	1.539	1.000	25	1.625	.625	BCFLF	B	VG-413
HV	1.539	1.000	1	1.625	.437	BCFJF		VG-235
HV	1.539	1.000	1	1.625	.437	BCFKF		VG-357
HV	1.539	1.000	1	1.625	.437	VCFJF		VG-235V-CMS
HV	1.539	1.000	1	1.625	.437	VLFLF		VG-30790
HV	1.539	1.000	3	1.625	.312	BCFKF		VG-1630
HV	1.539	1.000	3	1.625	.437	BCFJF		VG-548
HV	1.539	1.000	3	1.625	.437	BCFKF		VG-499
HV	1.539	1.000	3	1.625	.437	VCFJF		VG-548V
HV	1.539	1.562	1	1.625	.437	BCFJF		VG-754
HV	1.539	1.562	1	1.625	.437	BCFKF		VG-236
HV	1.539	1.562	1	1.625	.437	VLFLF		VG-30820
HV	1.539	1.562	3	1.625	.437	BCFJF		VG-557
HV	1.539	1.562	3	1.625	.437	BCFKF		VG-791
<b>1.062 (1-1/16")</b>								
Special	1.625	1.593	3	1.750	.437	BCFJF		VG-798
Special	1.625	1.593	3	1.750	.437	VCFJF		VG-798V
HV	1.673	1.157	3	1.750	.345	VCFLF		VG-110608V
<b>1.125 (1-1/8")</b>								
HV	1.673	1.062	1	1.750	.437	BCFJF		VG-356
HV	1.673	1.062	1	1.750	.437	BCFKF		VG-355
HV	1.673	1.062	1	1.750	.437	VCFJF		VG-356V-CMS



# INCH

SEAL HEAD			MATING RING			Material Code	NOTES	Value Guard Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.125 (1-1/8") (continued)</b>								
HV	1.673	1.062	1	1.750	.437	VCFKF		VG-355V
HV	1.673	1.062	1	1.750	.437	VLFLF		VG-3029
HV	1.673	1.062	3	1.750	.437	BCFJF		VG-801
HV	1.673	1.062	3	1.750	.437	BCFKF		VG-529
HV	1.673	1.062	3	1.750	.437	VCFJF		VG-356V
HV	1.673	1.625	1	1.750	.437	BCFJF		VG-204
HV	1.673	1.625	1	1.750	.437	BCFKF		VG-384
HV	1.673	1.625	1	1.750	.437	VCFJF		VG-204V-CMS
HV	1.673	1.625	3	1.750	.437	BCFJF		VG-866
HV	1.673	1.625	3	1.750	.437	BCFKF		VG-867
<b>1.250 (1-1/4")</b>								
HTV	1.795	1.062	1	1.765	.365	BCFJF	B	VG-978
HTV	1.795	1.062	1	1.765	.365	BCFKF	B	VG-979
HTV	1.795	1.062	1	1.765	.365	VCFJF	B	VG-978V
HTV	1.795	1.062	1	1.875	.437	BCFJF	B	VG-246
HTV	1.795	1.062	1	1.875	.437	BCFKF	B	VG-249
HTV	1.795	1.062	1	1.875	.437	VCFJF	B	VG-246V-CMS
HTV	1.795	1.062	25	2.250	.625	BCFJF	B	VG-416A
HV	1.795	1.062	1	1.875	.437	BCFJF		VG-185
HV	1.795	1.062	1	1.875	.437	BCFKF		VG-756
HV	1.795	1.062	1	1.875	.437	VCFJF		VG-185V-CMS
HV	1.795	1.062	1	1.875	.437	VCFKF		VG-756V-CMS
HV	1.795	1.062	1	1.875	.437	VLFLF		VG-3017
HV	1.795	1.062	1	1.875	.437	VLFLF		VG-30800
HV	1.795	1.062	1	1.875	.437	XCFLF		VG-4103
HV	1.795	1.062	3	1.875	.437	BCFKF		VG-598
HV	1.795	1.062	3	1.875	.437	VCFJF		VG-185V
HV	1.795	1.062	3	1.875	.437	VCFKF		VG-756V
HV	1.795	1.062	1	2.000	.437	BCFJF		VG-466
HV	1.795	1.062	1	2.000	.437	VCFJF		VG-466V-CMS
HV	1.795	1.062	3	2.000	.437	BCFJF		VG-2230
HV	1.795	1.062	3	2.000	.437	BCFKF		VG-1018
HV	1.795	1.625	1	1.875	.437	BCFJF		VG-361
HV	1.795	1.625	1	1.875	.437	BCFJF		VG-2122
HV	1.795	1.625	1	1.875	.437	BCFKF		VG-137
HV	1.795	1.625	1	1.875	.437	VCFJF		VG-2122V
HV	1.795	1.625	1	1.875	.437	VLFLF		VG-30830
HV	1.795	1.625	3	1.875	.437	BCFJF		VG-546
HV	1.795	1.625	3	1.875	.437	BCFKF		VG-1109
<b>1.375 (1-3/8")</b>								
HV	1.929	1.875	1	2.140	.437	BCFJF		VG-1104
HTV	1.929	.900	25	2.000	.500	BCFLF	B	VG-929
HV	1.929	1.125	1	2.000	.437	BCFJF		VG-177
HV	1.929	1.125	1	2.000	.437	BCFKF		VG-210
HV	1.929	1.125	1	2.000	.437	VLFLF		VG-177V-SC-SC-CMS
HV	1.929	1.125	3	2.000	.437	BCFJF		VG-805
HV	1.929	1.125	3	2.000	.437	BCFKF		VG-547
HV	1.929	1.687	1	2.000	.437	BCFJF		VG-354
HV	1.929	1.687	1	2.000	.437	BCFKF		VG-677
HV	1.929	1.687	3	2.000	.437	BCFJF		VG-864
HV	1.929	1.687	3	2.000	.437	BCFKF		VG-865
<b>1.500 (1-1/2")</b>								
HTV	2.047	1.125	1	2.125	.437	BCFJF	B	VG-347
HV	2.047	1.125	1	2.125	.437	BCFJF		VG-758
HV	2.047	1.125	1	2.125	.437	BCFKF		VG-659
HV	2.047	1.125	1	2.125	.437	VCFJF		VG-758V-CMS
HV	2.047	1.125	1	2.125	.437	VCFKF		VG-659V-CMS
HV	2.047	1.125	1	2.125	.437	VLFLF		VG-30770
HV	2.047	1.125	3	2.125	.437	BCFJF		VG-816
HV	2.047	1.125	3	2.125	.437	BCFKF		VG-553
HV	2.047	1.125	3	2.125	.437	VCFJF		VG-758V
HV	2.047	1.125	3	2.125	.437	VCFKF		VG-659V
HV	2.047	1.688	1	2.125	.437	BCFJF		VG-305

**NOTE:** B. TAPERED SPRING

# INCH

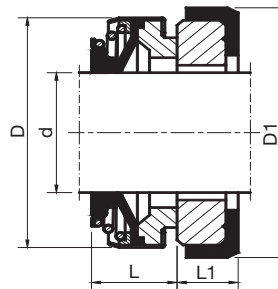
SEAL HEAD			MATING RING			Material Code	NOTES	Value Guard Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>1.500 (1-1/2") (continued)</b>								
HV	2.047	1.688	1	2.125	.437	BCFKF		VG-374
HV	2.047	1.688	1	2.125	.437	VFLFLF		VG-30840
HV	2.047	1.688	3	2.125	.437	BCFJF		VG-395
HV	2.047	1.688	3	2.125	.437	BCFKF		VG-1110
HV	2.047	1.688	3	2.312	.437	VCFKF		VG-1648
<b>1.625 (1-5/8")</b>								
HTV	2.252	1.312	25	2.5	.812	BCFLF	B	VG-7497
HTV	2.252	1.375	1	2.375	.500	BCFJF	B	VG-514
HV	2.252	1.375	1	2.375	.500	BCFJF		VG-238
HV	2.252	1.375	1	2.375	.500	BCFKF		VG-239
HV	2.252	1.375	1	2.375	.500	VCFJF		VG-238V-CMS
HV	2.252	1.375	1	2.375	.500	VFLFLF		VG-30850
HV	2.252	1.375	3	2.625	.500	BCFKF		VG-1019
HV	2.252	2.000	1	2.375	.500	BCFJF		VG-745
HV	2.252	2.000	1	2.375	.500	BCFKF		VG-744
HV	2.252	2.000	3	2.375	.500	BCFJF		VG-1683
HV	2.252	2.000	3	2.375	.500	BCFKF		VG-822
HV	2.300	1.375	3	2.375	.500	BCFJF		VG-818
<b>1.750 (1-3/4")</b>								
HV	2.394	1.375	1	2.625	.500	BCFJF		VG-7252
HV	2.394	1.375	1	2.500	.500	BCFJF		VG-446
HV	2.394	1.375	1	2.500	.500	BCFKF		VG-448
HV	2.394	1.375	1	2.500	.500	VCFJF		VG-446V-CMS
HV	2.394	1.375	3	2.500	.500	BCFJF		VG-550
HV	2.394	1.375	3	2.500	.500	BCFKF		VG-436
HV	2.394	1.375	3	2.500	.500	VCFJF		VG-550V
HV	2.394	1.375	3	2.500	.500	VLFZF		VG-4361
HV	2.394	2.000	1	2.500	.500	BCFJF		VG-205
HV	2.394	2.000	1	2.500	.500	BCFKF		VG-366
HV	2.394	2.000	3	2.500	.500	BCFJF		VG-535
HV	2.394	2.000	3	2.500	.500	BCFKF		VG-262
<b>1.875 (1-7/8")</b>								
HV	2.516	2.000	1	2.640	.406	BCFJF		VG-1105
HV	2.516	1.500	1	2.625	.500	BCFJF		VG-340
HV	2.516	1.500	1	2.625	.500	BCFKF		VG-1608
HV	2.516	1.500	1	2.625	.500	VCFJF		VG-340V
HV	2.516	1.500	3	2.625	.500	BCFJF		VG-2114
HV	2.516	1.500	3	2.625	.500	BCFKF		VG-593
HV	2.516	2.125	1	2.625	.500	BCFJF		VG-523
HV	2.516	2.125	1	2.625	.500	BCFKF		VG-513
HV	2.516	2.125	3	2.625	.500	BCFJF		VG-2071
HV	2.516	2.125	3	2.625	.500	BCFKF		VG-2072
<b>1.937 (1-15/16")</b>								
HV	2.583	2.125	—	—	—	VCF-F		VG-1937
<b>2.000 (2")</b>								
AV	2.913	1.375	2	2.750	.375	VCFLF		VG-3004V
HV	2.583	1.500	1	2.750	.500	BCFJF		VG-267
HV	2.583	1.500	1	2.750	.500	BCFKF		VG-842
HV	2.583	1.500	3	2.750	.500	BCFJF		VG-532
HV	2.583	1.500	3	2.750	.500	BCFKF		VG-332
HV	2.583	2.125	1	2.750	.500	BCFJF		VG-479
HV	2.583	2.125	1	2.750	.500	BCFKF		VG-843
HV	2.583	2.125	1	2.750	.500	VCFJF		VG-479V
HV	2.583	2.125	3	2.750	.500	BCFJF		VG-530
HV	2.583	2.125	3	2.750	.500	BCFKF		VG-477
<b>2.125 (2-1/8")</b>								
HV	2.819	2.250	1	3.187	.562	BCFJF		VG-1107
HV	2.819	1.687	1	3.000	.562	BCFJF		VG-844
HV	2.819	1.687	1	3.000	.562	BCFKF		VG-543
HV	2.819	1.687	3	3.000	.562	BCFJF		VG-338
HV	2.819	1.687	3	3.000	.562	VLFZF		VG-4360
HV	2.819	2.375	1	3.000	.562	BCFJF		VG-537

# INCH

SEAL HEAD			MATING RING			Material Code	NOTES	Value Guard Part No.
Fig.	OD	Oper Hgt.	Fig.	Bore	Thick			
<b>2.250 (2-1/4")</b>								
HV	2.819	2.375	1	3.000	.562	BCFKF		VG-353
HV	2.819	2.375	3	3.000	.562	BCFJF		VG-327
HV	2.819	2.375	3	3.000	.562	BCFKF		VG-2086
HV	3.027	1.688	1	3.125	.562	BCFJF		VG-1679
HV	3.027	1.688	1	3.125	.562	BCFKF		VG-1680
HV	3.027	1.688	1	3.125	.562	VCFJF		VG-1679V
HV	3.027	1.688	1	3.125	.562	VCFKF		VG-1680V
HV	3.027	1.688	3	3.125	.562	BCFJF		VG-1678
HV	3.027	1.688	3	3.125	.562	BCFKF		VG-1676
HV	3.027	2.375	1	3.125	.562	BCFJF		VG-323
HV	3.027	2.375	1	3.125	.562	BCFKF		VG-351
HV	3.027	2.375	3	3.125	.562	BCFJF		VG-848
HV	3.027	2.375	3	3.125	.562	BCFKF		VG-849
<b>2.375 (2-3/8")</b>								
HV	3.087	1.813	1	3.250	.562	BCFJF		VG-268-CMS
HV	3.087	1.813	1	3.250	.562	BCFKF		VG-492-CMS
HV	3.087	1.813	3	3.250	.562	BCFJF		VG-268
HV	3.087	1.813	3	3.250	.562	BCFKF		VG-492
HV	3.087	2.500	1	3.250	.562	BCFJF		VG-2097-CMS
HV	3.087	2.500	1	3.250	.562	BCFKF		VG-350-CMS
HV	3.087	2.500	3	3.250	.562	BCFJF		VG-2097
HV	3.087	2.500	3	3.250	.562	BCFKF		VG-350
<b>2.500 (2-1/2")</b>								
HV	3.197	1.813	3	3.375	.562	BCFJF		VG-269
HV	3.197	1.813	3	3.375	.562	BCFKF		VG-853
HV	3.197	2.500	3	3.375	.562	BCFJF		VG-279
HV	3.197	2.500	3	3.375	.562	BCFKF		VG-349
Spec	3.268	1.811	25	3.375	.562	QCFLF		VG-3804
<b>2.625 (2-5/8")</b>								
HV	3.327	1.937	3	3.375	.625	BCFJF		VG-7909
HV	3.327	2.750	3	3.375	.625	BCFJF		VG-328
HV	3.327	2.750	3	3.375	.625	BCFKF		VG-542
<b>2.750 (2-3/4")</b>								
HV	3.528	1.937	3	3.500	.625	BCFJF		VG-836
HV	3.528	1.937	3	3.500	.625	BCFKF		VG-483
HV	3.528	2.750	3	3.500	.625	BCFJF		VG-838
HV	3.528	2.750	3	3.500	.625	BCFKF		VG-321
HDV	3.528	3.750	1	3.500	.625	BCFKF		VG-322-CMS
HDV	3.528	3.750	3	3.500	.625	BCFKF		VG-322
<b>3.000 (3")</b>								
HV	2.386	2.000	1	2.500	.500	VFLF		VG-30860
HV	3.803	2.062	3	3.875	.625	BCFJF		VG-761
HV	3.803	2.062	3	3.875	.625	BCFKF		VG-465
HV	3.803	2.813	3	3.875	.625	BCFJF		VG-324
HV	3.803	2.813	3	3.875	.625	BCFKF		VG-475

**Type VGMA - Complete Seal**

Similar To:  
AES B01, BT/Burgmann AR  
Roten 37B, Vulcan 18



**Features**

Single Seal - Unbalanced  
Bi-Directional  
Elastomer Bellows

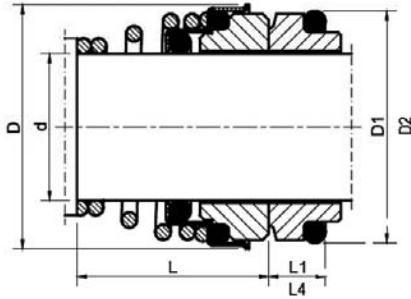
**Materials\***

Phenolic (plastic) Rotating Face  
Ceramic Mating Ring  
Buna Elastomer  
304SS Metallurgy

\* Other materials available upon request \*

Seal Size d	Head		Mating Ring		Value Guard Part No.
	OD D	Oper. Hgt. L	Bore D1	Thick L1	
6	18	8	22.0	4.0	VGM-8062
8a	20	11	26.0	4.0	VGM-8063
8b	20	11	22.0	4.0	VGM-8064
8c	24	11	26.0	8.0	VGM-8065
9	24	11	26.0	8.0	VGM-8020
10	24	11	26.0	8.0	VGM-8021
11	24	11	26.0	8.0	VGM-8022
12a	24	13	26.0	5.5	VGM-8066
12b	24	13	26.0	8.0	VGM-8060
12c	32	13	35.0	8.0	VGM-8067
13	24	13	26.0	8.0	VGM-8023
14a	28	13	25.0	7.0	VGM-8068
14b	28	13	28.5	8.0	VGM-8024
14c	32	13	29.5	8.0	VGM-8070
14d	32	13	35.0	8.0	VGM-8071
15a	32	13	29.5	8.0	VGM-8025
15b	32	13	38.0	8.0	VGM-8072
15c	35	13	38.0	8.0	VGM-8073
16a	32	13	29.5	8.0	VGM-8026
16b	35	13	38.0	8.0	VGM-8074
16c	39	13	38.0	8.0	VGM-8075
16d	39	13	42.0	8.0	VGM-8076
17	39	13	42.0	8.0	VGM-8027
18	39	13	42.0	8.0	VGM-8028
19	39	13	42.0	8.0	VGM-8029
20a	39	13	42.0	8.0	VGM-8077
20b	42	13	45.0	10.0	VGM-8078
22	42	13	45.0	10.0	VGM-8030
23	47	14	50.0	10.0	VGM-8079
24	47	14	50.0	10.0	VGM-8031
25a	42	14	50.0	10.0	VGM-8032
25b	47	14	50.0	10.0	VGM-8080
26	47	14	50.0	10.0	VGM-8081
28	54	15	57.0	10.0	VGM-8033
30	54	15	57.0	10.0	VGM-8034
32	54	15	57.0	10.0	VGM-8035
35	60	16	63.0	10.0	VGM-8082
38	65	18	68.0	12.0	VGM-8036
40	65	18	68.0	12.0	VGM-8037
45	70	20	73.0	12.0	VGM-8083
50	85	23	88.0	15.0	VGM-8084
55	85	23	88.0	15.0	VGM-8085
60	105	30	110.0	15.0	VGM-8086
65	105	32	110.0	15.0	VGM-8098
70	105	32	110.0	15.0	VGM-8087

**Type VGMB - Complete Seal**



Similar To:  
AES T04, BT/ Burgmann FN  
Roten 3, Vulcan 13



Seal Size d	Head		Mating Ring				Value Guard Part No.
	OD D	Oper. Hgt. L	Bore D1	Bore D2	Thick L1	Thick L4	
10	20	15	18.1	—	5.5	—	VGM-8000
10	20	15	—	21	—	7.0	VGM-8000D
11	22	18	20.6	—	5.5	—	VGM-8001
12	22	18	20.6	—	5.5	—	VGM-8002
12	22	18	—	23	—	7.0	VGM-8002D
13	25	22	23.1	—	6.0	—	VGM-8003
14	25	22	23.1	—	6.0	—	VGM-8004
14	25	22	—	25	—	7.0	VGM-8004D
15	29	22	26.9	—	7.0	—	VGM-8005
16	29	23	26.9	—	7.0	—	VGM-8006
16	29	23	—	27	—	7.0	VGM-8006D
17	29	23	26.9	—	7.0	—	VGM-8007
18	33	24	30.9	—	8.0	—	VGM-8008
18	33	24	—	33	—	10.0	VGM-8008D
19	33	25	30.9	—	8.0	—	VGM-8009
20	33	25	30.9	—	8.0	—	VGM-8010
20	33	25	—	35	—	10.0	VGM-8010D
22	38	25	35.4	—	8.0	—	VGM-8011
22	38	25	—	37	—	10.0	VGM-8011D
24	38	27	35.4	—	8.0	—	VGM-8012
24	38	27	—	39	—	10.0	VGM-8012D
25	40	27	38.2	—	8.5	—	VGM-8013
25	40	27	—	40	—	10.0	VGM-8013D
28	46	29	43.3	—	9.0	—	VGM-8014
28	46	29	—	43	—	10.0	VGM-8014D
30	46	30	43.3	—	9.0	—	VGM-8015
30	46	30	—	45	—	10.0	VGM-8015D
32	46	30	43.3	—	9.0	—	VGM-8016
32	46	30	—	48	—	10.0	VGM-8016D
33	48	39	53.5	—	11.5	—	VGM-8099
33	48	39	—	48	—	10.0	VGM-8099D
35	50	39	53.5	—	11.5	—	VGM-8017
35	50	39	—	50	—	10.0	VGM-8017D
38	55	39	60.5	—	11.5	—	VGM-8018
38	55	39	—	56	—	13.0	VGM-8018D
40	55	39	60.5	—	11.5	—	VGM-8019
40	55	39	—	58	—	13.0	VGM-8019D

**Features**

D2 and L4 columns refer to DIN 24960  
(Corresponding Part Numbers end in D)  
Single Seal - Unbalanced  
Uni-Directional  
Conical Spring

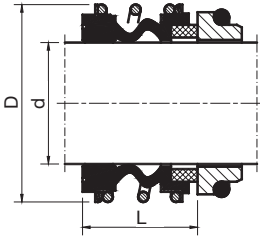
**Materials\***

Ceramic Rotating Face  
Carbon Mating Ring  
Buna Elastomer  
304SS Metallurgy

\* Other materials available upon request \*

**Types VGMC-1 and VGMC-12 - Rotary Heads**

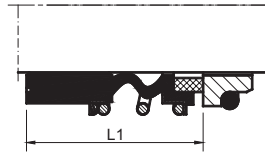
Similar To:  
AES B02 & B012, Burgmann MG1 & MG12  
Vulcan 19 & 192



Type VGMC-1

**Features**

To DIN 24960 (VGMC-12)  
Single Seal - Unbalanced  
Bi-Directional  
Elastomer Bellows



Type VGMC-12

Seal Size d	Head OD D
10	22.5
12	25.0
14	28.5
15	28.5
16	28.5
18	32.0
20	37.0
22	37.0
24	42.5
25	42.5
28	49.0
30	49.0
32	53.5
33	53.5
35	57.0
38	59.0
40	62.0
42	65.5
43	65.5
45	68.0
48	70.5
50	74.0
53	78.5
55	81.0
58	85.5
60	88.5
65	93.5
68	96.5
70	99.5
75	107.0
80	112.0
85	120.0
90	127.0
95	132.0
100	137.0

VGMC-1		
Oper. Hgt. L	Buna/Carbon Part No.	Viton®/SC Part No.
14.5	HD-8090M	HD-8125M
15.0	HD-8091M	HD-8126M
17.0	HD-8092M	HD-8127M
17.0	HD-8093M	HD-8128M
17.0	HD-8094M	HD-8129M
19.5	HD-8095M	HD-8130M
21.5	HD-8096M	HD-8131M
21.5	HD-8097M	HD-8132M
22.5	HD-8098M	HD-8133M
23.0	HD-8099M	HD-8038M
26.5	HD-8100M	HD-8046M
26.5	HD-8101M	HD-8134M
27.5	HD-8102M	HD-8135M
27.5	HD-8103M	HD-8136M
28.5	HD-8104M	HD-8137M
30.0	HD-8105M	HD-8138M
30.0	HD-8106M	HD-8139M
30.0	HD-8107M	HD-8140M
30.0	HD-8108M	HD-8141M
30.0	HD-8109M	HD-8047M
30.5	HD-8110M	HD-8142M
30.5	HD-8111M	HD-8048M
33.0	HD-8112M	HD-8143M
35.0	HD-8113M	HD-8144M
37.0	HD-8114M	HD-8145M
38.0	HD-8115M	HD-8146M
40.0	HD-8116M	HD-8147M
40.0	HD-8117M	HD-8148M
40.0	HD-8118M	HD-8049M
40.0	HD-8119M	HD-8050M
40.0	HD-8120M	HD-8149M
41.0	HD-8121M	HD-8150M
45.0	HD-8122M	HD-8151M
46.0	HD-8123M	HD-8152M
47.0	HD-8124M	HD-8153M

VGMC-12		
Oper. Hgt. L1	Buna/Carbon Part No.	Viton®/SC Part No.
25.9	HD-8154M	HD-8189M
25.9	HD-8155M	HD-8190M
28.4	HD-8156M	HD-8191M
28.4	HD-8157M	HD-8192M
28.4	HD-8158M	HD-8193M
30.0	HD-8159M	HD-8194M
30.0	HD-8160M	HD-8195M
30.0	HD-8161M	HD-8196M
32.5	HD-8162M	HD-8197M
32.5	HD-8163M	HD-8198M
35.0	HD-8164M	HD-8199M
35.0	HD-8165M	HD-8200M
35.0	HD-8166M	HD-8201M
35.0	HD-8167M	HD-8202M
35.0	HD-8168M	HD-8203M
36.0	HD-8169M	HD-8204M
36.0	HD-8170M	HD-8205M
36.0	HD-8171M	HD-8206M
36.0	HD-8172M	HD-8207M
36.0	HD-8173M	HD-8208M
36.0	HD-8174M	HD-8209M
38.0	HD-8175M	HD-8210M
36.5	HD-8176M	HD-8211M
36.5	HD-8177M	HD-8212M
41.5	HD-8178M	HD-8213M
41.5	HD-8179M	HD-8214M
41.5	HD-8180M	HD-8215M
41.5	HD-8181M	HD-8216M
48.7	HD-8182M	HD-8217M
48.7	HD-8183M	HD-8218M
48.0	HD-8184M	HD-8219M
46.0	HD-8185M	HD-8220M
51.0	HD-8186M	HD-8221M
51.0	HD-8187M	HD-8222M
51.0	HD-8188M	HD-8223M

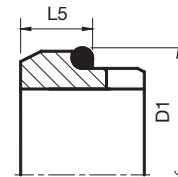
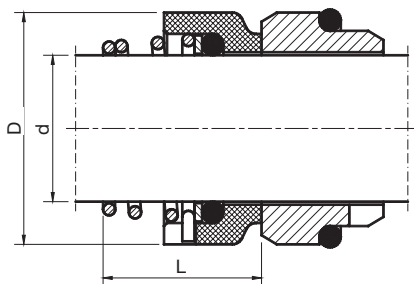
Mating Rings sold separately. For part numbers, see pages 176-177.

\* Additional Mating Ring Styles and Materials Available Upon Request.

# METRIC

## Type VGMD - Rotary Head

Similar To:  
Burgmann M2



Seal Size d	VGMD Rotary Head	
	OD D	Oper. Hgt. L
6	15	—
8	18	—
10	20	17.5
12	22	17.5
14	25	17.5
15	27	18.0
16	27	19.5
18	30	20.5
20	32	22.0
22	35	23.5
24	38	25.0
25	40	26.5
26	41	26.5
28	43	26.5
30	47	26.5
32	48	28.5
35	53	28.5
38	56	33.5

Viton® / Carbon Specify Rotation	
Right Hand Part No.	Left Hand Part No.
HD-8224MRH	HD-8224MLH
HD-8225MRH	HD-8225MLH
HD-8226MRH	HD-8226MLH
HD-8227MRH	HD-8227MLH
HD-8228MRH	HD-8228MLH
HD-8229MRH	HD-8229MLH
HD-8230MRH	HD-8230MLH
HD-8231MRH	HD-8231MLH
HD-8232MRH	HD-8232MLH
HD-8233MRH	HD-8233MLH
HD-8234MRH	HD-8234MLH
HD-8235MRH	HD-8235MLH
HD-8236MRH	HD-8236MLH
HD-8237MRH	HD-8237MLH
HD-8238MRH	HD-8238MLH
HD-8239MRH	HD-8239MLH
HD-8240MRH	HD-8240MLH
HD-8241MRH	HD-8241MLH

Standard Mating Ring VGM-G9	
Bore D1	Thick L5
—	—
—	—
21	10.0
23	10.0
25	10.0
27	10.0
27	10.0
33	11.5
35	11.5
37	11.5
39	11.5
40	11.5
43	11.5
45	11.5
48	11.5
48	11.5
50	11.5
56	14.0

Features
To DIN 24960 Single Seal - Unbalanced Uni-Directional Conical Spring

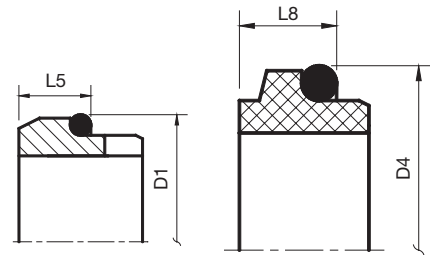
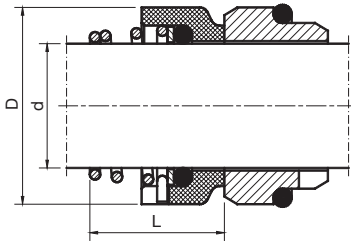
Materials
Carbon Rotating Face Viton® Elastomer 304SS Metallurgy

Mating Ring Information
Alternate Mating Ring Styles VGM-G4 and VGM-G6.
Mating Rings sold separately.
For part numbers, see pages 176-177

\* Additional Mating Ring Styles and Materials Available Upon Request.

**Type VGME-1 - Rotary Head**

Similar To:  
AES T02, Burgmann M3N  
Vulcan 8B



VGME-1		
Seal Size d	Rotary Head	
	OD D	Oper. Hgt. L
10	19	15.5
12	21	16.0
14	23	16.5
15	24	18.0
16	26	18.0
18	29	19.5
20	31	22.0
22	33	21.5
24	35	23.5
25	36	26.5
28	40	26.5
30	43	26.5
32	46	28.5
33	47	28.5
35	49	28.5
38	53	33.5
40	56	36.0
42	59	37.5
43	59	38.5
45	61	39.5
48	64	46.0
50	66	45.0
53	69	47.0
55	71	49.0
58	76	55.0
60	78	55.0
65	84	55.0
68	88	55.0
70	90	57.0
75	98	62.0
80	100	61.8

Viton® / 304SS Specify Rotation	
Right Hand Part No.	Left Hand Part No.
HD-8242MRH	HD-8242MLH
HD-8243MRH	HD-8243MLH
HD-8244MRH	HD-8244MLH
HD-8245MRH	HD-8245MLH
HD-8246MRH	HD-8246MLH
HD-8247MRH	HD-8247MLH
HD-8248MRH	HD-8248MLH
HD-8249MRH	HD-8249MLH
HD-8250MRH	HD-8250MLH
HD-8251MRH	HD-8251MLH
HD-8252MRH	HD-8252MLH
HD-8253MRH	HD-8253MLH
HD-8254MRH	HD-8254MLH
HD-8255MRH	HD-8255MLH
HD-8256MRH	HD-8256MLH
HD-8257MRH	HD-8257MLH
HD-8258MRH	HD-8258MLH
HD-8259MRH	HD-8259MLH
HD-8260MRH	HD-8260MLH
HD-8261MRH	HD-8261MLH
HD-8262MRH	HD-8262MLH
HD-8263MRH	HD-8263MLH
HD-8264MRH	HD-8264MLH
HD-8265MRH	HD-8265MLH
HD-8266MRH	HD-8266MLH
HD-8267MRH	HD-8267MLH
HD-8268MRH	HD-8268MLH
HD-8269MRH	HD-8269MLH
HD-8270MRH	HD-8270MLH
HD-8271MRH	HD-8271MLH
HD-8272MRH	HD-8272MLH

Standard Mating Rings			
VGM-G9		VGM-G13	
Bore D1	Thick L5	Bore D4	Thick L8
21	10.0	19.2	7.1
23	10.0	21.6	7.6
25	10.0	24.6	7.6
27	10.0	24.6	8.6
27	10.0	28.0	9.0
33	11.5	30.0	10.0
35	11.5	35.0	9.5
37	11.5	35.0	9.5
39	11.5	38.0	9.5
40	11.5	38.0	9.5
43	11.5	42.0	11.0
45	11.5	45.0	11.0
48	11.5	48.0	11.0
48	11.5	50.0	11.5
50	11.5	52.0	11.5
56	14.0	55.0	11.5
58	14.0	58.0	11.5
61	14.0	60.0	14.3
61	14.0	62.0	14.3
63	14.0	64.0	14.3
66	14.0	68.4	14.3
70	15.0	69.3	14.3
73	15.0	72.3	15.3
75	15.0	75.4	15.3
78	15.0	78.4	15.3
80	15.0	80.4	15.3
85	15.0	85.4	15.3
90	18.0	91.5	16.0
92	18.0	92.0	15.3
97	18.0	99.0	15.3
105	18.2	104.0	16.3

Features
To DIN 24960 Single Seal - Unbalanced Uni-Directional Conical Spring

Materials
304SS Rotating Face Viton® Elastomer 304SS Metallurgy

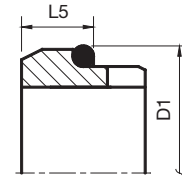
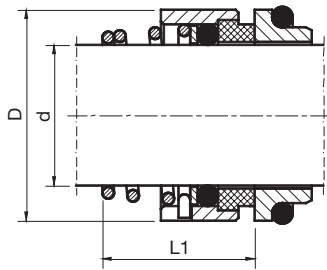
Mating Ring Information
Mating Rings sold separately. For part numbers, see pages 176-177

\* Additional Mating Ring Styles and Materials Available Upon Request.



## Type VGME-2 - Rotary Head

Similar To:  
Burgmann M32



VGME-2		
Seal Size d	Rotary Head	
	OD D	Oper. Hgt. L1
10	19	16.9
12	21	17.4
14	23	17.4
15	24	17.4
16	26	19.5
18	29	20.5
20	31	22.0
22	33	23.5
24	35	25.0
25	36	26.5
28	40	26.5
30	43	25.0
32	46	28.5
33	47	28.5
35	49	28.5
38	53	32.2
40	56	34.7
42	59	37.3
43	59	37.3
45	61	39.2
48	64	44.7
50	66	45.7
53	69	49.0
55	71	49.0
58	76	52.0
60	78	53.0
65	84	54.3
68	88	55.3
70	90	56.3
75	98	56.3
80	103	59.3

Viton® / Carbon Specify Rotation	
Right Hand Part No.	Left Hand Part No.
HD-8088MRH	HD-8088MLH
HD-8089MRH	HD-8089MLH
HD-8320MRH	HD-8320MLH
HD-8321MRH	HD-8321MLH
HD-8322MRH	HD-8322MLH
HD-8323MRH	HD-8323MLH
HD-8324MRH	HD-8324MLH
HD-8325MRH	HD-8325MLH
HD-8326MRH	HD-8326MLH
HD-8327MRH	HD-8327MLH
HD-8328MRH	HD-8328MLH
HD-8329MRH	HD-8329MLH
HD-8330MRH	HD-8330MLH
HD-8331MRH	HD-8331MLH
HD-8332MRH	HD-8332MLH
HD-8333MRH	HD-8333MLH
HD-8334MRH	HD-8334MLH
HD-8335MRH	HD-8335MLH
HD-8336MRH	HD-8336MLH
HD-8337MRH	HD-8337MLH
HD-8338MRH	HD-8338MLH
HD-8339MRH	HD-8339MLH
HD-8340MRH	HD-8340MLH
HD-8341MRH	HD-8341MLH
HD-8342MRH	HD-8342MLH
HD-8343MRH	HD-8343MLH
HD-8344MRH	HD-8344MLH
HD-8345MRH	HD-8345MLH
HD-8346MRH	HD-8346MLH
HD-8347MRH	HD-8347MLH
HD-8348MRH	HD-8348MLH

Standard Mating Ring VGM-G9	
Bore D1	Thick L5
21	10.0
23	10.0
25	10.0
27	10.0
27	10.0
33	11.5
35	11.5
37	11.5
39	11.5
40	11.5
43	11.5
45	11.5
48	11.5
48	11.5
50	11.5
56	14.0
58	14.0
61	14.0
61	14.0
63	14.0
66	14.0
70	15.0
73	15.0
75	15.0
78	15.0
80	15.0
85	15.0
90	18.0
92	18.0
97	18.0
105	18.2

Features
To DIN 24960 Single Seal - Unbalanced Uni-Directional Conical Spring

Materials
Shrink-Fitted Carbon Rotating Face Viton® Elastomer 304SS Metallurgy

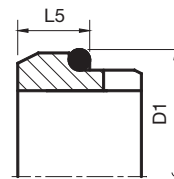
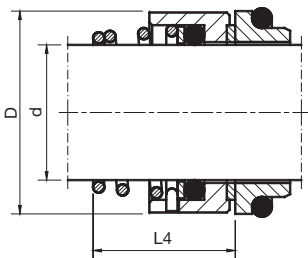
Mating Ring Information
Alternate Mating Ring Styles VGM-G4 and VGM-G6. Mating Rings sold separately. For part numbers, see pages 176-177

\* Additional Mating Ring Styles and Materials Available Upon Request.

**Type VGME-3 - Rotary Head**

Similar To:

AES T01 DIN, Burgmann 37G, Vulcan 8 DIN



VGME-3		
Seal Size d	Rotary Head	
	OD D	Oper. Hgt. L4
10	19	16.5
12	21	16.5
14	23	16.5
15	24	16.5
16	26	16.5
18	29	18.0
20	31	19.0
22	33	20.5
24	35	22.0
25	36	23.5
28	40	24.5
30	43	24.5
32	46	28.0
33	47	28.0
35	49	28.0
38	53	31.0
40	56	34.0
42	59	35.0
43	59	36.0
45	61	36.5
48	64	42.0
50	66	43.0
53	69	43.0
55	71	47.0
58	76	50.0
60	78	51.0
65	84	52.0
68	88	52.7
70	90	54.0
75	98	54.0
80	100	58.0

Viton® / Silicon Carbide Specify Rotation	
Right Hand Part No.	Left Hand Part No.
HD-8382MRH	HD-8382MLH
HD-8350MRH	HD-8350MLH
HD-8351MRH	HD-8351MLH
HD-8352MRH	HD-8352MLH
HD-8353MRH	HD-8353MLH
HD-8354MRH	HD-8354MLH
HD-8355MRH	HD-8355MLH
HD-8356MRH	HD-8356MLH
HD-8357MRH	HD-8357MLH
HD-8358MRH	HD-8358MLH
HD-8359MRH	HD-8359MLH
HD-8360MRH	HD-8360MLH
HD-8361MRH	HD-8361MLH
HD-8362MRH	HD-8362MLH
HD-8363MRH	HD-8363MLH
HD-8364MRH	HD-8364MLH
HD-8365MRH	HD-8365MLH
HD-8366MRH	HD-8366MLH
HD-8367MRH	HD-8367MLH
HD-8368MRH	HD-8368MLH
HD-8369MRH	HD-8369MLH
HD-8370MRH	HD-8370MLH
HD-8371MRH	HD-8371MLH
HD-8372MRH	HD-8372MLH
HD-8373MRH	HD-8373MLH
HD-8374MRH	HD-8374MLH
HD-8375MRH	HD-8375MLH
HD-8376MRH	HD-8376MLH
HD-8377MRH	HD-8377MLH
HD-8378MRH	HD-8378MLH
HD-8379MRH	HD-8379MLH

Standard Mating Ring VGM-G9 Mating Ring	
Bore D1	Thick L5
21	10.0
23	10.0
25	10.0
27	10.0
27	10.0
33	11.5
35	11.5
37	11.5
39	11.5
40	11.5
43	11.5
45	11.5
48	11.5
48	11.5
50	11.5
56	14.0
58	14.0
61	14.0
61	14.0
63	14.0
66	14.0
70	15.0
73	15.0
75	15.0
78	15.0
80	15.0
85	15.0
90	18.0
92	18.0
97	18.0
105	18.2

Features
To DIN 24960 Single Seal - Unbalanced Uni-Directional Conical Spring

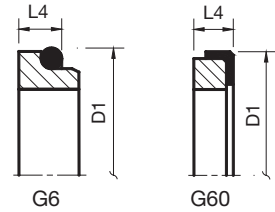
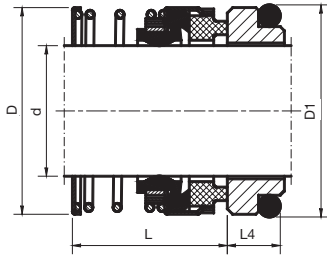
Materials
Shrink-Fitted Silicon Carbide Rotating Face
Viton® Elastomer
304SS Metallurgy

Mating Ring Information
Alternate Mating Ring Styles VGM-G4 and VGM-G6.
Mating Rings sold separately.
For part numbers, see pages 176-177

\* Additional Mating Ring Styles and Materials Available Upon Request.

## Type VGMH - Rotary Head

Similar To:  
AES PO3, Sealol 43, Vulcan 24



VGMH		
Seal Size d	Rotary Head	
	OD D	Oper. Hgt. L
12	22.8	23.9
14	22.8	26.4
16	26.4	26.4
18	29.5	27.5
20	33.6	27.5
22	33.6	27.5
24	38.0	30.0
25	39.1	30.0
28	42.5	32.5
30	45.6	32.5
32	45.6	32.5
33	49.0	32.5
35	49.0	32.5
38	52.0	34.0
40	57.2	34.0
43	60.6	34.0
45	60.6	34.0
48	63.8	34.0
50	65.6	34.5
55	76.9	34.5
58	78.4	39.5
60	78.4	39.5
63	81.2	39.5
65	84.5	39.5
68	89.6	37.2
70	89.6	44.7
75	96.6	44.7

Buna / Carbon Part No.	Viton® / SC Part No.
HD-8273M	HD-8293M
HD-8274M	HD-8294M
HD-8275M	HD-8295M
HD-8276M	HD-8296M
HD-8039M	HD-8297M
HD-8277M	HD-8298M
HD-8040M	HD-8299M
HD-8041M	HD-8300M
HD-8278M	HD-8301M
HD-8042M	HD-8302M
HD-8279M	HD-8303M
HD-8280M	HD-8304M
HD-8281M	HD-8305M
HD-8282M	HD-8306M
HD-8283M	HD-8307M
HD-8043M	HD-8308M
HD-8284M	HD-8309M
HD-8285M	HD-8310M
HD-8286M	HD-8311M
HD-8044M	HD-8312M
HD-8287M	HD-8313M
HD-8045M	HD-8314M
HD-8288M	HD-8315M
HD-8289M	HD-8316M
HD-8290M	HD-8317M
HD-8291M	HD-8318M
HD-8292M	HD-8319M

Standard Mating Rings VGM-G6 and VGM-G60	
Bore D1	Thick L4
23	6.6
25	6.6
27	6.6
33	6.6
35	7.5
37	7.5
39	7.5
40	7.5
43	7.5
45	7.5
48	7.5
48	7.5
50	7.5
56	9.0
58	9.0
61	9.0
63	9.0
66	9.0
70	9.5
75	11.0
78	11.0
80	11.0
83	11.0
85	11.0
90	11.3
92	11.3
97	11.3

Features
To DIN 24960 Single Seal - Unbalanced Bi-Directional Elastomer Bellows

Materials
Carbon or Silicon Carbide Rotating Face
Buna or Viton® Elastomer
304SS Metallurgy

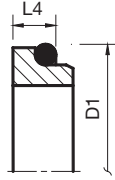
Mating Ring Information
Mating Rings sold separately. For part numbers, see pages 176-177

\* Additional Mating Ring Styles and Materials Available Upon Request.

**Type VGM-G Mating Rings**

**Features**

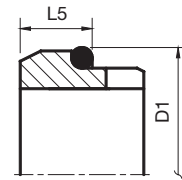
To DIN 24960



G6



G60



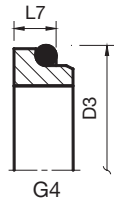
G9

Seal Size d	Mating Ring		VGM-G6	VGM-G60
	Bore D1	Thick L4	Viton®/SC	
			Part No.	Part No.
10	21	6.6	STG6VSC10	STG60VSC10
12	23	6.6	STG6VSC12	STG60VSC12
14	25	6.6	STG6VSC14	STG60VSC14
15	27	6.6	STG6VSC15	STG60VSC15
16	27	6.6	STG6VSC16	STG60VSC16
18	33	7.5	STG6VSC18	STG60VSC18
20	35	7.5	STG6VSC20	STG60VSC20
22	37	7.5	STG6VSC22	STG60VSC22
24	39	7.5	STG6VSC24	STG60VSC24
25	40	7.5	STG6VSC25	STG60VSC25
28	43	7.5	STG6VSC28	STG60VSC28
30	45	7.5	STG6VSC30	STG60VSC30
32	48	7.5	STG6VSC32	STG60VSC32
33	48	7.5	STG6VSC33	STG60VSC33
35	50	7.5	STG6VSC35	STG60VSC35
38	56	9.0	STG6VSC38	STG60VSC38
40	58	9.0	STG6VSC40	STG60VSC40
42	61	9.0	STG6VSC42	STG60VSC42
43	61	9.0	STG6VSC43	STG60VSC43
45	63	9.0	STG6VSC45	STG60VSC45
48	66	9.0	STG6VSC48	STG60VSC48
50	70	9.5	STG6VSC50	STG60VSC50
53	73	11.0	STG6VSC53	STG60VSC53
55	75	11.0	STG6VSC55	STG60VSC55
58	78	11.0	STG6VSC58	STG60VSC58
60	80	11.0	STG6VSC60	STG60VSC60
65	85	11.0	STG6VSC65	STG60VSC65
68	90	11.3	STG6VSC68	STG60VSC68
70	92	11.3	STG6VSC70	STG60VSC70
75	97	11.3	STG6VSC75	STG60VSC75
80	105	12.0	STG6VSC80	STG60VSC80
85	110	14.0	STG6VSC85	STG60VSC85
90	115	14.0	STG6VSC90	STG60VSC90
95	120	14.0	STG6VSC95	STG60VSC95
100	125	14.0	STG6VSC100	STG60VSC100

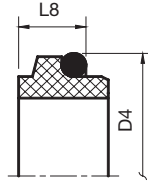
Mating Ring Bore D1	Thick L5	VGM-G9	
		Viton®/Carbon Part No.	Viton®/SC Part No.
21	10.0	STG9VCA10	STG9VSC10
23	10.0	STG9VCA12	STG9VSC12
25	10.0	STG9VCA14	STG9VSC14
27	10.0	STG9VCA15	STG9VSC15
27	10.0	STG9VCA16	STG9VSC16
33	11.5	STG9VCA18	STG9VSC18
35	11.5	STG9VCA20	STG9VSC20
37	11.5	STG9VCA22	STG9VSC22
39	11.5	STG9VCA24	STG9VSC24
40	11.5	STG9VCA25	STG9VSC25
43	11.5	STG9VCA28	STG9VSC28
45	11.5	STG9VCA30	STG9VSC30
48	11.5	STG9VCA32	STG9VSC32
48	11.5	STG9VCA33	STG9VSC33
50	11.5	STG9VCA35	STG9VSC35
56	14.0	STG9VCA38	STG9VSC38
58	14.0	STG9VCA40	STG9VSC40
61	14.0	STG9VCA42	STG9VSC42
61	14.0	STG9VCA43	STG9VSC43
63	14.0	STG9VCA45	STG9VSC45
66	14.0	STG9VCA48	STG9VSC48
70	15.0	STG9VCA50	STG9VSC50
73	15.0	STG9VCA53	STG9VSC53
75	15.0	STG9VCA55	STG9VSC55
78	15.0	STG9VCA58	STG9VSC58
80	15.0	STG9VCA60	STG9VSC60
85	15.0	STG9VCA65	STG9VSC65
90	18.0	STG9VCA68	STG9VSC68
92	18.0	STG9VCA70	STG9VSC70
97	18.0	STG9VCA75	STG9VSC75
105	18.2	STG9VCA80	STG9VSC80
110	18.2	STG9VCA85	STG9VSC85
115	18.2	STG9VCA90	STG9VSC90
120	17.2	STG9VCA95	STG9VSC95
125	17.2	STG9VCA100	STG9VSC100

\* Other materials available upon request \*

## Type VGM-G Mating Rings



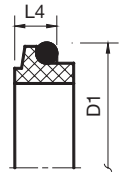
G4



G13



G50



G606

Seal Size d	Mating Ring		VGM-G4	Mating Ring		VGM-G13	Mating Ring		VGM-G50	Mating Ring		VGM-G606
	Bore D3	Thick L7	Viton®/SC Part No.	Bore D4	Thick L8	Viton®/Carbon Part No.	Bore D2	Thick L6	Viton®/SC Part No.	Bore D1	Thick L4	Viton®/Carbon Part No.
10	19.2	6.6	STG4VSC10	19.2	7.1	STG13VCA10	24.60	9.0	STG50VSC10	21	6.6	STG606VCA10
12	21.6	5.6	STG4VSC12	21.6	7.6	STG13VCA12	27.80	9.0	STG50VSC12	23	6.6	STG606VCA12
14	24.6	5.6	STG4VSC14	24.6	7.6	STG13VCA14	30.95	10.5	STG50VSC14	25	6.6	STG606VCA14
15	24.6	6.6	STG4VSC15	24.6	8.6	STG13VCA15	30.95	10.5	STG50VSC15	27	6.6	STG606VCA15
16	28.0	7.5	STG4VSC16	28.0	9.0	STG13VCA16	30.95	10.5	STG50VSC16	27	6.6	STG606VCA16
18	30.0	8.0	STG4VSC18	30.0	10.0	STG13VCA18	34.15	10.5	STG50VSC18	33	7.5	STG606VCA18
20	35.0	7.5	STG4VSC20	35.0	9.5	STG13VCA20	35.70	10.5	STG50VSC20	35	7.5	STG606VCA20
22	35.0	7.5	STG4VSC22	35.0	9.5	STG13VCA22	37.30	10.5	STG50VSC22	37	7.5	STG606VCA22
24	38.0	7.5	STG4VSC24	38.0	9.5	STG13VCA24	40.50	10.5	STG50VSC24	39	7.5	STG606VCA24
25	38.0	7.5	STG4VSC25	38.0	9.5	STG13VCA25	40.50	10.5	STG50VSC25	40	7.5	STG606VCA25
28	42.0	9.0	STG4VSC28	42.0	11.0	STG13VCA28	47.65	12.0	STG50VSC28	43	7.5	STG606VCA28
30	45.0	10.5	STG4VSC30	45.0	11.0	STG13VCA30	50.80	12.0	STG50VSC30	45	7.5	STG606VCA30
32	48.0	10.5	STG4VSC32	48.0	11.0	STG13VCA32	50.80	12.0	STG50VSC32	48	7.5	STG606VCA32
33	50.0	11.0	STG4VSC33	50.0	11.5	STG13VCA33	54.00	12.0	STG50VSC33	48	7.5	STG606VCA33
35	52.0	11.0	STG4VSC35	52.0	11.5	STG13VCA35	54.00	12.0	STG50VSC35	50	7.5	STG606VCA35
38	55.0	10.3	STG4VSC38	55.0	11.5	STG13VCA38	57.15	12.0	STG50VSC38	56	9.0	STG606VCA38
40	58.0	10.8	STG4VSC40	58.0	11.5	STG13VCA40	60.35	12.0	STG50VSC40	58	9.0	STG606VCA40
42	62.0	12.0	STG4VSC42	60.0	14.3	STG13VCA42	63.50	12.0	STG50VSC42	61	9.0	STG606VCA42
43	62.0	12.0	STG4VSC43	62.0	14.3	STG13VCA43	63.50	12.0	STG50VSC43	61	9.0	STG606VCA43
45	64.0	11.6	STG4VSC45	64.0	14.3	STG13VCA45	63.50	12.0	STG50VSC45	63	9.0	STG606VCA45
48	68.4	11.6	STG4VSC48	68.4	14.3	STG13VCA48	66.70	12.0	STG50VSC48	66	9.0	STG606VCA48
50	69.3	11.6	STG4VSC50	69.3	14.3	STG13VCA50	69.85	13.5	STG50VSC50	70	9.5	STG606VCA50
53	72.3	12.3	STG4VSC53	72.3	15.3	STG13VCA53	73.05	13.5	STG50VSC53	73	11.0	STG606VCA53
55	75.4	13.3	STG4VSC55	75.4	15.3	STG13VCA55	76.20	13.5	STG50VSC55	75	11.0	STG606VCA55
58	78.4	13.3	STG4VSC58	78.4	15.3	STG13VCA58	79.40	13.5	STG50VSC58	78	11.0	STG606VCA58
60	80.4	13.3	STG4VSC60	80.4	15.3	STG13VCA60	79.40	13.5	STG50VSC60	80	11.0	STG606VCA60
65	85.4	13.0	STG4VSC65	85.4	15.3	STG13VCA65	92.10	16.0	STG50VSC65	85	11.0	STG606VCA65
68	91.5	13.7	STG4VSC68	91.5	16.0	STG13VCA68	95.25	16.0	STG50VSC68	90	11.3	STG606VCA68
70	92.0	13.0	STG4VSC70	92.0	15.3	STG13VCA70	95.25	16.0	STG50VSC70	92	11.3	STG606VCA70
75	99.0	14.0	STG4VSC75	99.0	15.3	STG13VCA75	101.60	16.0	STG50VSC75	97	11.3	STG606VCA75
80	104.0	15.0	STG4VSC80	104.0	16.3	STG13VCA80	114.30	20.0	STG50VSC80	105	12.0	STG606VCA80
85	109.0	14.8	STG4VSC85	109.0	16.3	STG13VCA85	117.50	20.0	STG50VSC85	110	14.0	STG606VCA85
90	114.0	14.8	STG4VSC90	114.0	16.3	STG13VCA90	123.85	20.0	STG50VSC90	115	14.0	STG606VCA90
95	120.3	15.8	STG4VSC95	120.3	17.3	STG13VCA95	127.00	20.0	STG50VSC95	120	14.0	STG606VCA95
100	123.3	15.8	STG4VSC100	123.3	17.3	STG13VCA100	133.35	20.0	STG50VSC100	125	14.0	STG606VCA100

\* Other materials available upon request \*

# CYCLONE ABRASIVE SEPARATORS

Our cyclone separators provide a simple, yet effective, method of keeping abrasives away from the sealing faces, thereby increasing seal life and reducing maintenance costs.

Connected to the discharge side of the pump, the separator takes the abrasive-laden fluid and removes the foreign particles.

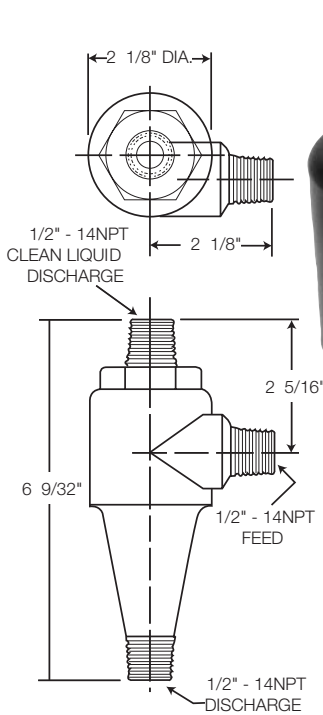
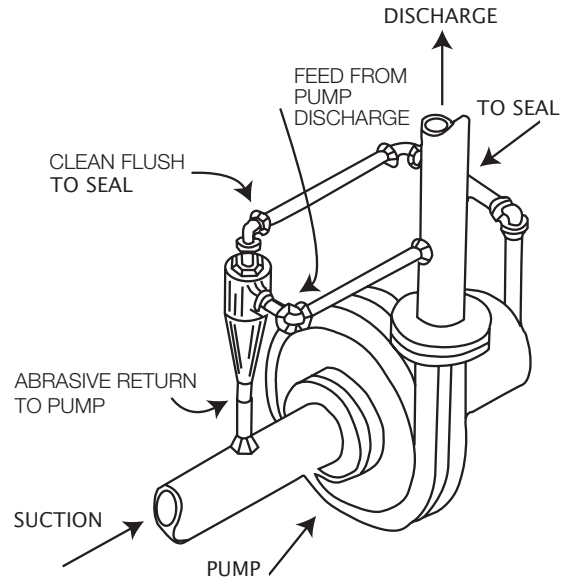
The clean fluid from the separator is injected into the stuffing box providing a positive circulation and cool environment for the seal.

## Required Operating Conditions

Minimum pressure differential of 20 PSI should be maintained between pump suction and pump discharge.

Specific gravity of the particles being separated must be greater than the liquid.

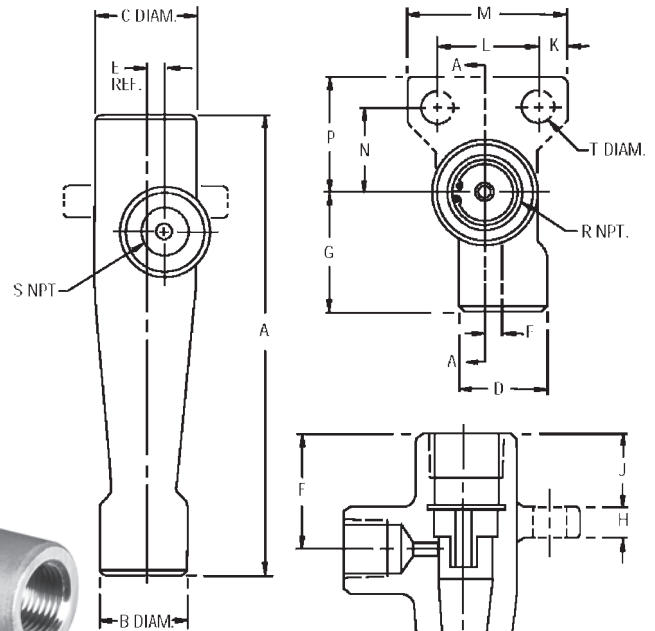
Minimum particle size removed is 1 micron. Solids content of the pumped fluid should not exceed 10%.



**KY-1**

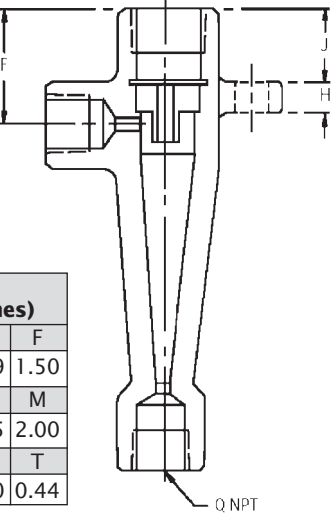
Material: Nylon  
Temp. Range: 0°F to +240°F  
Pressures up to 650 PSI

Cyclone separators are only effective with products in suspension, such as sand, iron oxide, or dirt. Product dissolved in the liquid can not be removed by a cyclone separator.



**KY-3SS**

KY-3SS Dimensional Data (Inches)					
A	B	C	D	E	F
5.50	1.25	1.25	1.25	0.19	1.50
G	H	J	K	L	M
1.56	0.31	1.00	0.38	1.25	2.00
N	P	Q	R	S	T
1.06	1.44	0.50	0.50	0.50	0.44

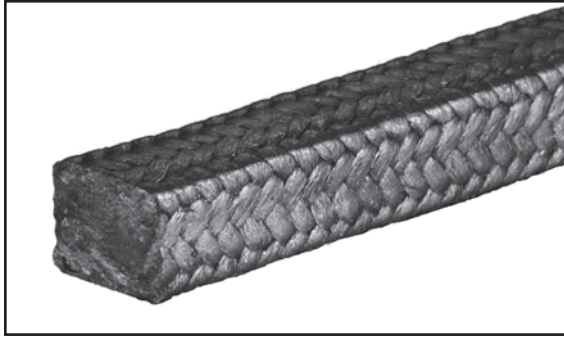


SECTION AA

Material: 316SS  
Temp. Range: -20°F to +400°F  
Pressures up to 2000 PSI

# PACKING - STYLE 58

## Graphited / PTFE Braided Packing for General and Chemical Service



### Performance Capabilities

- Temperature  
-350°F to +500°F
- Pressure  
Pump Up to 20 bar / 300 psi  
Valve Up to 275 bar / 4000 psi
- Speed  
15 mps / 3000 fpm
- pH Range  
0 to 14

### Construction Features

Interlace Braid  
Style 58 has individual continuous filament yarns which are impregnated with a high-purity graphite and high-temperature lubricant.

The graphite and lubricant assist with break-in, reduce friction, and dissipate heat throughout the stuffing box.

Call U.S. Seal Mfg. for additional styles and sizes.

### Product Description

Style 58 combines the chemical-resistant and low-friction generation characteristics of continuous PTFE filament yarns with the superior heat dissipation and self-lubricating properties of graphite.

An excellent choice for chemical resistance, this nonabrasive packing provides excellent conformability, adjustability and flexibility. A superior, low-maintenance choice where minimum field adjustment and fast break-in and start-up are necessary.

Style 58 Packing is ideal for controlled leakage and extrusion resistance at high pressures and shaft speeds. When used as a multipurpose packing, inventory costs are greatly reduced.

### Applications

Air, ammonia, chemicals, condensate, corrosives, gases, liquor, oils, paper stock, solvents, steam, and water

### Typical Equipment

Agitators, digesters, expansion joints, mixers, pumps, reciprocating and rotating equipment, valve stems

### Industries Served

- Agriculture
- Chemical
- General Industry
- Marine
- Municipal
- Oil and Gas
- Pharmaceutical
- Power Generation
- Pulp and Paper
- Steel and Metals

One Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet/Box
1/8"	USP-012501058	89.93
3/16"	USP-018701058	39.34
1/4"	USP-025001058	22.01
5/16"	USP-031201058	14.13
3/8"	USP-037501058	9.78
7/16"	USP-043701058	7.20
1/2"	USP-050001058	5.50
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

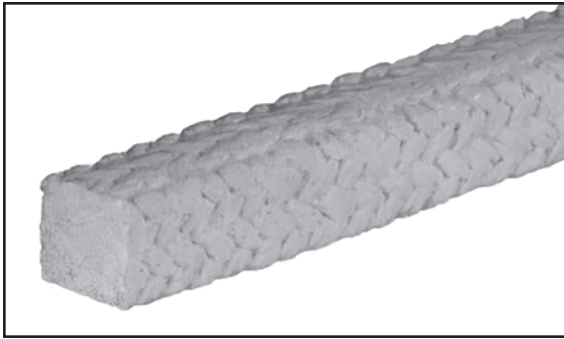
Five Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet/Box
1/8"	USP-012505058	449.64
3/16"	USP-018705058	196.70
1/4"	USP-025005058	110.06
5/16"	USP-031205058	70.66
3/8"	USP-037505058	48.91
7/16"	USP-043705058	36.02
1/2"	USP-050005058	27.51
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

Ten Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet/Box
1/8"	—	—
3/16"	—	—
1/4"	—	—
5/16"	—	—
3/8"	—	—
7/16"	—	—
1/2"	—	—
9/16"	USP-056210058	43.56
5/8"	USP-062510058	35.22
3/4"	USP-075010058	24.46
7/8"	USP-087510058	17.97
1"	USP-100010058	13.74

Replaces: American Braiding - 8000T, 8100BIL, 8200BIL / Chemstar - 165, 165LA, 3165 / Chesterton - 1750, 1760  
Garlock - Packmaster 6, 5100 / John Crane - C1070 / Marlo - 462 / New England Braiding - 102  
Palmetto 1389 / Phelps - 2024 / Sepco - ML 3600, ML 4002, ML 8002 / Teadit - 2007 / Utex - 210, 244, 246

# PACKING - STYLE 302

## PTFE / Synthetic Braided Packing for General Service



### Performance Capabilities

- Temperature  
-170°F to +500°F
- Pressure  
Pump Up to 20 bar / 300 psi  
Valve Up to 68 bar / 1000 psi
- Speed  
Up to 11 mps / 2250 fpm
- pH Range  
2 to 12

### Construction Features

Interlace Braid  
Style 302 has spun synthetic fibers thoroughly impregnated with PTFE dispersion plus a general service compatible lubricant.

Call U.S. Seal Mfg. for additional styles and sizes.

### Product Description

Style 302 is a cost effective general service packing. It contains no graphite.

Constructed of the highest quality synthetic fibers and lubricants. Designed to handle a wide range of fluids at moderate to high temperatures, pressures and shaft speeds.

Style 302 packing is thoroughly impregnated with PTFE in order to enhance chemical resistance, lubricity and dimensional stability. This helps to ensure even gland load distribution, promoting longer packing life.

### Applications

Gases, mild acids and caustics, non abrasives, oils, solvents, steam, water

### Typical Equipment

Rotating and reciprocating equipment, valves and expansion joints

### Industries Served

- Agriculture
- General Industry
- Marine
- Municipal
- Oil and Gas
- Power Generation
- Pulp and Paper
- Wastewater

One Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet/Box
1/8"	USP-012501302	116.28
3/16"	USP-018701302	54.73
1/4"	USP-025001302	29.06
5/16"	USP-031201302	18.66
3/8"	USP-037501302	12.91
7/16"	USP-043701302	9.51
1/2"	USP-050001302	7.27
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

Five Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet/Box
1/8"	USP-012505302	581.40
3/16"	USP-018705302	273.67
1/4"	USP-025005302	145.31
5/16"	USP-031205302	93.28
3/8"	USP-037505302	64.54
7/16"	USP-043705302	47.55
1/2"	USP-050005302	36.33
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

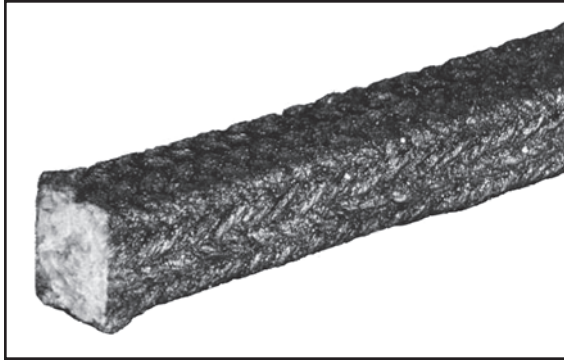
Ten Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet/Box
1/8"	—	—
3/16"	—	—
1/4"	—	—
5/16"	—	—
3/8"	—	—
7/16"	—	—
1/2"	—	—
9/16"	USP-056210302	57.50
5/8"	USP-062510302	40.84
3/4"	USP-075010302	32.28
7/8"	USP-087510302	23.72
1"	USP-100010302	18.16

**Replaces:** American Braiding - 3000N, 3000T / Chemstar - 1152, 11621B / Chesterton - 412W, 1710, 1774  
 Garlock - Packmaster 1, 7223, 8922 / John Crane - 1335 / Marlo - 250 / New England Braiding - 142  
 Palmetto 1347AF, 1392 / Phelps - 2072, 2172 / Sepco - ML2225, ML2550 / Teadit - 2019 / Utex - 234, 237



# PACKING - STYLE 303

## Graphite / Synthetic Braided Packing for General Service



### Performance Capabilities

- Temperature  
-170°F to +500°F
- Pressure  
Pump Up to 20 bar / 300 psi  
Valve Up to 68 bar / 1000 psi
- Speed  
Up to 10 mps / 2000 fpm
- pH Rang  
4 to 10

### Construction Features

Interlace Braid  
Style 303 has spun synthetic fibers treated with a proprietary blend of petroleum-based lubricants plus an external coating of graphite

Call U.S. Seal Mfg. for additional styles and sizes.

### Product Description

Style 303 is a cost effective graphite-coated general service packing constructed of the highest quality synthetic fibers and lubricants designed to handle a wide range of fluids at moderate to high temperatures, pressures, and shaft speeds.

Style 303 packing is thoroughly impregnated with lubricants to fill braided voids in order to reduce product penetration.

An external graphite coating is added for lubricity and to enhance heat dissipation for increased packing life.

### Applications

Gases, mild acids and caustics, non abrasives, oils, solvents, steam, water

### Typical Equipment

Rotating and reciprocating equipment, valves and expansion joints

### Industries Served

- Agriculture
- General Industry
- Marine
- Municipal
- Oil and Gas
- Power Generation
- Pulp and Paper
- Wastewater

One Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet/Box
1/8"	USP-012501303	151.52
3/16"	USP-018701303	72.52
1/4"	USP-025001303	33.32
5/16"	USP-031201303	25.91
3/8"	USP-037501303	17.94
7/16"	USP-043701303	13.21
1/2"	USP-050001303	10.09
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

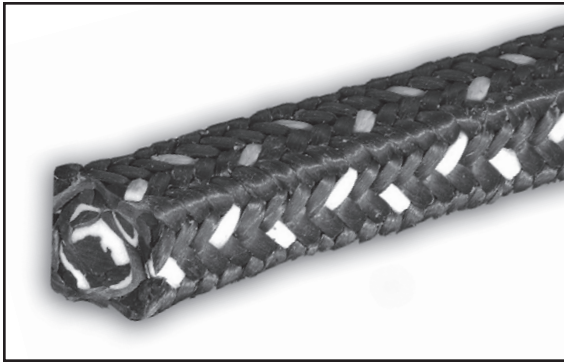
Three Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet/Box
1/8"	USP-012503303	454.55
3/16"	USP-018703303	217.55
1/4"	USP-025003303	99.97
5/16"	USP-031203303	77.74
3/8"	USP-037503303	53.91
7/16"	USP-043703303	39.62
1/2"	USP-050003303	30.26
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

Five Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet/Box
1/8"	—	—
3/16"	—	—
1/4"	—	—
5/16"	—	—
3/8"	—	—
7/16"	—	—
1/2"	—	—
9/16"	USP-056205303	39.78
5/8"	USP-062505303	31.89
3/4"	USP-075005303	22.98
7/8"	USP-087505303	16.46
1"	USP-100005303	12.94

Replaces: American Braiding - 3000G / Chemstar - 1398, 1430 / Garlock - Packmaster 2 or 3  
Garlock - 8909, 8913 / John Crane - 1340 / Marlo - 259 / New England Braiding - 142G  
Palmetto 1007AF, 1030AF / Phelps - 2075, 2175, 2176 / Sepco - ML402 / Teadit - 2255 / Utex - 233, 236

# PACKING - STYLE 310

## Polyimide / PTFE Braided Packing for Severe Service



### Product Description

Style 310 is an interlace braided polyimide and PTFE packing. It is impregnated with PTFE and a high temperature break-in lubricant for smoother start-ups.

This packing offers strength, abrasion and chemical resistance along with elevated temperature & pressure capabilities.

Shaft and/or sleeve wear is greatly reduced.

### Performance Capabilities

- Temperature  
-170°F to +550°F
- Pressure  
Pump Up to 34 bar / 500 psi  
Valve Up to 275 bar / 4000 psi
- Speed  
13 mps / 2500 fpm
- pH Range  
0 to 12

### Applications

Abrasives, acids, asphalt, chemicals, mild caustics & liquors, solvents

### Typical Equipment

Agitators, brine pumps, centrifugal and rotary pumps, coal slurry pumps, mixers, pulpers, refiners, sludge pumps, stock pumps, valves

### Construction Features

Lattice Braid

### Industries Served

- Chemical & Pharmaceutical
- Marine
- Mining & Minerals
- Municipal
- Oil & Gas
- Power Generation
- Pulp & Paper
- Steel & Metals
- Wastewater

One Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet/Box
1/8"	N/A	—
3/16"	USP-018701310	47.20
1/4"	USP-025001310	27.80
5/16"	USP-031201310	17.90
3/8"	USP-037501310	12.50
7/16"	USP-043701310	9.20
1/2"	USP-050001310	7.00
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

Five Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet/Box
1/8"	N/A	—
3/16"	USP-018705310	236.00
1/4"	USP-025005310	139.00
5/16"	USP-031205310	89.50
3/8"	USP-037505310	62.50
7/16"	USP-043705310	46.00
1/2"	USP-050005310	35.00
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

Ten Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet/Box
1/8"	—	—
3/16"	—	—
1/4"	—	—
5/16"	—	—
3/8"	—	—
7/16"	—	—
1/2"	USP-050010310	70.00
9/16"	USP-056210310	52.00
5/8"	USP-062510310	42.00
3/4"	USP-075010310	29.00
7/8"	USP-087510310	21.00
1"	USP-100010310	16.00

Replaces: American Braiding - 320 / Chemstar - 1190 / Chesterton - 1727  
 Garlock - 1850 / John Crane - 1345 / Marlo - 270 / New England Braiding-162  
 Palmetto 1392 / Sepco - ML2400, ML6225, ML6225A / Teadit - 2777 / Utex - 248,279

# PACKING - STYLE 792

## PTFE (FDA Compliant) Braided Packing for Food and Beverage Service



### Product Description

Style 792 is a firm, yet pliable packing manufactured from the purest PTFE filaments.

Also an excellent choice for chemical resistance, this packing is free from color contamination for applications where color contamination can not be tolerated.

Style 792 contains a food grade lubricant which provides faster break-in and reduced shaft wear.

### Performance Capabilities

- Temperature  
-450°F to +500°F
- Pressure  
Pump Up to 20 bar / 300 psi  
Valve Up to 170 bar / 2500 psi
- Speed  
10 mps / 2000 fpm
- pH Range  
0 to 14

### Applications

Food and Beverage packaging  
Pharmaceutical production

### Typical Equipment

Rotating and reciprocating equipment, valves

### Industries Served

- Food and Beverage
- Pharmaceutical

### Construction Features

Lattice Braid

Style 792's PTFE filament is compliant with FDA regulation 21 CFR 177.1550.

One Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet/Box
1/8"	USP-012501792	89.93
3/16"	USP-018701792	39.34
1/4"	USP-025001792	22.01
5/16"	USP-031201792	14.13
3/8"	USP-037501792	9.78
7/16"	USP-043701792	7.20
1/2"	USP-050001792	5.50
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

Five Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet/Box
1/8"	USP-012505792	449.64
3/16"	USP-018705792	196.70
1/4"	USP-025005792	110.06
5/16"	USP-031205792	70.66
3/8"	USP-037505792	48.91
7/16"	USP-043705792	36.02
1/2"	USP-050005792	27.51
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

Ten Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet/Box
1/8"	—	—
3/16"	—	—
1/4"	—	—
5/16"	—	—
3/8"	—	—
7/16"	—	—
1/2"	—	—
9/16"	USP-056210792	43.52
5/8"	USP-062510792	35.22
3/4"	USP-075010792	24.46
7/8"	USP-087510792	17.97
1"	USP-100010792	13.74

Replaces: American Braiding - 244FDA / Chemstar - 154 FDA / Chesterton - 425, 1725  
Garlock - 5904 / John Crane - C1056 / New England Braiding- 110  
Palmetto 1367FS / Phelps - 2031 / Sepco - ML2236FDA / Teadit - 2006FDA / Utex - 245

# PTFE LANTERN RING STRIP



## Performance Capabilities

- Temperature  
-400°F to +500°F
- Pressure  
Pump 68 bar / 1000 psi
- Speed  
Not Applicable
- pH Range  
0 to 14

## Construction Features

4 Foot Strip

## Product Description

PTFE lantern rings are widely used in applications where outside lubrication is necessary in order to keep packing lubricated, cool, and flushed of abrasives and chemicals. The use of lantern rings greatly increases the life of compression packing, resulting in less maintenance and downtime over the life of the equipment.

PTFE lantern rings will handle a wide range of fluids, offering maximum corrosion resistance and, unlike metallic rings, will not gall or score shafts or sleeves. They have also been successfully used in bearing assemblies as a conduit for grease or oil. The lantern ring works in aiding movement of the lubricant without risk of contamination or excess stuffing box wear.

## Applications

Air, ammonia, boiler feed water, chemicals, condensate, corrosives, gases, liquor, oils, paper stock, solvents, steam, water

## Typical Equipment

Rotating and reciprocating equipment, valves

## Industries Served

- Chemical
- General Industry
- Mining and Minerals
- Municipal
- Oil and Gas
- Pharmaceutical
- Power Generation
- Pulp and Paper
- Steel and Metals
- Wastewater

Height	Width	Part Number
1/4"	3/8"	USP-02500375LRS
5/16"	7/16"	USP-03120437LRS
3/8"	1/2"	USP-03750500LRS
7/16"	9/16"	USP-04370562LRS
1/2"	5/8"	USP-05000625LRS
9/16"	11/16"	USP-05620687LRS
5/8"	3/4"	USP-06250750LRS
3/4"	7/8"	USP-07500875LRS
7/8"	1"	USP-08751000LRS

Height	Width	Part Number
1/4"	1/2"	USP-02500500LRS
5/16"	5/8"	USP-03120625LRS
3/8"	3/4"	USP-03750750LRS
7/16"	7/8"	USP-04370875LRS
1/2"	1"	USP-05001000LRS
9/16"	1"	USP-05621000LRS
5/8"	1"	USP-06251000LRS
3/4"	1"	USP-07501000LRS
1"	1"	USP-10001000LRS

If the products featured will be used in a potentially dangerous and/or hazardous process, your U.S. Seal Mfg. representative should be consulted prior to their selection and use. In the interest of continuous development, U.S. Seal Mfg. reserves the right to alter designs and specifications without prior notice. It is dangerous to smoke while handling products made from PTFE. Old and new PTFE products must not be incinerated.

# PACKING ACCESSORIES

## PACKING HOOKS - "T" Handled, Flexible with Replaceable Cork Screw Tips

Hook Size	Hook Length	Used for Packing Size	U.S. Seal Mfg. Part No.	Replaceable Tip Part No.
Midget	6-1/2"	5/32" and Up	USP-PKGMGT	—
Small	7-1/2"	5/16" and Up	USP-PKGHOOKSM	USP-REPLTIPSM
Medium	11"	7/16" and Up	USP-PKGHOOKMED	USP-REPLTIPMED
Large	14"	1/2" and Up	USP-PKGHOOKLG	USP-REPLTIPLG

## PACKING TOOL KITS - Three Sizes Available

U.S. Seal Mfg. Part No.	No. of Pieces per Kit	Kit Contents
USP-TOOLKITSMALL	11	Contains hooks, picks, tips, wrench
USP-TOOLKITMED	17	Contains hooks, picks, tips, wrench
USP-TOOLKITLG	36	Contains hooks, picks, tips, thread adapters, brush sets, packing cutting knife with leather sheath

## PACKING CUTTERS

### Hand Held Packing Cutter

Size	U.S. Seal Mfg. Part No.	Type of Cuts	Max. Cross Section
Hand Held	USP-HTPKGCUT	Butt	Up to 3/4"
		Diagonal	Up to 5/8"



Hand Held

### Guillotine Packing Cutter

Size	U.S. Seal Mfg. Part No.	Type of Cuts	Max. Cross Section	Max. Cross Section
Small	USP-SMPKGCUT	Butt	Up to 1"	Up to 4"
		Diagonal	Up to 3/4"	
Medium	USP-MEDPKGCUT	Butt	Up to 1"	Up to 10"
		Diagonal	Up to 3/4"	



Guillotine



# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
FA-5	.875	E	—	BCF-F
FA-10	.500	B	—	BMF-F
FA-26	.625	A	—	BMF-F
FA-62	.625	A	—	BCF-F
FA-64	.750	A	—	BCF-F
FA-70SS	1.000	A	—	BCF-F
FA-110V	.500	C	—	VCF-F
FA-112	.500	C	—	BCF-F
FA-135	.625	D	—	BCD-F
FA-152	.750	D	—	BCD-F
FA-160	.875	D	—	BCD-F
FA-170	1.000	D	—	BCF-F
FA-172VSC	1.375	C	—	VLV-F
FA-177	1.375	C	—	BCF-F
FA-186	1.375	D	—	BCD-F
FA-189	1.250	E	—	BCF-F
FA-190	1.250	D	—	BCF-F
FA-200	1.500	D	—	BCF-F
FA-201	.750	A	—	BMF-F
FA-208V	.875	C	—	VCF-F
FA-288	1.750	D	—	BCD-F
FA-305	1.500	E	—	BCF-F
FA-305V	1.500	E	—	VCF-F
FA-350V	2.375	E	—	VCF-F
FA-354	1.375	E	—	BCF-F
FA-366	1.750	E	—	BCF-F
FA-376E	1.375	D	—	QCD-F
FA-400	.500	C	—	BMF-F
FA-401	.500	C	—	BCF-F
FA-475SS	3.000	E	—	BCF-F
FA-513V	1.875	E	—	VCF-F
FA-564	.750	C	—	BCF-F
FA-593	1.875	D	—	BCD-F
FA-608V	1.125	E	—	VCF-F
FA-642	.625	B	—	BMF-F
FA-647	.750	B	—	BMF-F
FA-756	1.250	C	—	BCF-F
FA-866	1.125	E	—	BCF-F
FA-912	1.000	E	—	BCF-F
FA-1055	1.750	C	—	BCF-F
FA-1350	.625	C	—	BCF-F
FA-1520	.750	C	—	BCF-F
FA-1600	.875	C	—	BCF-F
FA-1620	1.625	C	—	BCF-F
FA-1660	1.750	C	—	BCF-F
FA-1700	1.000	C	—	BCF-F
FA-1700N	1.000	C	—	NCF-F
FA-1800	1.125	C	—	BCF-F
FA-1810	.500	C	—	BMF-F
FA-1850	1.500	C	—	BCF-F
FA-1875	1.875	C	—	BCF-F
FA-1875V	1.875	C	—	VCF-F
FA-2000	2.000	C	—	BCF-F
FA-2098	2.375	E	—	BCF-F
FA-2104V	1.375	E	—	VCF-F
FA-2108E	1.750	C	—	QCF-F
FA-2109A	1.750	E	—	XCF-F
FA-2120	2.125	C	—	BCF-F
FA-2250	2.250	C	—	BCF-F
FA-2678	1.250	C	—	BCF-F
FA-2751	.750	B	—	QCF-F

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
FA-2752	1.500	D	—	NLF-F
FA-2754	1.500	D	—	NCF-F
FA-2755	1.500	C	—	QCF-F
FA-3300	.625	B	—	BCF-F
FA-3502	2.125	E	—	BCF-F
FA-3525	.625	C	—	QCF-F
FA-3730	1.375	C	—	NFF-F
FA-3961	3.375	K	—	VCF-F
FA-4027	3.500	U	—	BCF-F
FA-4031	.625	C	—	VCF-F
FA-4087	1.375	E	—	VCF-F
FA-4163	1.375	E	—	QCF-F
FA-4193	1.875	E	—	VCF-F
FA-4218	.500	B	—	BMF-F
FA-4268	1.375	CB	—	BCF-F
FA-4408	.875	DB	—	XCF-F
FA-4414	5.000	V	—	BCF-F
FA-4463	1.250	C	—	BCF-F
FA-6104	2.000	E	—	NCP-P
FA-6987	1.000	W	—	TCF-F
FA-7750	2.250	C	—	QCF-F
FA-8000	1.750	XBIT	—	Special
FA-8088	3.000	X	—	VCF-F
FA-8201	1.500	XB2	—	VCF-F
FA-9009	.875	W	—	TCF-F
FA-9012	.500	W	—	TCF-F
FA-9316	1.750	WT	—	TCF-F
FA-9327	1.125	W	—	TCF-F
FA-9328	1.375	WT	—	TCF-F
FA-9341	1.375	WT	—	Special
FA-9349	1.000	WT	—	TCF-F
FA-9400	1.750	WT	—	TCF-F
FA-10033	.500	C	—	VCF-F
FA-10034	.625	C	—	VCF-F
FA-10036	.875	C	—	VCF-F
FA-10037	1.000	C	—	VCF-F
FA-10038	1.125	C	—	VCF-F
FA-10040	1.250	C	—	VCF-F
FA-10041	1.375	C	—	VCF-F
FA-10043	1.500	C	—	VCF-F
FA-10045	1.750	C	—	VCF-F
FA-10047	2.000	C	—	VCF-F
FA-10144	3.250	EB	—	BCF-F
FA-10159	1.750	C	—	BRF-F
FA-10165	1.375	C	—	QCF-F
FA-10166	1.375	C	—	BCF-F
FA-10167	1.500	E	—	BCF-F
FA-10168	1.750	C	—	BCF-F
FA-20137	5.000	E	—	VCF-F
PS-100	.625	A	1	BMFJF
PS-100-EPR	.625	A	1	QCFJF
PS-100-SC-SC	.625	A	1	BLFLF
PS-100V	.625	A	3	VCFJF
PS-100V-CMS	.625	A	1	VCFJF
PS-100V-CMS-P66	.625	A	1	VCFJF
PS-100V-SC-SC-CMS	.625	A	1	VLFLF
PS-101	.750	A	1	BMFJF
PS-101V	.750	A	1	VCFJF
PS-102	.625	D	1	BCDKF
PS-106	.500	C	1	BCFKF
PS-106-EPR	.500	C	1	QCCKF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-106V	.500	C	1	VCFKF
PS-108	1.250	E	1	NCPKP
PS-112	.750	C	1	BCFKF
PS-112-EPR	.750	C	1	QCCKF
PS-112V	.750	C	3	VCFKF
PS-112V-CMS	.750	C	1	VCFKF
PS-113	.625	B	1	BMFJF
PS-114	.312	A	1	BMDJF
PS-118	.625	C	1	BCFJF
PS-118V	.625	C	3	VCFJF
PS-118V-CMS	.625	C	1	VCFJF
PS-118V-CMS-P66	.625	C	1	VCFJF
PS-127	1.062	D	1	BCDKF
PS-128	.750	C	1	BCFJF
PS-128V	.750	C	3	VCFJF
PS-129	.590	D	1	BCFJF
PS-135	.787	D	1	BCDJF
PS-136	1.181	D	1	BCDJF
PS-136V	1.181	D	3	VCDJF
PS-136V-CMS	1.181	D	1	VCDJF
PS-137	1.250	E	1	BCFKF
PS-137V	1.250	E	3	VCFKF
PS-137V-CMS	1.250	E	1	VCFKF
PS-137V-P66	1.250	E	3	VCFKF
PS-137V-TC-TC	1.250	E	1	VZFZF
PS-142	.500	B	1	BMFJF
PS-142V	.500	B	1	VCFJF
PS-151	.625	B	1	BMFJF
PS-153	.625	A	1	BMFKF
PS-153V	.625	A	3	VCFKF
PS-153V-CMS	.625	A	1	VCFKF
PS-159	1.000	D	3	NCPGP
PS-162	.500	A	1	BMFJF
PS-163	.500	B	1	BMFJF
PS-163V	.500	B	1	VCFJF
PS-164	.500	B	9	BMFKF
PS-165	.500	B	9	BMFJF
PS-166	.625	A	1	BMFJF
PS-175	.750	K	1	BCFJF
PS-177	1.375	C	1	BCFJF
PS-177-EPR	1.375	C	1	QCCKF
PS-177-P66	1.375	C	1	BCFJF
PS-177-SC-TC-CMS	1.375	C	1	BLFZF
PS-177V	1.375	C	3	VCFJF
PS-177V-CMS	1.375	C	1	VCFJF
PS-177V-CMS-P66	1.375	C	1	VCFJF
PS-177V-P66	1.375	C	3	VCFJF
PS-177V-SC-SC	1.375	C	1	VLFLF
PS-177V-SC-SEAT	1.375	C	1	VCFLF
PS-178	1.375	R	1	BCDJF
PS-185	1.250	C	1	BCFJF
PS-185-EPR	1.250	C	1	QCCKF
PS-185-EPR-P66	1.250	C	1	QCCKF
PS-185-EPR-SC	1.250	C	3	QCFLF
PS-185-EPR-TC	1.250	C	3	QCZFZ
PS-185E-SC-CMS	1.250	C	1	QCFLF
PS-185-P66	1.250	C	1	BCFJF
PS-185-SC-SC	1.250	C	1	BLFLF
PS-185-TC-SEAT	1.250	C	1	BCFZF
PS-185V	1.250	C	3	VCFJF
PS-185V-CMS	1.250	C	1	VCFJF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-185V-CMS-P66	1.250	C	1	VCFJF
PS-185V-P66	1.250	C	3	VCFJF
PS-185V-SC-SC	1.250	C	1	VLFLF
PS-185V-SC-SEAT	1.250	C	1	VCFLF
PS-185V-SC-TC	1.250	C	1	VLZFZ
PS-185V-TC-SC	1.250	C	1	VZFLF
PS-185V-TC-SEAT	1.250	C	1	VCFZF
PS-185V-TC-TC	1.250	C	1	VZFZF
PS-186	1.375	D	1	BCDKF
PS-186-EPR-SC-SEAT	1.375	D	1	QCCLF
PS-186V	1.375	D	3	VCDKF
PS-186V-CMS	1.375	D	1	VCFKF
PS-186V-TC-SEAT	1.375	D	3	VCFZF
PS-188	.875	E	1	BCFJF
PS-188V	.875	E	3	VCFJF
PS-188V-CMS	.875	E	1	VCFJF
PS-192	1.500	C	3 Special	NCFGF
PS-193	2.000	D	3	NCPGP
PS-200	.625	A	1	BMFJF
PS-200-EPR	.625	A	1	QCCKF
PS-200-SC-SC	.625	A	1	BLFLF
PS-200V	.625	A	3	VCFJF
PS-200V-CMS	.625	A	1	VCFJF
PS-200V-CMS-P66	.625	A	1	VCFJF
PS-200V-SC-SC	.625	A	1	VLFLF
PS-201	.750	A	1	BMFJF
PS-201V	.750	A	3	VCFJF
PS-201V-CMS	.750	A	1	VCFJF
PS-202	.625	B	11	BMFJF
PS-202V	.625	B	11	VCFJF
PS-204	1.125	E	1	BCFJF
PS-204-EPR	1.125	E	1	QCCKF
PS-204-P66	1.125	E	1	BCFJF
PS-204V	1.125	E	3	VCFJF
PS-204V-CMS	1.125	E	1	VCFJF
PS-204V-CMS-P66	1.125	E	1	VCFJF
PS-205	1.750	E	1	BCFJF
PS-205-P66	1.750	E	1	BCFJF
PS-205-SC-SC	1.750	E	1	BLFLF
PS-205V	1.750	E	3	VCFJF
PS-205V-CMS	1.750	E	1	VCFJF
PS-205V-CMS-P66	1.750	E	1	VCFJF
PS-205V-P66	1.750	E	3	VCFJF
PS-205V-TC-SEAT	1.750	E	1	VCFZF
PS-205V-TC-TC-CMS	1.750	E	1	VZFZF
PS-210	1.375	C	1	BCFKF
PS-210-EPR	1.375	C	3	QCCKF
PS-210-EPR-P66-SC	1.375	C	3	QCFLF
PS-210-EPR-SC-SEAT	1.375	C	3	QCFLF
PS-210V	1.375	C	3	VCFKF
PS-210V-CMS	1.375	C	1	VCFKF
PS-210V-SC-SEAT	1.375	C	3	VCFLF
PS-210V-SC-TC	1.375	C	3	VLZFZ
PS-210V-TC-SC	1.375	C	3	VZFLF
PS-210V-TC-SEAT	1.375	C	3	VCFZF
PS-210V-TC-TC	1.375	C	1	VZFZF
PS-217	1.750	R	1	BCDKF
PS-224	1.500	E	3	NCFKF
PS-226	.625	D	1	BCDKF
PS-227	1.000	D	1	BCFKF
PS-228	1.250	K	3	BCFKF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-228V	1.250	K	3	VCFKF
PS-228V-CMS	1.250	K	1	VCFKF
PS-229	.875	E	3	BCFKF
PS-229V	.875	E	3	VCFKF
PS-235	1.000	C	1	BCFJF
PS-235-EPR	1.000	C	1	QCFJF
PS-235-EPR-P66	1.000	C	1	QCFJF
PS-235-P66	1.000	C	1	BCFJF
PS-235-SC-SC	1.000	C	1	BLFLF
PS-235V	1.000	C	3	VCFJF
PS-235V-CMS	1.000	C	1	VCFJF
PS-235V-CMS-P66	1.000	C	1	VCFJF
PS-235V-P66	1.000	C	3	VCFJF
PS-235V-SC-SC	1.000	C	1	VLFLF
PS-236	1.000	E	1	BCFKF
PS-236N	1.000	E	1	NCFKF
PS-236V	1.000	E	3	VCFKF
PS-236V-CMS	1.000	E	1	VCFKF
PS-237	1.750	D	1	BCDJF
PS-237-EPR	1.750	D	1	QCDJF
PS-237-P66	1.750	D	1	BCDJF
PS-237-SC-SC	1.750	D	1	BLDLF
PS-237-TC-SEAT	1.750	D	1	BCDZF
PS-237-TC-TC	1.750	D	1	BZDZF
PS-237V	1.750	D	3	VCDJF
PS-237V-CMS	1.750	D	1	VCDJF
PS-237V-P66	1.750	D	3	VCDJF
PS-238	1.625	C	1	BCFJF
PS-238-EPR	1.625	C	1	QCFJF
PS-238-EPR-SC	1.625	C	1	QCFLF
PS-238-P66	1.625	C	1	BCFJF
PS-238-SC-SC	1.625	C	1	BLFLF
PS-238-SC-TC-CMS	1.625	C	1	BLFZF
PS-238V	1.625	C	3	VCFJF
PS-238V-CMS	1.625	C	1	VCFJF
PS-238V-CMS-316SS	1.625	C	1	VCFJF
PS-238V-P66-TC	1.625	C	1	VCFZF
PS-238V-SC-CMS	1.625	C	1	VCFLF
PS-238V-SC-SEAT	1.625	C	3	VCFLF
PS-238V-TC-SC-CMS	1.625	C	1	VZFLF
PS-239	1.625	C	1	BCFKF
PS-239-EPR	1.625	C	3	QCFKF
PS-239-P66	1.625	C	1	BCFKF
PS-239V	1.625	C	3	VCFKF
PS-239V-CMS	1.625	C	1	VCFKF
PS-239V-TC-SEAT	1.625	C	3	VCFZF
PS-245	1.000	C	1	BCFJF
PS-245-EPR	1.000	C	1	QCFJF
PS-245-P66	1.000	C	1	BCFJF
PS-245-TC-SEAT	1.000	C	1	BCFZF
PS-245V	1.000	C	3	VCFJF
PS-245V-CMS	1.000	C	1	VCFJF
PS-246	1.250	C	1	BCFJF
PS-246-EPR-P66	1.250	C	1	QCFJF
PS-246V	1.250	C	3	VCFJF
PS-246V-CMS	1.250	C	1	VCFJF
PS-246V-CMS-P66	1.250	C	1	VCFJF
PS-247	1.500	C	1	BCFKF
PS-248	1.000	C	1	BCFKF
PS-248-EPR	1.000	C	1	QCFKF
PS-248V	1.000	C	3	VCFKF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-248V-CMS	1.000	C	1	VCFKF
PS-249	1.250	C	1	BCFKF
PS-249V	1.250	C	3	VCFKF
PS-249V-CMS	1.250	C	1	VCFKF
PS-250	.875	D	3	BCDKF
PS-251	1.000	E	3	BCFKF
PS-252	1.000	D	3	BCFKF
PS-252-EPR	1.000	D	3	QCFKF
PS-252-P66	1.000	D	3	BCFKF
PS-253	1.125	E	3	BCFKF
PS-254	1.125	D	3	BCFKF
PS-255	1.187	E	3	BCDKF
PS-256	1.250	E	3	BCFKF
PS-256V-CMS	1.250	E	1	VCFKF
PS-257	1.375	E	3	BCFKF
PS-257E-SC-SC-CMS	1.375	E	1	QLFLF
PS-257V	1.375	E	3	VCFKF
PS-258	1.500	E	3	BCFKF
PS-258-TC-SC	1.500	E	3	BZFLF
PS-258V-P66	1.500	E	3	VCFKF
PS-259	1.500	E	3	BCFKF
PS-259-EPR-CMS-SC	1.500	E	1	QCFLF
PS-262	1.750	E	3	BCFKF
PS-262-EPR-P66	1.750	E	3	QCFKF
PS-263	.625	D	1	BCDKF
PS-263V	.625	D	1	VCFKF
PS-264	1.250	E	3	BCFKF
PS-264-TC-P66	1.250	E	3	BCFZF
PS-264V-SC-SC	1.250	E	3	VLFLF
PS-265	.750	D	3	BCDKF
PS-267	2.000	C	1	BCFJF
PS-267-EPR	2.000	C	1	QCFJF
PS-267-P66	2.000	C	1	BCFJF
PS-267-SC-SC-CMS	2.000	C	1	BLFLF
PS-267-SC-TC-LC	2.000	C	3	BLFZF
PS-267-SC-TC-SEAT	2.000	C	3	BLFZF
PS-267-TC-SEAT	2.000	C	3	BCFZF
PS-267V	2.000	C	3	VCFJF
PS-267V-CMS	2.000	C	1	VCFJF
PS-267V-CMS-P66	2.000	C	1	VCFJF
PS-267V-SC-SC	2.000	C	3	VLFLF
PS-267V-SC-TC-CMS	2.000	C	1	VLFFZ
PS-267V-TC-SEAT	2.000	C	3	VCFZF
PS-268	2.375	C	3	BCFJF
PS-268-CMS	2.375	C	1	BCFJF
PS-268-CMS-P66	2.375	C	1	BCFJF
PS-268-P66	2.375	C	3	BCFJF
PS-268V	2.375	C	3	VCFJF
PS-269	2.500	C	3	BCFJF
PS-269V	2.500	C	3	VCFJF
PS-270	2.875	C	3	BCFJF
PS-272	3.750	C	3	BCFJF
PS-275	.750	C	1	BCFJF
PS-275-EPR	.750	C	1	QCFJF
PS-275V	.750	C	3	VCFJF
PS-276	1.000	T	1	BCFJF
PS-277	1.000	T	1	BCFKF
PS-278	2.375	E	3	BCFJF
PS-278-P66	2.375	E	3	BCFJF
PS-278V	2.375	E	3	VCFJF
PS-279	2.500	E	3	BCFJF



# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-279-CMS-P66	2.500	E	1	BCFJF
PS-279V	2.500	E	3	VCFJF
PS-279V-SC-TC	2.500	E	3	VLZFZ
PS-281	1.625	R	3	BCDKF
PS-281-CMS	1.625	R	1	BCDKF
PS-282	1.125	U	3	BCFKF
PS-282V	1.125	U	3	VCFKF
PS-283	1.500	D	1	BCFJF
PS-284	3.000	R	3	BCDKF
PS-288	1.750	D	1	BCDKF
PS-288-EPR	1.750	D	1	QCDKF
PS-288-P66	1.750	D	1	BCDKF
PS-288V	1.750	D	3	VCDKF
PS-288V-CMS	1.750	D	1	VCDKF
PS-290	.625	C	1	BCFJF
PS-290-EPR	.625	C	1	QCFJF
PS-290-EPR-SC-SC	.625	C	1	QLFLF
PS-290-P66	.625	C	1	BCFJF
PS-290V	.625	C	1	VCFJF
PS-290V-P66	.625	C	1	VCFJF
PS-293	.625	A	14	BMFKF
PS-293-EPR	.625	A	14	QCFKF
PS-293V	.625	A	14	VCFKF
PS-294	.875	C	1	BCFKF
PS-297	1.187	D	1	NCPJP
PS-300	.625	A	1	BMFJF
PS-300V	.625	A	3	VCFJF
PS-301	.750	A	1	BMFJF
PS-303	.875	D	1	BCDKF
PS-303-P66	.875	D	1	BCDKF
PS-303V	.875	D	3	VCDKF
PS-303V-CMS	.875	D	1	VCDKF
PS-303V-TC-SEAT	.875	D	3	VCFZF
PS-305	1.500	E	1	BCFJF
PS-305-EPR	1.500	E	1	QCFJF
PS-305-EPR-P66	1.500	E	1	QCFJF
PS-305-P66	1.500	E	1	BCFJF
PS-305-SC-SC	1.500	E	1	BLFLF
PS-305V	1.500	E	3	VCFJF
PS-305V-CMS	1.500	E	1	VCFJF
PS-305V-CMS-P66	1.500	E	1	VCFJF
PS-305V-P66	1.500	E	3	VCFJF
PS-305V-SC-SC-CMS	1.500	E	1	VLFLF
PS-305V-TC-SEAT	1.500	E	1	VCFZF
PS-305V-TC-TC	1.500	E	1	VZFZF
PS-306	1.187	E	1	BCDJF
PS-306V	1.187	E	3	VCFJF
PS-308	1.250	T	3	NCPKP
PS-309	.875	C	1	BCFJF
PS-309-EPR	.875	C	1	QCFJF
PS-309-P66	.875	C	1	BCFJF
PS-309-SC-SC-CMS	.875	C	1	BLFLF
PS-309-TC-TC-CMS	.875	C	1	BZFZF
PS-309V	.875	C	3	VCFJF
PS-309V-CMS	.875	C	1	VCFJF
PS-309V-P66	.875	C	3	VCFJF
PS-309V-P66-CMS	.875	C	1	VCFJF
PS-309V-SC-SC	.875	C	3	VLFLF
PS-309V-TC-CMS	.875	C	1	VCFZF
PS-310	1.187	E	1	BCDJF
PS-312	1.875	C	3	BCFKF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-312V	1.875	C	3	VCFKF
PS-314	1.500	E	3	BCFJF
PS-316	1.500	E	3	BCFKF
PS-317	1.750	E	1	BCFJF
PS-318	1.875	K	1	BCFJF
PS-318-TC-TC	1.875	K	1	BZFZF
PS-319	2.000	E	1	BCFJF
PS-319-P66	2.000	E	1	BCFJF
PS-319V	2.000	E	1	V/BCFJF
PS-320	1.500	C	1	BCFJF
PS-321	2.750	E	3	V/BCFKF
PS-321-P66-TCO	2.750	E	3	BCFZF
PS-321V	2.750	E	3	VCFKF
PS-321V-TC-SEAT	2.750	E	3	VCFZF
PS-322	2.750	K	3	BCFKF
PS-322-CMS	2.750	K	1	BCFJF
PS-323	2.250	E	1	BCDJF
PS-323-P66	2.250	E	1	BCDJF
PS-323-SC-TC-CMS	2.250	E	1	BLFZF
PS-323V-CMS	2.250	E	1	VCDJF
PS-324	3.000	E	3	BCDJF
PS-324-P66-CMS	3.000	E	1	BCDJF
PS-324-SC-TC-CMS	3.000	E	1	BLFZF
PS-324SS	3.000	E	3	BCFJF
PS-324SSV	3.000	E	3	VCFJF
PS-324-TC-TC	3.000	E	3	BZFZF
PS-325SS	3.250	U	3	BCFKF
PS-326	1.250	D	3	BCFKF
PS-326V	1.250	D	3	VCFKF
PS-327	2.125	E	3	BCFJF
PS-327V	2.125	E	3	VCFJF
PS-328	2.625	E	3	BCFJF
PS-328-P66	2.625	E	3	BCFJF
PS-329	2.875	E	3	BCFJF
PS-329-P66	2.875	E	3	BCFJF
PS-330	3.250	E	3	BCDJF
PS-332	2.000	C	3	BCFKF
PS-333	2.000	D	3	NCPGP
PS-335V	2.500	D	3	VCPGP
PS-338	2.125	C	3	BCFJF
PS-338-EPR	2.125	C	3	QCFJF
PS-338V	2.125	C	3	VCFJF
PS-338V-SC-SC	2.125	C	3	VLFLF
PS-340	1.875	C	1	BCFJF
PS-340-EPR-CMS	1.875	C	1	QCFJF
PS-340-EPR-TC-CMS	1.875	C	1	QCFZF
PS-340-P66	1.875	C	1	BCFJF
PS-340-TC-SC	1.875	C	1	BZFLF
PS-340-TC-TC	1.875	C	1	BZFZF
PS-340V	1.875	C	3	VCFJF
PS-340V-CMS	1.875	C	1	VCFJF
PS-340V-CMS-P66	1.875	C	1	VCFJF
PS-340V-TC-SC	1.875	C	3	VZFLF
PS-340V-TC-SC-CMS	1.875	C	1	VZFLF
PS-342	2.000	E	3	NCPKP
PS-343	1.187	E	1	BCDKF
PS-346	1.625	E	1	BCFJF
PS-346-P66	1.625	E	1	BCFJF
PS-347	1.500	C	1	BCFJF
PS-347-P66	1.500	C	1	BCFJF
PS-347V-CMS	1.500	C	1	VCFJF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-349	2.500	E	3	BCFKF
PS-349-TC-SEAT	2.500	E	3	BCFZF
PS-349V	2.500	E	3	VCFKF
PS-349V-SC-SEAT	2.500	E	3	VCFLF
PS-349V-TC-SC	2.500	E	3	VZFLF
PS-350	2.375	E	3	BCFKF
PS-350-CMS	2.375	E	1	BCFKF
PS-350V-P66-TC	2.375	E	3	VCFZF
PS-351	2.250	E	1	BCDKF
PS-351V	2.250	E	3	VCDKF
PS-353	2.125	E	1	BCFKF
PS-353V	2.125	E	3	VCFKF
PS-354	1.375	E	1	BCFJF
PS-354-EPR-P66	1.375	E	1	QCFJF
PS-354-EPR-SC-P66	1.375	E	1	QCFLF
PS-354-P66	1.375	E	1	BCFJF
PS-354V	1.375	E	3	VCFJF
PS-354V-CMS	1.375	E	1	VCFJF
PS-354V-CMS-P66	1.375	E	1	VCFJF
PS-354V-P66	1.375	E	3	VCFJF
PS-355	1.125	C	1	BCFKF
PS-355-P66	1.125	C	1	BCFKF
PS-355-SC-SC	1.125	C	1	BLFLF
PS-355V	1.125	C	3	VCFKF
PS-355V-CMS	1.125	C	1	VCFKF
PS-355V-SC-SEAT	1.125	C	3	VCFLF
PS-356	1.125	C	1	BCFJF
PS-356-EPR	1.125	C	1	QCFJF
PS-356-EPR-P66	1.125	C	1	QCFJF
PS-356-EPR-SC	1.125	C	1	QCFLF
PS-356-EPR-SC-SC	1.125	C	1	QLFLF
PS-356-P66	1.125	C	1	BCFJF
PS-356-P66-TC-SEAT	1.125	C	1	BCFZF
PS-356-SC-TC	1.125	C	1	BLFZF
PS-356-TC-TC	1.125	C	1	BZFZF
PS-356V	1.125	C	3	VCFJF
PS-356V-CMS	1.125	C	1	VCFJF
PS-356V-CMS-P66	1.125	C	1	VCFJF
PS-356V-SC-SC-CMS	1.125	C	1	VLFLF
PS-356V-TC-TC-CMS	1.125	C	1	VZFZF
PS-357	1.000	C	1	BCFKF
PS-357V	1.000	C	3	VCFKF
PS-357V-CMS	1.000	C	1	VCFKF
PS-358	.750	C	1	BCFJF
PS-358-EPR	.750	C	1	QCFJF
PS-358-EPR-SC-SC	.750	C	1	QLFLF
PS-358-P66	.750	C	1	BCFJF
PS-358V	.750	C	3	VCFJF
PS-358V-CMS	.750	C	1	VCFJF
PS-358V-CMS-P66	.750	C	1	VCFJF
PS-358V-P66	.750	C	3	VCFJF
PS-358V-SC-SC	.750	C	1	VLFLF
PS-358V-TC-CMS	.750	C	1	VCFZF
PS-358V-TC-TC	.750	C	1	VZFZF
PS-359	.625	C	1	BCFJF
PS-359-EPR-CMS	.625	C	1	QCFJF
PS-359-EPR-P66	.625	C	1	QCFJF
PS-359-EPR-P66-TC	.625	C	1	QCFZF
PS-359-P66	.625	C	1	BCFJF
PS-359V	.625	C	3	VCFJF
PS-359V-CMS	.625	C	1	VCFJF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-359V-CMS-P66	.625	C	1	VCFJF
PS-359V-P66	.625	C	3	VCFJF
PS-359V-SC-CMS	.625	C	1	VCFLF
PS-360	1.000	A	1	BCFJF
PS-360V	1.000	A	3	VCFJF
PS-360V-CMS	1.000	A	1	VCFJF
PS-361	1.250	E	1	BCFJF
PS-361-EPR	1.250	E	1	QCFJF
PS-361-EPR-P66	1.250	E	1	QCFJF
PS-361-P66	1.250	E	1	BCFJF
PS-361-SC-SC	1.250	E	1	BLFLF
PS-361-SC-TC	1.250	E	1	BLFZF
PS-361V	1.250	E	3	VCFJF
PS-361V-CMS	1.250	E	1	VCFJF
PS-361V-CMS-P66	1.250	E	1	VCFJF
PS-361V-SC-SEAT	1.250	E	1	VCFLF
PS-361V-SC-TC-CMS	1.250	E	1	VLFZF
PS-366	1.750	E	1	BCFKF
PS-366-TC-CMS	1.750	E	1	BCFZF
PS-366-TC-TC	1.750	E	1	BZFZF
PS-366V	1.750	E	3	VCFKF
PS-366V-CMS	1.750	E	1	VCFKF
PS-366V-CMS-P66	1.750	E	1	VCFKF
PS-366V-SC-CMS	1.750	E	1	VCFLF
PS-370	1.000	A	1	BCFKF
PS-371	1.500	D	1	BCFKF
PS-371-EPR	1.500	D	1	QCFKF
PS-371V	1.500	D	3	VCFKF
PS-371V-CMS	1.500	D	1	VCFKF
PS-371V-SC-SC	1.500	D	3	VLFLF
PS-373	.750	C	1	BCFKF
PS-373V	.750	C	1	VCFKF
PS-374	1.500	E	1	BCFKF
PS-374-P66	1.500	E	1	BCFKF
PS-374V	1.500	E	3	VCFKF
PS-374V-CMS	1.500	E	1	VCFKF
PS-378	1.500	C	1	BCFKF
PS-378V-CMS	1.500	C	1	VCFKF
PS-380	1.000	D	1	BCFJF
PS-380V	1.000	D	3	VCFJF
PS-380V-CMS	1.000	D	1	VCFJF
PS-381	1.250	D	1	BCFJF
PS-381-EPR	1.250	D	1	QCFJF
PS-381-P66	1.250	D	1	BCFJF
PS-381-SC-SC	1.250	D	1	BLFLF
PS-381V	1.250	D	3	VCFJF
PS-381V-CMS	1.250	D	1	VCFJF
PS-382	1.500	D	1	BCFJF
PS-382-P66	1.500	D	1	BCFJF
PS-383	1.250	D	1	BCFKF
PS-383V	1.250	D	3	VCFKF
PS-383V-CMS	1.250	D	1	VCFKF
PS-384	1.125	E	1	BCFKF
PS-384V-CMS	1.125	E	1	VCFKF
PS-385A	2.000	U	3	BCFKF
PS-385AV	2.000	U	3	VCFKF
PS-387	1.750	C	3	BCFJF
PS-387-CMS	1.750	C	1	VCFJF
PS-392	.500	C	1	B/QMFJF
PS-392-EPR-P66	.500	C	1	QCFJF
PS-392-P66	.500	C	1	B/QCFJF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-392V	.500	C	1	V/QCFJF
PS-392V-P66	.500	C	1	V/QCFJF
PS-393	.500	C	1	BMFKF
PS-394	1.250	U	3	BCF/DKF
PS-394V	1.250	U	3	VCF/DKF
PS-395	1.500	E	3	BCFJF
PS-395-EPR	1.500	E	3	QCFJF
PS-395V-SC-SEAT	1.500	E	3	VCFLF
PS-401A	.500	C	1	BCFJF
PS-404	1.375	D	25	BCDJF
PS-405	1.000	A	25	B/VCFJF
PS-411	.625	B	11	BMFJF
PS-411V	.625	B	11	VCFJF
PS-413	1.000	C	25	BCFJF
PS-413V	1.000	C	25	VCFJF
PS-416A	1.250	D	25	BCFJF
PS-428	.875	R	1	BCDJF
PS-429	1.000	R	1	BCFJF
PS-429V-CMS-P66	1.000	R	1	VCFJF
PS-430	1.000	R	1	BCFKF
PS-431	1.500	R	1	BCFJF
PS-432	1.500	R	1	BCFKF
PS-436	1.750	C	3	BCFKF
PS-436-EPR	1.750	C	3	QCFKF
PS-436-P66	1.750	C	3	BCFKF
PS-436-SC-SC	1.750	C	3	BLFLF
PS-436-SC-SEAT	1.750	C	3	BCFLF
PS-436-TC-TC	1.750	C	3	BZFZF
PS-436-TC-VS-SC	1.750	C	3	B/VZFLF
PS-436V	1.750	C	3	VCFKF
PS-436V-P66	1.750	C	3	VCFKF
PS-436V-TC-TC	1.750	C	3	VZFZF
PS-437	.750	D	1	BCDJF
PS-437-P66	.750	D	1	BCDJF
PS-437V	.750	D	1	VCDJF
PS-437V-P66	.750	D	1	VCDJF
PS-437V-SC-SC	.750	D	1	VLDLF
PS-440	.750	B	11	BMFJF
PS-441	.750	B	9	BMFKF
PS-445	2.000	D	1	BCDJF
PS-445V	2.000	D	3	VCDJF
PS-445V-CMS	2.000	D	1	VCDJF
PS-446	1.750	C	1	BCFJF
PS-446-316SS	1.750	C	1	BCFJF
PS-446-EPR	1.750	C	1	QCFJF
PS-446-EPR-P66	1.750	C	1	QCFJF
PS-446-EPR-SC	1.750	C	1	QCFLF
PS-446-P66	1.750	C	1	BCFJF
PS-446-SC-SC	1.750	C	1	BLFLF
PS-446-SC-SEAT	1.750	C	1	BCFLF
PS-446-SC-TC-CMS	1.750	C	1	BLFZF
PS-446-TC-TC	1.750	C	1	BZFZF
PS-446V	1.750	C	3	VCFJF
PS-446V-CMS	1.750	C	1	VCFJF
PS-446V-CMS-P66	1.750	C	1	VCFJF
PS-446V-P66	1.750	C	3	VCFJF
PS-446V-SC-SEAT	1.750	C	3	VCFLF
PS-446V-SC-TC	1.750	C	3	VLFZF
PS-446V-TC-SEAT	1.750	C	1	VCFZF
PS-446V-TC-TC	1.750	C	1	VZFZF
PS-447	.625	B	8	BCFJF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-447V	.625	B	8	VCFJF
PS-447V-P66	.625	B	8	VCFJF
PS-448	1.750	C	1	BCFKF
PS-448-EPR	1.750	C	1	QCFKF
PS-448-P66	1.750	C	1	BCFKF
PS-448V-CMS	1.750	C	1	VCFKF
PS-448V-CMS-P66	1.750	C	1	VCFKF
PS-448V-SC-TC	1.750	C	1	VLFZF
PS-448V-TC-P66	1.750	C	1	VCFZF
PS-449	1.750	K	1	BCFJF
PS-452	.625	B	9	BMFJF
PS-452V	.625	B	9	VCFJF
PS-453	.625	B	8	BCFKF
PS-453V	.625	B	8	VCFKF
PS-456	2.000	U	3	BCFKF
PS-456-CMS	2.000	U	1	BCFKF
PS-456-EPR	2.000	U	3	QCFKF
PS-456V	2.000	U	3	VCFKF
PS-456V-SC-SC	2.000	U	3	VFLF
PS-456V-TC-SEAT	2.000	U	3	VCFZF
PS-458	1.625	U	3	BCDKF
PS-458-CMS	1.625	U	1	BCDKF
PS-460	1.000	D	1	BCFKF
PS-460-P66	1.000	D	1	BCFKF
PS-460V	1.000	D	3	VCFKF
PS-460V-CMS	1.000	D	1	VCFKF
PS-461	1.625	D	1	BCDKF
PS-461-TC-SEAT	1.625	D	1	BCDZF
PS-461V	1.625	D	3	VCDKF
PS-461V-CMS	1.625	D	1	VCDKF
PS-462	2.000	D	1	BCDKF
PS-462V	2.000	D	3	VCDKF
PS-462V-TC-SC	2.000	E	3	VZFLF
PS-463	2.500	D	3	BCDKF
PS-463-TC-SC	2.500	D	3	BZFLF
PS-463V	2.500	D	3	VCDKF
PS-463VSS-SC-SEAT	2.500	D	3	VCFLF
PS-464	2.750	D	3	BCFKF
PS-464-TC-SEAT	2.750	D	3	BCFZF
PS-465	3.000	D	3	BCDKF
PS-465V	3.000	D	3	VCDKF
PS-466	1.250	C	1	BCFJF
PS-466-P66	1.250	C	1	BCFJF
PS-466-SC-SC	1.250	C	1	BLFLF
PS-466V	1.250	C	1	VCFJF
PS-466V-P66	1.250	C	1	VCFJF
PS-466V-SC-SC-CMS	1.250	C	1	VLFZF
PS-467	1.375	C	1	BCFKF
PS-468	2.500	D	3	BCDJF
PS-469	2.500	D	3	BCDKF
PS-477	2.000	E	3	BCFKF
PS-477-EPR	2.000	E	3	QCFKF
PS-477-EPR-SC	2.000	E	3	QCFLF
PS-477-P66	2.000	E	3	BCFKF
PS-477-TC-SC	2.000	E	3	BZFLF
PS-477-TC-SEAT	2.000	E	3	BCFZF
PS-477-TC-TC	2.000	E	3	BZFZF
PS-477V	2.000	E	3	VCFKF
PS-477V-TC-SEAT	2.000	E	3	VCFZF
PS-477V-TC-TC	2.000	E	3	VZFZF
PS-478	2.000	E	1	BCFKF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-479	2.000	E	1	BCFJF
PS-479-P66	2.000	E	1	BCFJF
PS-479-SC-TC	2.000	E	1	BLFZF
PS-479V	2.000	E	3	VCFJF
PS-479V-CMS-P66	2.000	E	1	VCFJF
PS-479V-TC-CMS	2.000	E	1	VCFZF
PS-479V-TC-TC	2.000	E	1	VZFZF
PS-483	2.750	C	3	BCFKF
PS-483-SC-TC-LC	2.750	C	3	BLFZF
PS-483-TC-SEAT	2.750	C	3	BCFZF
PS-483V-TC-SEAT	2.750	C	3	VCFZF
PS-491	1.375	D	1	BCDJF
PS-491-EPR	1.375	D	1	QCDJF
PS-491-P66	1.375	D	1	BCDJF
PS-491V	1.375	D	3	VCDJF
PS-491V-CMS	1.375	D	1	VCDJF
PS-491V-CMS-P66	1.375	D	1	VCDJF
PS-492	2.375	C	3	BCFKF
PS-492-CMS	2.375	C	1	BCFKF
PS-492-CMS-P66	2.375	C	1	BCFKF
PS-492-P66	2.375	C	3	BCFKF
PS-492V-CMS	2.375	C	1	VCFKF
PS-492V-P66	2.375	C	3	VCFKF
PS-492V-TC-SEAT	2.375	C	3	VCFZF
PS-493	.625	C	1	BCFKF
PS-493V	.625	C	1	VCFKF
PS-495	1.375	K	1	BCFJF
PS-495-EPR	1.375	K	1	QCFJF
PS-498	1.062	E	1	BCFKF
PS-499	1.000	C	3	BCFKF
PS-499-EPR	1.000	C	3	QCFKF
PS-501	.625	A	1	BMFJF
PS-501V	.625	A	3	VCFJF
PS-501V-CMS	.625	A	1	VCFJF
PS-506	.500	A	1	BMFKF
PS-507	.625	A	1	BMFKF
PS-507V	.625	A	3	VCFKF
PS-507V-CMS	.625	A	1	VCFKF
PS-508	.625	D	1	BCDJF
PS-508-EPR	.625	D	1	QCDJF
PS-508V	.625	D	3	VCDJF
PS-508V-CMS	.625	D	1	VCDJF
PS-508V-P66-CMS	.625	D	1	VCDJF
PS-510	1.250	D	1	BCFJF
PS-513	1.875	E	1	BCDKF
PS-514	1.625	D	1	BCDJF
PS-514-EPR	1.625	D	1	QCDJF
PS-514-EPR-P66	1.625	D	1	QCDJF
PS-514-EPR-TC	1.625	D	1	QCDZF
PS-514-P66	1.625	D	1	BCDJF
PS-514-SC-SC	1.625	D	1	BLDLF
PS-514V	1.625	D	3	VCDJF
PS-514V-CMS	1.625	D	1	VCDJF
PS-514V-P66	1.625	D	3	VCDJF
PS-514V-P66-CMS	1.625	D	1	VCDJF
PS-514V-P66-SC-CMS	1.625	D	1	VCDLF
PS-514V-SC-SC	1.625	D	3	VLDLF
PS-514V-SC-SC-CMS	1.625	D	1	VLDLF
PS-515	1.500	E	3	BCFJF
PS-515V	1.500	E	3	VCFJF
PS-516	.625	A	1	BCFJF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-517	1.250	D	3	BCFKF
PS-517-TC-SEAT	1.250	D	3	BCFZF
PS-518	.625	A	1	BCFKF
PS-518-SC-SC	.625	A	1	BLFLF
PS-519	1.750	U	3	BCFJF
PS-519-P66	1.750	U	3	BCFJF
PS-521	1.125	D	1	BCFKF
PS-522	.625	B	1	BCFKF
PS-523	1.875	E	1	BCDJF
PS-524	.625	A	1	BCFKF
PS-524-EPR	.625	A	1	QCFKF
PS-525	1.250	C	3	BCFKF
PS-528	.625	A	1	BMFJF
PS-528V	.625	A	1	VCFJF
PS-529	1.125	C	3	BCFKF
PS-529-EPR	1.125	C	3	QCFKF
PS-529V-SC-P66	1.125	C	3	VCFLF
PS-530	2.000	E	3	BCFJF
PS-531	.625	D	1	BCDJF
PS-532	2.000	C	3	BCFJF
PS-534	1.500	D	3	BCFKF
PS-535	1.750	E	3	BCFJF
PS-535-EPR	1.750	E	3	QCFJF
PS-535-P66-TC	1.750	E	3	BCFZF
PS-536	.625	C	3	BCFJF
PS-537	2.125	E	1	BCFJF
PS-537-P66	2.125	E	1	BCFJF
PS-539	1.000	C	1	BCFJF
PS-539V-CMS	1.000	C	1	VCFJF
PS-541	1.500	K	1	BCFJF
PS-541V	1.500	K	3	VCFJF
PS-542	2.625	E	3	BCFKF
PS-543	2.125	C	1	BCFKF
PS-543V	2.125	C	3	VCFKF
PS-544	1.625	C	3	BCFKF
PS-544V-SC-SC	1.625	C	3	VLFLF
PS-546	1.250	E	3	BCFV/JF
PS-547	1.375	C	3	BCFKF
PS-547-P66	1.375	C	3	BCFKF
PS-547-SC-SC	1.375	C	3	BLFLF
PS-547-TC-TC	1.375	C	3	BZFZF
PS-548	1.000	C	3	BCFJF
PS-550	1.750	C	3	BCFJF
PS-552	.625	C	3	B/VCFJF
PS-552-EPR	.625	C	3	QCFJF
PS-552-EPR-P66	.625	C	3	QCFJF
PS-552-SC-SC	.625	C	1	BLFLF
PS-553	1.500	C	3	BCFKF
PS-553-EPR	1.500	C	3	QCFKF
PS-555	1.750	U	1	BCF/DKF
PS-555SS	1.750	U	1	BCFKF
PS-556	2.125	U	1	BCFKF
PS-557	1.000	E	3	B/VCFJF
PS-560SS	.937	U	2	BCFKF
PS-560V	.937	U	3	VCFKF
PS-561SS	1.375	U	1	BCFKF
PS-561V	1.375	U	3	VCFKF
PS-582	2.000	C	3	BCFKF
PS-586-SC-SC	1.875	E	3	BLFLF
PS-586-SC-SEAT	1.875	E	3	BCFLF
PS-586V-SC-TC	1.875	E	3	VLFZF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-588	1.125	C	3	BCFKF
PS-593	1.875	D	3	BCDKF
PS-594	2.375	D	3	BCFKF
PS-594-P66	2.375	D	3	BCFKF
PS-595	1.625	E	3	BCDJF
PS-598	1.250	C	3	BCFKF
PS-598-EPR	1.250	C	3	QCCKF
PS-598-SC-SC	1.250	C	3	BLFLF
PS-598-TC-SEAT	1.250	C	3	BCFZF
PS-600	.625	B	1	BMFJF
PS-600V	.625	B	3	VCFJF
PS-600V-CMS	.625	B	1	VCFJF
PS-600V-CMS-P66	.625	B	1	VCFJF
PS-601	.750	B	1	BMFJF
PS-601V	.750	B	3	VCFJF
PS-601V-CMS	.750	B	1	VCFJF
PS-602	.875	D	1	BCDJF
PS-603	.875	D	1	BCDKF
PS-604	1.125	D	1	BCFJF
PS-604-EPR	1.125	D	1	QCCKF
PS-604V-CMS	1.125	D	1	VCFJF
PS-605	1.125	D	1	BCFKF
PS-605V	1.125	D	3	VCFKF
PS-605V-CMS	1.125	D	1	VCFKF
PS-606	.750	B	1	BMFKF
PS-607	1.125	E	1	BCFJF
PS-608	1.125	E	1	BCFKF
PS-609	1.625	E	1	BCDJF
PS-609V	1.625	E	1	VCDJF
PS-610	1.625	E	1	BCFKF
PS-610V	1.625	E	1	VCFKF
PS-611	2.125	E	3	BCFJF
PS-611-P66	2.125	E	3	BCFJF
PS-614	.787	D	1	BCDKF
PS-614V	.787	D	3	VCDKF
PS-616	.625	B	1	BMFKF
PS-617	.875	C	3	BCFKF
PS-618	1.250	C	3	BCFJF
PS-618-EPR-P66	1.250	C	3	QCCKF
PS-618-TC-TC	1.250	C	3	BZFZF
PS-618V-TC-SEAT	1.250	C	3	VCFZF
PS-619	1.125	E	3	BCFJF
PS-619V	1.125	E	3	VCFJF
PS-620	1.500	E	3	BCFJF
PS-620V	1.500	E	3	VCFJF
PS-626	.625	C	1	VCFJF
PS-627	1.125	C	1	BCFJF
PS-628	.625	A	3	BMFKF
PS-629	1.500	E	3	BCFKF
PS-631	.500	C	1	BCFJF
PS-632	.500	C	1	BCFKF
PS-633	.625	C	1	BCFKF
PS-633-EPR-CMS	.625	C	1	QCCKF
PS-633-TC-TC	.625	C	1	BZFZF
PS-633V	.625	C	3	VCFKF
PS-633V-CMS	.625	C	1	VCFKF
PS-633V-P66	.625	C	3	VCFKF
PS-633V-TC-SC	.625	C	1	VZFLF
PS-633V-TC-SEAT	.625	C	3	VCFZF
PS-637	.625	A	3	BMFJF
PS-658	2.000	R	1	BCDKF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-659	1.500	C	1	BCFKF
PS-659-TC	1.500	C	1	BCFZF
PS-659V	1.500	C	3	VCFKF
PS-659V-CMS	1.500	C	1	VCFKF
PS-659V-CMS-P66	1.500	C	1	VCFKF
PS-659V-P66	1.500	C	3	VCFKF
PS-659V-TC-VS-TC	1.500	C	1	VZFZF
PS-663	.500	Q	1	BMFJF
PS-664	1.562	E	3	BCFJF
PS-671	.375	B	1	BMFJF
PS-671V-CMS	.375	B	1	VCFJF
PS-674	1.750	T	1	BCFJF
PS-675	1.750	T	1	BCFKF
PS-677	1.375	E	1	BCFKF
PS-6775V	1.375	C	3	VCFJF
PS-677-TC-TC-CMS	1.375	E	1	BZFZF
PS-677V	1.375	E	3	VCFKF
PS-680	.625	A	1	BCFJF
PS-681	1.250	U	1	BCD/FJF
PS-682	1.500	C	1	BCFJF
PS-683	.750	C	1	BCFJF
PS-685	.875	R	1	BCDKF
PS-687	.875	C	1	BCFKF
PS-687V	.875	C	3	VCFKF
PS-687V-CMS	.875	C	1	VCFKF
PS-700	.625	B	1	BMFJF
PS-701	.625	A	1	BMFKF
PS-701-EPR	.625	A	1	QCCKF
PS-701V	.625	A	1	VCFKF
PS-702	.625	A	1	BMFJF
PS-702-EPR	.625	A	1	QCCKF
PS-702V	.625	A	1	VCFJF
PS-702V-CMS-P66	.625	A	1	VCFJF
PS-703	.875	D	1	BCDJF
PS-703-P66	.875	D	1	BCDJF
PS-703V	.875	D	3	VCFJF
PS-703V-CMS	.875	D	1	VCFJF
PS-703VSS-SC-SC-CM	.875	D	1	VLFLF
PS-705	1.437	E	3	BCFJF
PS-707	2.062	E	3	BCDKF
PS-710	1.062	E	1	BCFJF
PS-711	.625	A	3	BMFJF
PS-712	.625	B	3	BMFKF
PS-715	.625	B	3	BMFJF
PS-717	.625	B	3	BMFJF
PS-719	1.771	E	1	BCFKF
PS-722	1.771	E	1	BCFJF
PS-723	1.187	T	1	BCDJF
PS-723V-CMS	1.187	T	1	VCDJF
PS-724	1.187	T	1	BCDKF
PS-725	1.375	T	1	BCFJF
PS-725V	1.375	T	1	VCFJF
PS-726	1.375	T	1	BCFKF
PS-727	1.771	T	1	BCFJF
PS-728	1.771	T	1	BCFKF
PS-732	.625	C	3	BCFKF
PS-732-EPR	.625	C	3	QCCKF
PS-734	.625	D	3	BCDKF
PS-735	.625	D	3	BCDJF
PS-735-EPR-P66-SCO	.625	D	3	QCCLF
PS-737	.625	D	3	BCDJF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-743	1.875	T	1	BCFKF
PS-744	1.625	E	1	BCDKF
PS-744V	1.625	E	3	VCDKF
PS-745	1.625	E	1	BCDJF
PS-745-P66	1.625	E	1	BCDJF
PS-745V	1.625	E	3	VCFJF
PS-745V-CMS	1.625	E	1	VCDJF
PS-749	.500	Q	1	BMFJF
PS-750	.750	D	1	BCDJF
PS-750-EPR	.750	D	1	QCDJF
PS-750V	.750	D	3	VCDJF
PS-750V-CMS	.750	D	1	VCDJF
PS-750V-CMS-P66	.750	D	1	VCDJF
PS-752	.750	D	1	BCDKF
PS-752V	.750	D	3	VCDKF
PS-752V-CMS	.750	D	1	VCDKF
PS-754	1.000	E	1	BCFJF
PS-754-P66	1.000	E	1	BCFJF
PS-754V	1.000	E	3	VCFJF
PS-754V-CMS	1.000	E	1	VCFJF
PS-754V-CMS-P66	1.000	E	1	VCFJF
PS-756	1.250	C	1	BCFKF
PS-756-EPR	1.250	C	1	QCFKF
PS-756-P66	1.250	C	1	BCFKF
PS-756V	1.250	C	3	VCFKF
PS-756V-CMS	1.250	C	1	VCFKF
PS-756V-CMS-P66	1.250	C	1	VCFKF
PS-756V-P66	1.250	C	3	VCFKF
PS-756V-SC-SEAT	1.250	C	3	VCFLF
PS-756V-SC-TC	1.250	C	3	VLFZF
PS-758	1.500	C	1	BCFJF
PS-758-EPR	1.500	C	3	QCFJF
PS-758-EPR-CMS	1.500	C	1	QCFJF
PS-758-P66	1.500	C	1	BCFJF
PS-758-SC-SC	1.500	C	1	BLFLF
PS-758-SC-SEAT	1.500	C	1	BCFLF
PS-758-SC-TC-CMS	1.500	C	1	BLFZF
PS-758V	1.500	C	3	VCFJF
PS-758V-CMS	1.500	C	1	VCFJF
PS-758V-P66-CMS	1.500	C	1	VCFJF
PS-758V-SC-SC	1.500	C	1	VFLFLF
PS-758V-SC-SEAT	1.500	C	1	VCFLF
PS-758V-TC-SC-CMS	1.500	C	1	VZFLF
PS-760	.750	A	3	BMFJF
PS-761	3.000	D	3	BCDJF
PS-762	.750	A	3	BMFKF
PS-764	.750	A	1	BCFJF
PS-765	.750	B	3	BMFJF
PS-766	.750	B	3	BMDKF
PS-767	.750	C	3	B/VCFJF
PS-767-EPR	.750	C	3	QCFJF
PS-768	.750	C	3	BCFKF
PS-771	.750	C	3	BCFJF
PS-773	.750	C	3	BCFKF
PS-774	.875	C	3	BCFV/JF
PS-775	.875	D	3	BCDJF
PS-776	.875	E	3	BCFJF
PS-777	1.000	A	3	BCFJF
PS-778	1.000	A	3	BCFKF
PS-779	1.000	C	1	BCFKF
PS-779V-CMS	1.000	C	1	VCFKF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-788	.500	B	1	BMFKF
PS-790	.875	D	1	BCDJF
PS-790V	.875	D	1	VCDJF
PS-791	1.000	E	3	BCFKF
PS-792	.750	S	8	NAPSP
PS-793	1.000	S	8	NAPSP
PS-794	1.250	S	8	NAPSP
PS-795	.625	S	8	NAPSP
PS-797	1.062	D	3	BCFJF
PS-798V	1.062	E	3	VCFJF
PS-799	1.062	E	3	BCFKF
PS-800	.625	C	1	BMFJF
PS-800V	.625	C	1	V/BMFJF
PS-801	1.125	C	3	B/VCFJF
PS-802	1.125	D	3	BCFJF
PS-804	1.250	D	3	BCFJF
PS-805	1.375	C	3	BCFJF
PS-806	1.375	D	3	BCDJF
PS-807	1.375	D	3	BCDKF
PS-810	.625	C	1	N/BCFJF
PS-810V-CMS	.625	C	1	VCFJF
PS-816	1.500	C	3	BCFJF
PS-817	1.500	D	3	BCFJF
PS-818	1.625	C	3	BCFJF
PS-818-P66	1.625	C	3	BCFJF
PS-819	1.625	D	3	BCDKF
PS-821	1.625	D	3	BCDJF
PS-822	1.625	E	3	BCDKF
PS-822-EPR	1.625	E	3	QCDKF
PS-822-P66	1.625	E	3	BCDKF
PS-825	1.750	D	3	BCDKF
PS-826	1.750	D	3	BCDJF
PS-828	1.875	D	1	BCDJF
PS-832	2.000	D	3	BCDKF
PS-833	2.000	D	3	BCDJF
PS-834	2.375	D	3	BCFJF
PS-834-CMS-P66	2.375	D	1	BCFJF
PS-834-EPR	2.375	D	3	QCFJF
PS-834-P66	2.375	D	3	BCFJF
PS-834-TC-SEAT	2.375	D	3	BCFZF
PS-835	2.500	D	3	BCDJF
PS-836	2.750	C	3	BCFJF
PS-836-CMS	2.750	C	1	BCFJF
PS-836-CMS-P66	2.750	C	1	BCFJF
PS-836-P66	2.750	C	3	BCFJF
PS-837	2.750	D	3	BCFJF
PS-837-P66	2.750	D	3	BCFJF
PS-838	2.750	E	3	V/BCFJF
PS-838-316SS	2.750	E	3	V/BCFJF
PS-838-P66	2.750	E	3	V/BCFJF
PS-841	2.875	E	3	BCFKF
PS-841-EPR	2.875	E	3	QCFKF
PS-841-P66	2.875	E	3	BCFKF
PS-842	2.000	C	1	BCFKF
PS-842-P66	2.000	C	1	BCFKF
PS-842-TC SEAT	2.000	C	1	BCFZF
PS-842V	2.000	C	1	VCFKF
PS-842V-P66-CMS	2.000	C	1	VCFKF
PS-843	2.000	E	1	BCFKF
PS-843V-CMS	2.000	E	1	VCFKF
PS-844	2.125	C	1	BCFJF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-844-P147	2.125	C	1	BCFJF
PS-845	.937	U	3	BCFGF
PS-846	2.250	D	3	BCDJF
PS-847	2.250	D	3	BCDKF
PS-848	2.250	E	3	BCDJF
PS-849	2.250	E	3	BCDKF
PS-851	.750	A	1	BCFJF
PS-851-EPR	.750	A	1	QCFJF
PS-853	2.500	C	3	BCFKF
PS-854	2.125	C	3	BCFJF
PS-855	2.125	C	3	BCFKF
PS-856	2.125	E	3	BCFJF
PS-857	2.125	E	3	BCFKF
PS-857V	2.125	E	3	VCFKF
PS-857V-TC-SEAT	2.125	E	3	VCFZF
PS-858-EPR-SC-SC	1.750	E	3	QLFLF
PS-858V-SC-SEAT	1.750	E	3	VCFLF
PS-859-EPR-SC-SEAT	1.750	E	3	QCFLF
PS-859-TC-SEAT	1.750	E	3	BCFZF
PS-864	1.375	E	3	BCFJF
PS-865	1.375	E	3	BCFKF
PS-865-P66	1.375	E	3	BCFKF
PS-865-SC-SEAT	1.375	E	3	BCFLF
PS-865V-SC-SC	1.375	E	3	VFLFL
PS-865V-SC-TC	1.375	E	3	VLFZF
PS-865V-TC-SC	1.375	E	3	VZFLF
PS-866	1.125	E	3	BCFJF
PS-867	1.125	E	3	BCFKF
PS-867-EPR	1.125	E	3	QCFKF
PS-867V	1.125	E	3	VCFKF
PS-867V-TC-SEAT	1.125	E	3	VCFZF
PS-868	1.500	T	1	BCFJF
PS-874	2.250	D	1	BCDJF
PS-876	2.000	D	1	BCDKF
PS-877	.750	C	1	BCFJF
PS-877V	.750	C	1	VCFJF
PS-878	.875	K	1	BCFKF
PS-879	1.000	K	1	BCFJF
PS-879-SC-TC	1.000	K	1	BLFZF
PS-879V-CMS	1.000	K	1	VCFJF
PS-883	1.250	K	1	BCFJF
PS-883V-CMS	1.250	K	1	VCFJF
PS-884	1.500	K	1	BCFKF
PS-885-EPR-P66	1.125	E	3	QCFKF
PS-886	1.125	T	3	BCFJF
PS-887	2.125	K	1	BCFJF
PS-890	1.250	K	1	BCFKF
PS-891	1.000	K	1	BCFKF
PS-892	.875	K	1	BCFJF
PS-892V	.875	K	3	VCFJF
PS-898	1.875	U	3	BCFJF
PS-902	.750	B	9	BMFKF
PS-918	1.125	T	3	BCFKF
PS-921	.750	A	1	BMFKF
PS-923	1.250	C	25	BCFJF
PS-923-EPR	1.250	C	25	QCFJF
PS-923V	1.250	C	25	VCFJF
PS-926	1.500	C	3	BCFJF
PS-929	1.375	C	25	BCFJF
PS-935	.875	E	1	BCFKF
PS-935V-CMS	.875	E	1	VCFKF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-941	2.250	D	1	BCDKF
PS-941-EPR	2.250	D	1	QCDKF
PS-941V	2.250	D	3	VCDKF
PS-943	1.437	E	3	NCPKF
PS-944	.750	C	1	BCFJF
PS-944-EPR	.750	C	1	QCFJF
PS-944V	.750	C	1	VCFJF
PS-948	1.125	E	3	BCFKF
PS-949	1.875	E	3	BCFKF
PS-951	.625	C	3	VCFKF
PS-952	.625	A	1	BCFJF
PS-952-P66	.625	A	1	BCFJF
PS-953	.625	A	1	BCFJF
PS-954	.625	A	1	BCFKF
PS-954V-CMS	.625	A	1	VCFKF
PS-955	.625	A	1	BCFKF
PS-957	.625	A	1	BCFJF
PS-961	.625	B	1	BCFJF
PS-963	.625	B	1	BCFJF
PS-964	.625	B	1	BCFKF
PS-968	.750	A	1	BCFJF
PS-973	.750	A	1	BCFKF
PS-976	1.250	D	1	BCFJF
PS-976V	1.250	D	1	VCFJF
PS-977	1.250	D	1	BCFKF
PS-978	1.250	C	1	BCFJF
PS-978-EPR	1.250	C	1	QCFJF
PS-978-EPR-P66	1.250	C	1	QCFJF
PS-978-EPR-SC-SC	1.250	C	1	QLFLF
PS-978-EPR-TC	1.250	C	1	QCFZF
PS-978-P66	1.250	C	1	BCFJF
PS-978-SC-TC	1.250	C	1	BLFZF
PS-978-TC-SEAT	1.250	C	1	BCFZF
PS-978V	1.250	C	1	VCFJF
PS-978V-P66	1.250	C	1	VCFJF
PS-978V-P66-TC	1.250	C	1	VCFZF
PS-978V-SC-P66	1.250	C	1	VCFLF
PS-978V-SC-SC	1.250	C	1	VFLFL
PS-978V-TC-TC	1.250	C	1	VZFZF
PS-979	1.250	C	1	BCFKF
PS-979-EPR	1.250	C	1	QCFKF
PS-979-P66	1.250	C	1	BCFKF
PS-979V	1.250	C	1	VCFKF
PS-979V-P66	1.250	C	1	VCFKF
PS-981	1.250	D	3	BCFKF
PS-982	1.000	C	1	BCFN/KF
PS-982V-CMS	1.000	C	1	VCFN/KF
PS-983	1.125	C	1	BCFKF
PS-983V	1.125	C	3	VCFKF
PS-983V-TC-TC	1.125	C	3	VZFZF
PS-984	.500	C	1	BCFKF
PS-989	.625	C	1	N/BCFJF
PS-1000	.625	B	1	BMFJF
PS-1000V	.625	B	3	VCFJF
PS-1000V-CMS	.625	B	1	VCFJF
PS-1002	.500	C	1	BCFJF
PS-1002-EPR	.500	C	1	QCFJF
PS-1002-P66	.500	C	1	BCFJF
PS-1002V	.500	C	1	VCFJF
PS-1005A	.625	B	1	BMFKF
PS-1012	.500	C	1	B/QCFJF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-1016	.625	C	1	N/BCFJF
PS-1017	2.000	C	1	BCFKF
PS-1017-TC-SEAT	2.000	C	3	BCFZF
PS-1018	1.250	C	3	BCFKF
PS-1018-CMS	1.250	C	1	BCFKF
PS-1018-EPR	1.250	C	3	QCCKF
PS-1018-EPR-P66	1.250	C	3	QCCKF
PS-1018-P66	1.250	C	3	BCFKF
PS-1018-SC-SC	1.250	C	3	BLFLF
PS-1018V	1.250	C	3	VCFKF
PS-1019	1.625	C	3	BCFKF
PS-1019-CMS	1.625	C	1	BCFKF
PS-1019-CMS-P66	1.625	C	1	BCFKF
PS-1019-SC-SC	1.625	C	3	BLFLF
PS-1019-TC-SEAT	1.625	C	3	VCFZF
PS-1019V	1.625	C	3	VCFKF
PS-1019V-P66	1.625	C	3	VCFKF
PS-1019V-SC-SC	1.625	C	3	VLFLF
PS-1020	2.000	C	3	BCFKF
PS-1020-EPR-P66	2.000	C	3	QCCKF
PS-1020V	2.000	C	3	VCFKF
PS-1021	.625	B	8	BMFJF
PS-1026	.750	D	1	BCDKF
PS-1028	2.000	C	1	BCFKF
PS-1034V	1.000	C	28	VCFKF
PS-1035	1.625	C	28	BCFKF
PS-1036	1.250	C	28	BCFKF
PS-1036V	1.250	C	28	VCFKF
PS-1037	2.000	C	28	BCFKF
PS-1037V	2.000	C	28	VCFKF
PS-1038	1.750	C	28	BCFKF
PS-1039	1.625	C	28	VCFKF
PS-1040	2.000	K	3	BCFKF
PS-1041	2.375	K	3	BCFKF
PS-1042	1.750	U	1	BCFJF
PS-1043	.500	C	1	BMFJF
PS-1044	1.187	C	28	BCFKF
PS-1044V	1.187	C	28	VCFKF
PS-1045	.625	C	3	VCFJF
PS-1048	1.000	C	1	BCFJF
PS-1048V-CMS	1.000	C	1	VCFJF
PS-1049	1.000	C	3	BCFJF
PS-1053	1.250	C	3	B/VCFKF
PS-1056	1.750	C	3	BCFKF
PS-1056V	1.750	C	3	VCFKF
PS-1056V-SC-SEAT	1.750	C	3	VCFLF
PS-1057	2.125	C	3	B/VCFKF
PS-1060V	3.000	E	3	VCDKF
PS-1061	.562	A	1	VCFJF
PS-1062	1.375	C	3	VCFKF
PS-1064V	.312	C	3	VCFJF
PS-1065	.375	C	3	BCFJF
PS-1065-EPR	.375	C	3	QCCKF
PS-1065V	.375	C	3	VCFJF
PS-1067	1.125	E	1	BCFKF
PS-1068	1.750	C	1	BCFKF
PS-1070	1.750	U	3	BCFJF
PS-1078	1.750	E	27	BCFJF
PS-1078V	1.750	E	27	VCFJF
PS-1079	.625	C	1	NCFJF
PS-1080	.625	C	1	NCFKF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-1081	1.250	C	1	NCFJF
PS-1082	1.250	C	1	NCFKF
PS-1083	1.250	C	1	NCFJF
PS-1084	1.250	C	1	NCFKF
PS-1085	.625	C	1	BCFJF
PS-1085V	.625	C	1	B/VCFJF
PS-1086	1.000	A	3	BCFJF
PS-1087	2.250	C	1	BCFJF
PS-1087V-CMS	2.250	C	1	VCFJF
PS-1087V-SC-TC-CMS	2.250	C	1	VLFZF
PS-1088	3.000	C	3	BCFJF
PS-1088-CMS	3.000	C	1	BCFJF
PS-1088-TC-TC	3.000	C	3	B/VZFZF
PS-1088-TC-TC-CMS	3.000	C	1	BZFZF
PS-1088V	3.000	C	3	VCFJF
PS-1088V-CMS	3.000	C	1	VCFJF
PS-1088V-TC-TC	3.000	C	3	VZFZF
PS-1088V-TC-TC-CMS	3.000	C	1	VZFZF
PS-1089	.625	B	1	V/BCFJF
PS-1091	.625	C	1	VCFJF
PS-1092	.750	C	1	VCFKF
PS-1092-TC-TC	.750	C	1	VZFZF
PS-1093	.750	C	1	VCFJF
PS-1094	1.000	C	1	VCFJF
PS-1094-EPR	1.000	C	1	QCCKF
PS-1094-P66	1.000	C	1	VCFJF
PS-1097	1.875	D	1	BCDKF
PS-1098	.500	B	1	BMFJF
PS-1102	2.125	V	3	BCFJF
PS-1104	1.375	V	25	BCFJF
PS-1105	1.875	V	25	BMFJF
PS-1107-CMS	2.125	V	1	BCFJF
PS-1108	1.875	V	1	BMFJF
PS-1109	1.250	C	3	BCFKF
PS-1109-CER	1.250	C	3	BCFJF
PS-1109-EPR	1.250	C	3	QCCKF
PS-1109-P66	1.250	C	3	BCFKF
PS-1109-SC-TC	1.250	C	3	BLFZF
PS-1109-TC-TC	1.250	C	3	BZFZF
PS-1109V	1.250	C	3	VCFKF
PS-1109V-SC-SEAT	1.250	C	3	VCFLF
PS-1110	1.500	C	3	BCFKF
PS-1110V	1.500	C	3	VCFKF
PS-1112	.500	Q	9	BMFJF
PS-1113	.750	C	1	BCFKF
PS-1118	1.250	K	1	B/HCFJF
PS-1119	.625	C	1	BCFJF
PS-1119V	.625	C	1	VCFJF
PS-1120	.500	C	1	BCFJF
PS-1123	1.000	C	1	BCFKF
PS-1123-TC-TC	1.000	C	1	BZFZF
PS-1125	.750	C	1	BCFJF
PS-1125-EPR	.750	C	1	QCCKF
PS-1125-P66	.750	C	1	BCFJF
PS-1125-SC-SC	.750	C	1	BLFLF
PS-1133	.437	C	1	BCFJF
PS-1137	.500	Q	1	BMFJF
PS-1142	1.750	K	3	BCFJ/KF
PS-1145	2.000	C	3	VCFKF
PS-1149	.500	Q	9	BMFJF
PS-1150	.625	A	1	BMFKF



# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-1152	.625	B	1	BMFKF
PS-1154	.625	C	1	BCFKF
PS-1155	.625	C	1	BCFJF
PS-1155V	.625	C	1	VCFJF
PS-1155V-TC-SEAT	.625	C	1	VCFZF
PS-1156	.625	C	1	BCFKF
PS-1156V	.625	C	3	VCFKF
PS-1158	.625	E	2	BCDKF
PS-1160	.750	C	1	BCFKF
PS-1161	.750	D	1	BCDJF
PS-1162	.750	D	1	BCDJF
PS-1163	.875	C	1	BCFJF
PS-1167	1.125	C	1	BCFKF
PS-1172	1.125	E	3	BCFJF
PS-1172V	1.125	E	3	VCFJF
PS-1173	1.125	E	3	BCFKF
PS-1176	1.125	K	1	BCFJF
PS-1177	1.125	K	1	BCFKF
PS-1178	1.125	T	3	BCFJF
PS-1179	1.181	D	1	BCDKF
PS-1179-P66	1.181	D	1	BCDKF
PS-1179V	1.181	D	1	VCDKF
PS-1179V-P66	1.181	D	1	VCDKF
PS-1180	1.187	E	1	BCDKF
PS-1183-P66	1.250	E	3	BCFKF
PS-1185	1.250	E	1	NCPJP
PS-1186	1.250	E	1	BCFKF
PS-1187	1.250	T	1	BCFJF
PS-1195	1.625	K	1	BCFJF
PS-1196-EPR	1.750	E	1	QCFJF
PS-1197	1.750	K	1	BCFKF
PS-1199	1.750	U	3	BCFKF
PS-1510	.750	C	1	BCFJF
PS-1510V	.750	C	1	VCFJF
PS-1525	.750	A	1	BMFJF
PS-1604	.750	K	1	BCFJF
PS-1608	1.875	C	1	BCFKF
PS-1608V-CMS	1.875	C	1	VCFKF
PS-1609	2.000	E	1	BCFKF
PS-1610	2.000	R	1	BCDJF
PS-1612	2.125	E	3	BCFKF
PS-1612V	2.125	E	3	VCFKF
PS-1613	2.500	K	3	BCFJF
PS-1615	.375	B	1	BMFJF
PS-1618	.625	C	1	BCFJF
PS-1619	1.000	Q	1	BCDJF
PS-1621	.500	Q	9	BMFJF
PS-1622	.750	B	9	BMFJF
PS-1622V	.750	B	9	VMFJF
PS-1623	1.250	K	3	BCFJ/KF
PS-1625	.625	C	3	BCFKF
PS-1625-CMS	.625	C	1	BCFKF
PS-1626	.625	C	3	VCFKF
PS-1626-CMS	.625	C	1	VCFKF
PS-1630	1.000	D	3	BCPKF
PS-1631	1.000	T	3	NCPKF
PS-1632V	1.250	D	3	VCPKF
PS-1633	1.437	T	3	NCPKF
PS-1634	1.437	E	3	BCPKF
PS-1634V	1.437	E	3	VCPKF
PS-1636	1.125	E	3	B/VCFJF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-1637	1.125	E	3	B/VCFKF
PS-1639V	1.125	E	3	VCFKF
PS-1646	1.500	E	3	VCFZF
PS-1647	1.500	E	3	B/VCFJF
PS-1648	1.500	E	3	B/VCFKF
PS-1651	1.500	E	3	VCFJF
PS-1652	1.500	E	3	VCFKF
PS-1653	1.875	T	3	VCFJF
PS-1659	1.875	E	3	VCFJF
PS-1659V-CMS	1.875	E	1	VCFJF
PS-1660	1.875	E	3	VCFKF
PS-1661	1.875	E	3	VCFZF
PS-1664	1.875	E	3	B/VCFJF
PS-1667	1.375	C	1	BCFKF
PS-1667-EPR	1.375	C	1	QCFKF
PS-1667V	1.375	C	1	VCFKF
PS-1668	1.125	E	3	BCFZF
PS-1674	1.750	C	1	BCFKF
PS-1674-EPR-P66	1.750	C	1	QCFKF
PS-1674-SC-SEAT	1.750	C	1	BCFLF
PS-1674-TC-SEAT	1.750	C	1	BCFZF
PS-1674V-TC-TC-CM	1.750	C	1	VZFZF
PS-1675	.590	D	1	BCFKF
PS-1676	2.250	C	3	BCFKF
PS-1676-EPR-P66	2.250	C	3	QCFKF
PS-1676-TC-SEAT	2.250	C	3	B/VCFZF
PS-1676V	2.250	C	3	VCFKF
PS-1676V-TC-SEAT	2.250	C	3	VCFZF
PS-1677	2.375	C	28	BCFKF
PS-1677V	2.375	C	28	VCFKF
PS-1678	2.250	C	3	BCFJF
PS-1678V	2.250	C	3	VCFJF
PS-1679	2.250	C	1	BCFJF
PS-1679-EPR-P66	2.250	C	3	QCFJF
PS-1679-P66	2.250	C	1	BCFJF
PS-1679V-CMS	2.250	C	1	VCFJF
PS-1680	2.250	C	1	BCFKF
PS-1680-P66	2.250	C	1	BCFKF
PS-1680-TC-TC	2.250	C	1	BZFZF
PS-1680V	2.250	C	1	VCFKF
PS-1681	.875	D	3	BCDKF
PS-1681V	.875	D	3	VCDKF
PS-1682	1.125	C	1	BCFJF
PS-1683	1.625	E	3	BCFJF
PS-1683-P66	1.625	E	3	BCFJF
PS-1683V	1.625	E	3	VCFJF
PS-1684	1.750	E	3	BCFJF
PS-1686	2.125	D	1	BCFJF
PS-1687	2.125	D	1	BCFKF
PS-1688	2.250	E	3	BCFJF
PS-1688V	2.250	E	3	VCFJF
PS-1691	1.500	E	3	VCFKF
PS-1692	1.500	E	3	VCFZF
PS-1693	1.875	K	1	BCFKF
PS-1694	2.375	K	3	BCFJF
PS-1695	2.500	K	3	BCFKF
PS-1696-CMS	3.000	C	1	BCFJF
PS-1697	1.625	D	3	BCFKF
PS-1697-TC-SEAT	1.625	D	3	BCFZF
PS-1698	1.625	D	3	BCFJF
PS-1699	1.625	E	3	BCFKF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-1699V	1.625	E	3	VCFKF
PS-1699V-SC-TC	1.625	E	3	VLFZF
PS-1699V-TC-P66	1.625	E	3	VCFZF
PS-1754	.750	C	1	BCFJF
PS-1900	.625	G	1	VFLFL
PS-1901	.625	G	1	VFLFL
PS-1902	.750	G	1	VFLFL
PS-1903	.625	A	1	VFLFL
PS-1904	.750	B	1	VFLFL
PS-1905	.625	B	1	VFLFL
PS-1906	.625	G	1	VFLFL
PS-1907	.625	G	1	VFLFL
PS-1908	.750	A	1	VFLFL
PS-1909	.984	G	1	VFLFL
PS-1910	1.250	C	25	VFLFL
PS-1912	.625	G	1	VFLFL
PS-2000	.625	D	1	BCFJF
PS-2000V-CMS	.625	D	1	VCFJF
PS-2004	.625	D	1	BCFJF
PS-2008	.750	D	1	BCFJF
PS-2009	.750	D	1	BCFKF
PS-2010	.750	D	3	BCFJF
PS-2014	.750	E	3	V/BCFJF
PS-2015	.750	E	3	BCFKF
PS-2016	.625	E	1	BCFJF
PS-2017	.625	E	1	BCFKF
PS-2020	.625	E	1	BCFJF
PS-2022	.625	E	3	BCFJF
PS-2024	.875	D	1	BCFJF
PS-2026	.875	D	3	B/VCFJF
PS-2027	.875	D	3	BCFKF
PS-2027V	.875	D	3	VCFKF
PS-2029	.875	E	1	BCFKF
PS-2033	1.000	D	3	BCFJF
PS-2045	1.375	D	1	BCFJF
PS-2046	1.375	D	1	BCFKF
PS-2047	1.375	D	3	BCFJF
PS-2047V	1.375	D	3	VCFJF
PS-2048	1.375	D	3	BCFKF
PS-2055	1.625	D	1	BCFJF
PS-2055V-CMS	1.625	D	1	VCFJF
PS-2056	1.625	D	1	BCFKF
PS-2057	1.625	E	1	BCFJF
PS-2058	1.625	E	1	BCFKF
PS-2058V-TC-SEAT	1.625	E	1	VCFZF
PS-2059	1.750	D	1	BCFJF
PS-2059V	1.750	D	1	VCFJF
PS-2060	1.750	D	1	BCFKF
PS-2060-TC-TC	1.750	D	1	BZFZF
PS-2061	1.750	D	3	BCFJF
PS-2061-SC-SEAT	1.750	D	3	BCFLF
PS-2062	1.750	D	3	BCFKF
PS-2069	1.875	E	1	BCFJF
PS-2069-TC-SEAT	1.875	E	1	BCFZF
PS-2070	1.875	E	1	BCFKF
PS-2071	1.875	E	3	BCFJF
PS-2072	1.875	E	3	BCFKF
PS-2072-TC-TC	1.875	E	3	BZFZF
PS-2073	2.000	D	1	BCFJF
PS-2073V-SC-TC-CMS	2.000	D	1	VLFZF
PS-2075	2.000	D	3	BCFJF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-2076	2.000	D	3	BCFKF
PS-2086	2.125	E	3	BCFKF
PS-2087	2.250	D	1	BCFJF
PS-2088	2.250	D	1	BCFKF
PS-2089	2.250	D	3	BCFJF
PS-2090	2.250	D	3	BCFKF
PS-2091	2.250	E	1	BCFJF
PS-2092	2.250	E	1	BCFKF
PS-2093	2.125	D	3	BCFJF
PS-2094	2.250	E	3	BCFKF
PS-2094V	2.250	E	3	VCFKF
PS-2095	2.375	D	3	BCFKF
PS-2097-CMS	2.375	E	1	BCFJF
PS-2098V	2.375	E	3	VCFKF
PS-2114	1.875	C	3	BCFJF
PS-2115	3.000	C	3	BCFKF
PS-2115-TC-SEAT	3.000	C	3	BCFZF
PS-2116	3.000	C	3	BCFJF
PS-2116-SC-SC	3.000	C	3	BLFLF
PS-2117	1.500	E	1	BCFJF
PS-2120	2.500	C	1	BCFJF
PS-2122	1.250	C	1	BCFJF
PS-2122-P66	1.250	C	1	BCFJF
PS-2122V	1.250	C	3	VCFJF
PS-2122V-CMS	1.250	C	1	VCFJF
PS-2123	1.250	C	1	BCFKF
PS-2123-P66	1.250	C	1	BCFKF
PS-2123V-CMS	1.250	C	1	VCFKF
PS-2126	2.125	T	3	BCFJF
PS-2128	1.250	E	3	BCFJF
PS-2129	1.250	E	3	BCFKF
PS-2129V	1.250	E	3	VCFKF
PS-2130	1.750	E	3	BCFJF
PS-2130-CMS	1.750	E	1	BCFJF
PS-2131	.625	A	31	BMFJF
PS-2131V	.625	A	31	VCFJF
PS-2132	2.250	T	3	BCDJF
PS-2133	2.000	C	1	BCFJF
PS-2133-P66	2.000	C	1	BCFJF
PS-2134	1.375	C	1	BCFJF
PS-2134-P66	1.375	C	1	BCFJF
PS-2134V-CMS-P66	1.375	C	1	VCFJF
PS-2135	1.750	C	1	BCFJF
PS-2135-P66	1.750	C	1	BCFJF
PS-2135-SC-SC	1.750	C	1	BLFLF
PS-2135V-CMS	1.750	C	1	VCFJF
PS-2136	.750	A	1	BCFJF
PS-2138	.500	C	Special	BCFGF
PS-2139	2.000	C	1	BCFJF
PS-2140	5.000	K	3	BCFKF
PS-2141	3.000	K	3	BCFKF
PS-2142	1.750	C	1	BCFJF
PS-2142-P66	1.750	C	1	BCFJF
PS-2143	2.000	K	1	BCFJF
PS-2144	1.750	T	3	BCFJF
PS-2145	1.000	C	3	BCFJF
PS-2146	1.875	V	3	BMFJF
PS-2148	2.750	K	3	BCFJF
PS-2149	.625	C	3	BCFKF
PS-2150	1.750	C	3	BCFJF
PS-2151	1.750	C	3	BCFKF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-2151-EPR-P66	1.750	C	3	QCCKF
PS-2151V	1.750	C	3	VCFKF
PS-2151V-TC-SEAT	1.750	C	3	VCFZF
PS-2152V	2.750	C	3	VCFKF
PS-2153	3.000	C	3	BCFJF
PS-2153-CMS	3.000	C	1	BCFJF
PS-2153-SC-SC-CMS	3.000	C	1	BLFLF
PS-2153-TC-CMS	3.000	C	1	BCFZF
PS-2153V-TC-TC	3.000	C	3	VZFZF
PS-2154	2.750	C	3	BCFJF
PS-2154-SC-TC-CMS	2.750	C	1	BLFZF
PS-2154-TC-CMS	2.750	C	1	BCFZF
PS-2154-TC-SC	2.750	C	1	BZFLF
PS-2154-TC-SEAT	2.750	C	3	B/VCFZF
PS-2154V-TC-TC	2.750	C	3	VZFZF
PS-2155	1.062	C	3	BCFKF
PS-2156	1.437	C	3	BCFKF
PS-2156V	1.437	C	3	VCFKF
PS-2157	1.750	U	3	BCF/DKF
PS-2158	2.500	K	1	BCFJF
PS-2158-TC-TC	2.500	K	1	BZFZF
PS-2160	.625	C	1	BCFJF
PS-2160V-CMS	.625	C	1	VCFJF
PS-2161	.625	B	1	BMFJF
PS-2162	1.187	C	1	BCFKF
PS-2163	1.000	C	1	BCFKF
PS-2164	1.000	D	1	BCFJF
PS-2166	.875	C	1	BCFJF
PS-2166-EPR	.875	C	1	QCFJF
PS-2166V	.875	C	1	VCFJF
PS-2167	.875	C	1	BCFJF
PS-2167-EPR-P66	.875	C	1	QCFJF
PS-2167V	.875	C	1	VCFJF
PS-2168	.875	C	3	BCFKF
PS-2168-EPR	.875	C	3	QCCKF
PS-2168V	.875	C	3	VCFKF
PS-2169	.875	C	3	BCFKF
PS-2169V	.875	C	3	VCFKF
PS-2170	1.750	U	3	BCFJF
PS-2172	.625	A	1	BCFJF
PS-2200	1.250	C	3	VCFKF
PS-2201	1.625	C	3	QCCKF
PS-2202	1.625	C	3	BCFJF
PS-2202-CMS	1.625	C	1	BCFJF
PS-2202-P66	1.625	C	3	BCFJF
PS-2202V	1.625	C	3	VCFJF
PS-2203	1.250	C	3	QCCKF
PS-2203-CMS	1.250	C	1	QCCKF
PS-2204	.625	A	1	VCFZF
PS-2205	2.500	E	3	BCFKF
PS-2205-EPR	2.500	E	3	QCCKF
PS-2206	.625	C	3	QCCKF
PS-2207	1.750	C	3	VCFZF
PS-2208	1.250	C	1	BZFZF
PS-2209	1.500	C	1	BZFZF
PS-2210	1.750	C	1	BCFZF
PS-2211	1.250	T	3	BCFJF
PS-2212	1.750	C	1	BCFJF
PS-2212-SC-SC	1.750	C	1	BLFLF
PS-2214	.625	C	1	QCFJF
PS-2215	1.250	C	1	QCFJF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-2216	1.000	C	1	BZFZF
PS-2216V-CMS	1.000	C	1	VZFZF
PS-2217	1.500	C	3	BZFZF
PS-2219	2.000	C	1	BZFZF
PS-2221	1.500	C	3	QCCKF
PS-2223	1.500	C	3	VCFZF
PS-2223-SC-SEAT	1.500	C	3	VCFLF
PS-2224	.875	C	3	QCCKF
PS-2226	1.125	C	3	QCCKF
PS-2227	1.125	C	1	BCFJF
PS-2229V-P66	.750	C	1	VCFKF
PS-2230	1.250	C	3	BCFJF
PS-2230V	1.250	C	3	VCFJF
PS-2231	1.750	EB	3	BCFKF
PS-2231-CMS	1.750	EB	1	BCFKF
PS-2232	1.500	C	1	BCFKF
PS-2234	1.437	E	3	BCFKF
PS-2234V	1.437	E	3	VCFKF
PS-2235	.750	C	3	VCFJF
PS-2235-SC-TC	.750	C	3	VLFZF
PS-2236	.750	C	3	BCFJF
PS-2237	1.875	K	1	BCFJF
PS-2657	1.250	E	3	VCFZF
PS-2658	2.250	EB	3	BCFLF
PS-2659	1.250	D	3	QCFJF
PS-2660	.625	E	1	BCFKF
PS-2700	.500	G	1	BCFJF
PS-2701	.625	D	3	VCFZF
PS-2702	.875	C	3	VCFJF
PS-2703	1.000	D	3	VLFZF
PS-2704	1.375	CB	3	VCFZF
PS-2705	1.500	C	1	BCFJF
PS-2706	1.500	D Special	3	NLFLF
PS-2707	1.562	Special	Special	NCPGF
PS-2708	2.750	C	3	VCFLF
PS-2709	3.000	D	1	BLFLF
PS-2710	3.000	D	3	VZFLF
PS-2711	2.375	R	3	BCFJF
PS-2712	1.750	E	3	VCFJF
PS-2713	.500	Q	8	BCFJF
PS-2714	1.500	C	3	VCFJF
PS-2715	.625	G	1	QCFLF
PS-2717	1.625	E	3	BZFLF
PS-2718	.750	B	8	BMFJF
PS-2719	4.000	D	3	VZFLF
PS-2720	.500	C	3	BCFJF
PS-2723	.787	B	1 Special	BLFLF
PS-2724	.875	D	3	VCFJF
PS-2725	1.000	D	3	VCFJF
PS-2726	.500	B	1 Special	BCFJF
PS-2727	.437	G	1	VCFLF
PS-2728	1.000	D	3	VLELE
PS-2729	1.875	C	3	BLFLF
PS-2730	.500	C	1	QCFLF
PS-2732	.500	Q	8	VCFKF
PS-2733	.750	G	1	QCFJF
PS-2734	.625	B	8	Special
PS-2735	.750	B	3	VCFJF
PS-2736	.984	G	1	BLFLF
PS-2737	1.181	D	1	BCFJF
PS-2738	1.125	E	3	VCFKF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-2739	1.625	D	3	VLFZF
PS-2740	2.500	D	3	VLFZF
PS-2741	5.000	K	3	BCFJF
PS-2742	.625	B	1	BCFJF
PS-2743	.625	C	3	Special
PS-2744	.750	A	3 Special	Special
PS-2745	.750	B	8	BCFJF
PS-2746	.750	C	1	VCFJF
PS-2747	.750	C	1	BCFJF
PS-2748	1.000	C	1	BCFJF
PS-2749	1.625	C	1	VZFLF
PS-2750	.625	C	1	BCFJF
PS-2753	.875	D	3	VLELE
PS-2800	.750	C	1	BCFJF
PS-2801	.787	B	8	BLFLF
PS-2802	.500	C	3	NCFKF
PS-2803	3.250	D	3	VLFZF
PS-2804	.625	B	1	VCFJF
PS-2805	1.000	D	3	VCPLF
PS-2806	1.000	Q	9	BCFJF
PS-2807	.472	G	1	BCFJF
PS-2808	.625	G	1	QLFLF
PS-2810	1.250	K	3	VCFLF
PS-2819	.625	B	11	QLFLF
PS-2820	.750	G	3	BCFJF
PS-3000	.472	G	1	BLFLF
PS-3001	.500	G	3	VCFJF
PS-3002	.500	G	3	VCFJF
PS-3003	.500	G	3	BCFJF
PS-3004	.500	G	1	QCFLF
PS-3005	.625	G	25	VLFLF
PS-3006	.625	G	1	BCFJF
PS-3008	2.375	G	1	BCFJF
PS-3009	.875	G	1	BCFJF
PS-3010	1.000	G	3	BCFLF
PS-3013	1.125	G	25	VCFLF
PS-3014	1.375	G	1	BLFZF
PS-3015	1.375	G	25	VLFLF
PS-3016	1.750	G	1	BLFLF
PS-3018	1.875	G	1	BLFLF
PS-3019	2.000	G	25	QLFLF
PS-3020	2.125	G	3	QCFJF
PS-3021	3.000	G	1	VLFLF
PS-3022	2.375	G	1	BLFZF
PS-3023	1.250	D	1	QCFLF
PS-3024	1.750	E	1	VCFZF
PS-3025	1.625	D	1	QCFLF
PS-3026	1.625	D	3	BCDGF
PS-3027	2.000	C	3	QCFZF
PS-3030	1.625	C	1	QCFJF
PS-3031	1.750	E	1	VLFLF
PS-3032	1.250	D	1	VLFLF
PS-3033	.500	Q	8	BCFKF
PS-3035	2.125	D	1	QCFLF
PS-3037	2.750	E	1	BZFZF
PS-3038	1.375	C	3	QCFZF
PS-3039	1.625	D	3	XLFLF
PS-3040	1.750	K	3	BCFJF
PS-3041	2.250	C	3	BCFKF
PS-3042	1.000	G	3	BCFJF
PS-3043	3.000	C	1	VCFLF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-3044	2.000	U	3	QCFLF
PS-3045	1.250	C	3	BCFZF
PS-3046	1.875	E	3	QCFJF
PS-3047	.625	B	1	BCFJF
PS-3048	.500	B	1	BCFJF
PS-3049	1.875	E	3	QZFLF
PS-3050	3.250	EB	3	BCFJF
PS-3051	2.375	C	3	BCFLF
PS-3052	.500	C	1	QCFJF
PS-3054	1.750	E	3	VCFLF
PS-3056	.750	G	1	VLFLF
PS-3058	1.625	C	1	QCFZF
PS-3059	2.750	E	3	QCFLF
PS-3060	1.125	E	3	VCFJF
PS-3061	.750	A	1	BCFJF
PS-3062	1.250	C	1	QLFLF
PS-3063	1.125	E	3	QCPKF
PS-3064	2.500	E	3	QCFJF
PS-3065	1.000	K	1	VCFRF
PS-3066	2.000	D	1	VLFLF
PS-3067	2.250	E	3	BCFZF
PS-3068	.750	C	3	QLFLF
PS-3070	1.875	DB	3	BCDJF
PS-3071	1.625	R	3	NAFGF
PS-3072	3.250	E	3	VCFKF
PS-3073	2.375	G	1	BCFLF
PS-3074	.750	C	3	VLFLF
PS-3075	2.250	E	3	BZFZF
PS-3076	2.500	E	3	VCFZF
PS-3077	2.250	R	1	BCFJF
PS-3078	1.625	C	3	BCFKF
PS-3079	2.000	E	3	VCFKF
PS-3080	1.437	E	3	BAPKF
PS-3082	.375	C	3	Q/NCFJF
PS-3083	2.000	U	3	VCFLF
PS-3084	1.250	T	3	NAFZF
PS-3085	2.375	E	5	VCFZF
PS-3086	1.375	G	3	QCFLF
PS-3087	1.375	E	3	VCFZF
PS-3088	2.000	EB	3	QCFZF
PS-3091	1.250	D	2	NCPGP
PS-3092	.625	C	1	VLFLF
PS-3093	.590	C	1	BCFJF
PS-3100	1.000	Q	—	NMDKF
PS-3101	1.500	C	3	BLFLF
PS-3102	.625	B	11	BCFJF
PS-3103	.625	B	11	VCFJF
PS-3104	.750	B	3	VLFLF
PS-3105	.750	G	25	VLFLF
PS-3106	.625	B	11	VLFLF
PS-3107	.750	G	3	VCFJF
PS-3108	2.000	E	5	QCFZF
PS-3109	1.125	E	5	QCDZF
PS-3110	.750	C	1	BLFLF
PS-3111	1.625	K	1	VLFLF
PS-3112	.984	C	1	VCFJF
PS-3113	1.625	E	3	XZFLF
PS-3114	1.750	C	1	BZFZF
PS-3114V	1.750	C	1	VZFZF
PS-3115	1.750	T	3	BCFJF
PS-3116	.875	D	3	VCFLF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-3117	1.375	K	1	VCFJF
PS-3118	1.750	C	1	VCFJF
PS-3119	1.250	C	1	VZFLF
PS-3120	1.000	Q	Special	Special
PS-3121	.625	C	1	VCFKF
PS-3122	2.125	E	3	BCFJF
PS-3123	1.750	T	3	VLFVF/VCFLF
PS-3124	.625	B	1	BCFJF
PS-3125	1.750	C	3	BCFJF
PS-3126	1.000	K	1	BCFKF
PS-3127	2.375	C	3	VCFJF
PS-3128	1.500	K	1	BCFJF
PS-3129	1.000	E	3	QCFZF
PS-3130	1.500	K	1	BCFKF
PS-3131	1.250	C	1	QCFLF
PS-3132	.625	D	3	NCFLF
PS-3133	.625	C	3	NCFKF
PS-3134	2.125	E	3	QCFLF
PS-3135	.787	D	1	BCFKF
PS-3136	1.500	D	2	BCDKF
PS-3138	1.625	C	1	BCFKF
PS-3140	.590	C	1	VCFJF
PS-3141	1.500	C	1	VCFKF
PS-3142	2.000	D	3	VZFLF
PS-3143	3.500	E	3	VZFZF
PS-3144	1.625	C	1	VZFZF
PS-3145	1.625	C	1	BZFZF
PS-3146	1.250	C	1	BZFZF
PS-3147	.625	C	3	QCFKF
PS-3148	.625	E	3	BCFJF
PS-3149	.750	C	1	BCFJF
PS-3150	1.260	G	1	VLFLF
PS-3151	1.750	G	1	VLFLF
PS-3152	3.000	C	1	VLFLF
PS-3153	2.000	D	3	BZFZF
PS-3154	3.250	G	1	VLFLF
PS-3155	5.000	K	3	BCFKF
PS-3156	.750	C	1	VLFLF
PS-3157	3.250	U	3	VCFZF
PS-3158	1.771	G	25	VLFLF
PS-3159	.625	B	8	BCFJF
PS-3160	1.500	C	3	QCFZF
PS-3161	1.500	E	3	VCFLF
PS-3162	.750	C	1	QZFLF
PS-3163	1.125	E	5	BCFZF
PS-3164	2.500	E	5	BCFZF
PS-3165	1.500	C	1	VCFJF
PS-3166	1.500	C	1	BZFZF
PS-3167	.984	D	1	VCFZF
PS-3169	1.750	E	3	VCFKF
PS-3170	2.000	G	25	VCFLF
PS-3172	.500	C	3	BCFKF
PS-3173	1.250	C	3	VCFKF
PS-3174	1.500	C	3	BCFKF
PS-3176	.875	C	3	BLFLF
PS-3177	1.750	E	1	BCFKF
PS-3178	1.250	C	1	VCFLF
PS-3179	1.625	C	1	BCFLF
PS-3180	3.250	C	3	VCFJF
PS-3181	3.000	V	3	BCFJF
PS-3182	2.250	C	1	BLFLF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-3183	1.625	E	3	VCFKF
PS-3184	1.250	K	3	BCFJF
PS-3185	1.250	C	1	VCFKF
PS-3186	1.625	D	3	VCFLF
PS-3187	2.375	E	5	QCFZF
PS-3188	2.625	D	3	QCFZF
PS-3189	2.750	D	3	VLFZF
PS-3190	1.875	K	1	BZFZF
PS-3191	.750	C	1	VCFJF
PS-3192	.590	D	1	VCFKF
PS-3193	1.062	D	3	VCDLF
PS-3194	.750	C	1	QLFLF
PS-3196	1.375	K	3	VCFJF
PS-3197	.500	C	3	VCFJF
PS-3198	1.375	V	3	BCFJF
PS-3199	.625	G	1	BLFLF
PS-3200	.625	G	1	VCFJF
PS-3201	.625	C	1	QCFLF
PS-3202	.625	B	1	QCFJF
PS-3203	1.875	T	3	VLFZF/VCFJF
PS-3204	.625	G	1	BCFJF
PS-3205	1.375	E	3	VCFLF
PS-3206	2.500	E	3	VCFLF
PS-3208	.750	C	1	VCFJF
PS-3210	2.250	V	3	BCFKF
PS-3211	1.875	C	1	BCFJF
PS-3212	.625	B	1	VCFJF
PS-3213	1.375	C	3	VCFKF
PS-3214	.750	K	3	VCFJF
PS-3215	1.250	C	25	VLFLF
PS-3216	1.375	D	3 Special	VCFJF
PS-3218	1.375	E	3	BCFJF
PS-3220	1.000	C	3	BCFKF
PS-3222	3.250	D	3	VZFLF
PS-3223	1.625	D	3	BZFZF
PS-3224	1.500	C	1	QCFZF
PS-3225	.500	A	1	BCFJF
PS-3226	.500	C	3	VCFKF
PS-3227	1.750	E	3	VCFJF
PS-3228	.625	A	1	VCFJF
PS-3229	1.250	R	3	VZFLF
PS-3230	1.375	C	1	NCFJF
PS-3232	3.000	C	3	VCFZF
PS-3233	2.375	C	3	VCFJF
PS-3234	1.125	C	1	VZFLF
PS-3235	3.000	C	1	BCFJF
PS-3236	1.750	K	1	BZFZF
PS-3237	3.750	K	3	BLFLF
PS-3238	3.500	U	3	BCFJF
PS-3239	1.125	C	1	VCFZF
PS-3240	1.000	C	3	VCFKF
PS-3241	1.000	D	3	BCFLF
PS-3246	3.250	E	3	BLFZF
PS-3247	2.500	C	3	BLFZF
PS-3248	1.500	C	3	QCFZF
PS-3249	1.500	C	3	NLFLF
PS-3250	1.000	D	3	QCFJF
PS-3251	1.750	E	3	VCFLF
PS-3252	1.500	C	1	VLFLF
PS-3253	4.000	K	3	BCFZF
PS-3254	2.000	K	3	VZFZF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-3255	3.250	T	3	VLFLF
PS-3256	3.250	EB	3	VCFJF
PS-3257	4.000	E	3	BCFJF
PS-3258	3.250	K	3	VCFKF/VZFZF
PS-3260	.875	E	3	NCFLF
PS-3261	2.125	E	3	QCFLF
PS-3262	3.625	E	3	BZFZF
PS-3263	1.125	U	3	VLFLF
PS-3264	1.250	C	1	QZFLF
PS-3265	.625	C	1	QLFLF
PS-3266	1.000	D	3	VCFLF
PS-3267	1.750	D	3	BZFLF
PS-3268	3.250	EB	3	VCFZF
PS-3270	3.149	G	2	VCFLF
PS-3271	1.750	C	1	VLFLF
PS-3272	1.750	C	1	BZFZF
PS-3273	1.000	DB	3	VCFZF
PS-3274	1.250	C	1	QCFLF
PS-3275	3.000	C	3	VCFZF
PS-3276	2.362	G	2	VLFLF
PS-3278	1.692	G	1	VLFLF
PS-3279	1.500	C	3	BCFZF
PS-3282	1.500	E	3	VLFLF
PS-3283	1.750	G	3	BCFLF
PS-3284	1.500	D	1	BCFLF
PS-3286	1.750	C	3	VCFKF
PS-3287	1.187	D	3	BCDKF
PS-3288	1.250	EB	3	VCFZF
PS-3289	2.250	C	3	BLFLF
PS-3291	1.125	E	2	QCFZF
PS-3293	2.000	C	5	QCFZF
PS-3294	1.625	C	1	VLFLF
PS-3295	1.000	G	3	VCFJF
PS-3299	.750	D	3	VCFJF
PS-3300	2.625	E	3	BCFKF
PS-3303	1.500	D	3	XLFLF
PS-3304	2.000	EB	3	BCFJF
PS-3312	1.000	C	1	BCFJF
PS-3313	.750	C	1	BZFZE
PS-3314	3.875	D	3	VCFGP
PS-3319	.625	C	3	QCCKF
PS-3401	1.000	Q	9	NMDKF
PS-3415	.750	C	1	QCJFJ
PS-3440	1.000	C	1	BCFJF
PS-3440V	1.000	C	1	V/BCFJF
PS-3450	.500	G	1	VLFLF
PS-3498	2.500	D	3	VAFLF
PS-3499	3.625	E	3	BCFJF
PS-3501	2.375	EB	3	BCFZF
PS-3505	3.437	U	3	VCPKF
PS-3507	.875	E	3	VZFLF
PS-3511	1.125	T	3	VCFJF
PS-3515	1.250	E	1	QCFLF
PS-3516	2.500	E	3	QCFZF
PS-3518	3.000	K	1	BCFJF
PS-3520	1.750	U	3	QCFZF
PS-3522	2.000	E	3	BCFKF
PS-3523	1.625	C	3	VCFZF
PS-3525	.625	C	3	QCCKF
PS-3528	1.250	E	1	QCFLF
PS-3530	2.250	E	3	B/VZFZF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-3537	2.250	C	1	BCFJF
PS-3537V	2.250	C	1	VCFJF
PS-3538	1.250	C	1	VCFLF
PS-3539	3.000	C	1	VZFZF
PS-3540	1.750	E	3	QZFZF
PS-3541	1.375	T	3	VZFZF
PS-3542	.562	C	3	VCFKF
PS-3543	1.625	C	1	VCFZF
PS-3550	.625	C	1	VRFRF
PS-3553	3.625	T	3	BCFKF
PS-3555	1.250	D	1	QLFLF
PS-3558	1.500	K	3	BCFJF
PS-3559	.750	C	5	Special
PS-3561	.500	C	1	BCFJF
PS-3562	2.062	T	3	BCFKF
PS-3563	.500	C	1	QCFLF
PS-3568	.500	G	1	QLFLF
PS-3576	2.250	E	3	VCFJF
PS-3580	2.000	C	1	QCFZF
PS-3583	.500	C	1	BCFKF
PS-3584	1.375	C	3 Special	VCFGF
PS-3586	.625	G	1	QCJFJ
PS-3587	1.375	CB	3	BCFZF
PS-3589	1.000	E	5	VCFZF
PS-3591	2.000	U	3	QCFZF
PS-3600	3.000	C	3	BCFKF
PS-3606	2.125	C	3	VCFLF
PS-3607	1.250	T	3	NAFGF
PS-3611	1.250	WT	2	TCFOF
PS-3615	1.500	EB	3	VCFZF
PS-3616	1.625	C	1	QCCKF
PS-3619	1.000	C	3	VCFKF
PS-3625	1.000	E	1	VCFZF
PS-3629	1.250	D	3	VLFZF
PS-3637	1.750	E	3	VCFKF
PS-3638	1.250	E	1	VCFZF
PS-3639	2.000	E	3	QCFZF
PS-3642	1.500	D	1	VLFLF
PS-3643	2.250	EB	3	B/VCFKF
PS-3644	2.000	E Special	3	NCPKF
PS-3645	3.625	T	3	BLFZF
PS-3648	1.875	EB	Special	VCFZF
PS-3649	2.000	U	3	XZFLF
PS-3650	1.750	T	3	VLFLF
PS-3651	2.500	C/X	1	BCFJ*
PS-3653	1.125	E	3	NCPGF
PS-3654	.750	C	1	BCFKF
PS-3661	2.750	C	3	VLFZF
PS-3664	1.625	C	1	BZFZF
PS-3667	.625	B	9	BLFLF
PS-3673	1.750	E	3	BCFJF
PS-3674	2.000	C	1	QCCKF
PS-3676	2.000	C	1	BZFZF
PS-3677	.625	D	3	BCDLF
PS-3678	.875	C	3	QCFLF
PS-3684	3.625	T	3	BCFJF
PS-3685	1.250	D	3	VCFKF
PS-3687	1.750	C	3	BZFZF
PS-3688	2.000	C	3	BZFZF
PS-3689	1.375	C	1	QCFZF
PS-3690	1.750	E	5	VCFZF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-3701	3.000	C	3	BLFZF
PS-3702	3.250	C	3	BLFZF
PS-3704	1.500	C	3	VCFZF
PS-3707	.625	C	1	QLFLF
PS-3708	2.000	E	5	BCFZF
PS-3708V	2.000	E	5	VCFZF
PS-3712	1.125	D	3	VCFZF
PS-3713	3.000	D	3	NCPGP
PS-3714	2.125	EB	3	BCFJF
PS-3716	2.000	C	1	VCFLF
PS-3718	1.750	C	3	BCFJF
PS-3718V	1.750	C	3	VCFJF
PS-3719	1.750	C	3	B/VLFZF
PS-3721	2.000	C	3	BLFZF
PS-3723	.625	C	3	QCFLF
PS-3724	1.250	E	3	QCFKF
PS-3726	1.750	E	3	B/VCFJF
PS-3727	2.125	E	3	VLFLF
PS-3728	.984	D	1	VCFJF
PS-3729	.500	X Special	3	BCFKF
PS-3731	1.125	Special	3	BCPKP
PS-3733	.875	C	3	VCFJF
PS-3735	.500	C	3	VCFKF
PS-3736	1.500	C	3	VLFLF
PS-3738	1.250	C	1	BCFLF
PS-3740	.750	G	1	BLFLF
PS-3741	.625	B	1	VLFLF
PS-3745	3.500	D	3	VZFZF
PS-3747	.625	C	1	BCFLF
PS-3749	.875	C	1	BCFJF
PS-3749-SC-SC	.875	C	1	BLFLF
PS-3751	2.437	E	3	VCPKF
PS-3753	1.875	K	1	BL/CFL/JF
PS-3754	1.750	V	3	BCFJF
PS-3755	1.000	C	3	VCFJF
PS-3759	1.250	D	3	BZFZF
PS-3764	2.500	C	1	VCFZF
PS-3765	2.125	K	1	VCFRF
PS-3765-TC-SEAT	2.125	K	1	VCFZF
PS-3769	1.375	EB	3	VCFZF
PS-3770	3.000	E	3	BZFZF
PS-3772	1.625	D	3	VZFZF
PS-3773	2.250	C	1	VZFZF
PS-3776	3.000	D	3	VZFZF
PS-3777	3.000	C	3	VCFLF
PS-3779	3.625	V	3	BCFJF
PS-3783	1.375	E	3	VCFLF
PS-3784	2.250	EB	3	BCFJF
PS-3785	1.000	C	1	VCFJF
PS-3788	.750	G	3	VCFJF
PS-3789	1.750	C	3	VCFGF
PS-3791	.625	C	1	BCFJF
PS-3792	1.375	E	3	VCFJF
PS-3793	3.500	G	3	QCFLF
PS-3799	1.375	EB	3	QCFZF
PS-3800	.500	X	3	VCFKF
PS-3802	3.000	G	3	QCFLF
PS-3803	1.000	E	3	VCFKF
PS-3804	2.500	G	25	QCFLF
PS-3806	2.500	E	3	VCFJF
PS-3807	1.000	C	3	VCFLF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-3809	2.125	D	3	VLFZF
PS-3813	1.500	C	1	VCFJF
PS-3816	.625	A	1	VCFKF
PS-3817	1.125	EB	3	BCFZF
PS-3818	1.875	DB	1	BCDZF
PS-3824	1.000	C	28	BCFKF
PS-3826	.875	C	1	QCFJF
PS-3827	3.250	D	3	BZFZF
PS-3829	1.250	C	1	VRFJF
PS-3831	1.625	C	1	BCFJF
PS-3832	1.625	C	1	QCFLF
PS-3833	1.125	C	2	BCFKF
PS-3836	3.000	U	3	BCFJF
PS-3840	.750	C	1	BCFJF
PS-3841	2.750	C	3	BCFLF
PS-3843	.500	C	1	VCFJF
PS-3844	.500	C	1	BCFJF
PS-3845	.625	B	8	BMFJF
PS-3848	1.437	E	3	BCPKF
PS-3853	1.625	E	1	VLFLF
PS-3854	1.375	Q	9	BMPAP
PS-3855	.750	D	3	VLFLF
PS-3856	1.125	D	3	VLFLF
PS-3857	1.750	C	1	QLFZF
PS-3862	3.500	X	3	VCFKF
PS-3863	1.250	E	3	QCFZF
PS-3864	.625	A	1	VCFJF
PS-3865R	.625	B	1	VCFJF
PS-3866	.625	G	1	VCFJF
PS-3867	.625	G	1	VCFJF
PS-3868	.750	G	1	VCFJF
PS-3869	.625	G	31	VCFJF
PS-3870	.750	G	1	VCFJF
PS-3872	1.250	E	1	QCFKF
PS-3874	1.000	G	1	VCFJF
PS-3875	2.000	C	3	BCFKF
PS-3877	2.500	C	3	VLFLF
PS-3878	1.375	E	3	VCFJF
PS-3879	2.125	T	3	BCFJF
PS-3880	1.500	CB	3	BCFJF
PS-3882	.750	B	1	VCFJF
PS-3883	1.250	G	1	BCFJF
PS-3884	1.750	U	1	VCFZF
PS-3885	.625	K	1	VCFJF
PS-3886	1.250	C	1	VCFJF
PS-3888	2.500	D	3	VZFZF
PS-3890	.625	G	1	BCFJF
PS-3892	1.250	C	1	VRFLF
PS-3893	.875	C	3 Special	VCFGF
PS-3894	.750	C	1	QCFLF
PS-3896	.500	E	Special	VCPKP
PS-3897	2.125	E	3	VCFJF
PS-3900	.984	D	1	BCFKF
PS-3901	1.375	E	3	VCFJF
PS-3902	1.750	E	3	VCFJF
PS-3906	.625	C	1	BCFJF
PS-3907	.875	C	1	BCFJF
PS-3910	.625	G	1	BLFLF
PS-3911	.875	C	1	BLFLF
PS-3913	.500	C	1	BCFJF
PS-3914	.625	C	3	BCFJF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-3916	.750	C	3	BCFJF
PS-3918	1.125	D	1	VCFKF
PS-3922	.750	C	1	BLFLF
PS-3924	2.500	E	3	BCPKF
PS-3925	1.375	E	3	VCFJF
PS-3926	.625	B	9	VCFKF
PS-3929	1.875	E	3	VCFJF
PS-3931	1.625	E	2	BCDKF
PS-3932	1.375	D	1	BCDZF
PS-3933	1.250	C	1	BCEJE
PS-3934	1.250	D	3	NCPKF
PS-3935	.750	W	2	TCFKF
PS-3936	2.375	EB	3	BCFKF
PS-3936V	2.375	EB	3	VCFKF
PS-3936V-TC-SEAT	2.375	EB	3	VCFZF
PS-3937	.750	G	1	BLFLF
PS-3938	1.181	D	1	VCFZF
PS-3939	1.625	C	3 Special	VCFKF
PS-3940	1.250	C	3	VRFLF
PS-3941	.875	C	1	VLFLF
PS-3943	1.500	C	3 Special	VCFGF
PS-3944	.875	C	1	BCFKF
PS-3945	1.250	C	3 Special	VCFGF
PS-3951	2.250	E	27	VCFKF
PS-3952	2.000	E Special	3	NCDKF
PS-3954	1.375	EB	1	BCFKF
PS-3955	2.250	C	27 Special	VCFGF
PS-3959	1.000	K	1	VCFJF
PS-3960	.625	G	1	BCFJF
PS-3962	.625	W Special	2	TCFJF
PS-3963	1.750	C	3	BLFZF
PS-3964	1.875	T	3	BCFJF
PS-3965	1.125	C	1	QCFLF
PS-3966	2.250	C	3	BLFZF
PS-3967	1.625	C	1	BCFLF
PS-3969	3.000	E	3	BCFJF
PS-3970	.875	C	1	BCFZF
PS-3972	1.500	K	3	VLFLF
PS-3973	1.250	U	2	BCPKF
PS-3974	1.375	DB	1	BCFJF
PS-3974V	1.375	DB	1	VCFJF
PS-3976	1.000	E	3	VCFJF
PS-3977	.625	A	1	VLFLF
PS-3979	1.500	C	Special	BCFKF
PS-3981	.625	C	3	QCFLF
PS-3982	1.750	E	3	VLFLF
PS-3984	1.375	E	3	VCFLF
PS-3985	.750	B	1	BCFJF
PS-3986	.750	B	1	VCFJF
PS-3988	1.625	R	3	NCFGF
PS-3991	1.375	EB	3	BCFKF
PS-3992	1.500	G	1	VCFJF
PS-3993	2.000	C	3	BCFJF
PS-3994	2.750	C	3	BCFJF
PS-3996	.875	C	1	VCFLF
PS-3999	2.000	U	3	VCFZF
PS-4000	.472	G	1	QCFLF
PS-4006	2.375	E	5	BCFZF
PS-4014	3.750	D	3	BLFZF
PS-4015	2.000	C	3	BCFKF
PS-4017	.875	C	3	VCFKF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-4019	3.500	E	3	BCFJF
PS-4020	.750	G	1	BCFJF
PS-4024	.750	G	1	QLFLF
PS-4026	1.750	D	3	NCFKF
PS-4027	.625	A	1	QCJFJ
PS-4028	2.875	K	3 Special	NCFGF
PS-4029	1.250	C	1	QCFZF
PS-4031	.625	C	1	VCFLF
PS-4033	3.000	D	3	VZFLF
PS-4034	1.500	E	3	BCFZF
PS-4035	1.750	C/X Special	1	BCFJF
PS-4037	1.125	C	3	VLFLF
PS-4038	.500	Q	9	BMFJF
PS-4040	1.250	C	1	VLFZF
PS-4041	2.250	Q	1	VMPSP
PS-4042	.787	C	1	BCFJF
PS-4043	3.625	E	3	BCFJF
PS-4044	1.375	C	1	BCFJF
PS-4045	.500	C	3	B/VCFJF
PS-4046	1.875	T	25	BCFJF
PS-4047	1.125	C	1	VCFKF
PS-4048	.750	B	9	BLFLF
PS-4049	1.250	E	3	VCFLF
PS-4052	2.000	Special	Special	BCFAF
PS-4053	1.250	C	1	QLFLF
PS-4055	.312	A	1	BCFJF
PS-4056	.750	B	1	QCJFJ
PS-4057	1.375	C	3	QCCKF
PS-4059	.625	G	3	VCFLF
PS-4060	.437	G	1	BCFJF
PS-4063	.437	G	1	VCFJF
PS-4064	.500	Special	Special	BMFJF
PS-4065	.625	Special	Special	BMFJF
PS-4066	.750	Special	Special	BLFLF
PS-4067	1.437	E	3	VCPKF
PS-4068	1.625	C	3	QCZFZ
PS-4069	3.000	V	3	BCFZF
PS-4070	2.250	D	3	VAFLF
PS-4071	1.250	D	3	VCFLF
PS-4072	2.500	T	3	BCFJF
PS-4073	1.250	D	3	VCFLF
PS-4079	2.125	D	3	VCFLF
PS-4081	1.000	C	1	BCFJF
PS-4082	3.000	E	3	BCFJF
PS-4086	3.000	C	1	VCFJF
PS-4088	1.500	EB	3	QCJFJ
PS-4089	2.750	E	3	VCFLF
PS-4091	1.250	D	3	VLFLF
PS-4093	.750	E	3	QCCKF
PS-4094	1.687	E	1	BCFJF
PS-4095	1.000	C	1	VCFJF
PS-4096	1.750	EB	3	VCFLF
PS-4097	1.750	EB	3	BCFKF
PS-4098	.750	D	1	QCDJF
PS-4099	1.625	E	1	BLFLF
PS-4101	1.250	C	1	VLFLF
PS-4102	2.000	EB	3	VCFZF
PS-4105	2.250	EB	3	VCFJF
PS-4106	.750	B	1	VCFJF
PS-4107	1.875	D	3	BCFLF
PS-4108	2.375	EB	3	VCFLF



# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-4109	2.500	T	3	VZFLF
PS-4113	3.500	T	3	BCFKF
PS-4114	.625	B	8	VCFFF
PS-4115	1.750	E	1	VLFLF
PS-4117	1.375	D	1	BCFZF
PS-4119	1.375	CB	3	VCFKF
PS-4120	2.000	C	1	VCFKF
PS-4121	.750	C	3	NCFKF
PS-4123	1.375	D	3	VCP/FKF
PS-4127	3.250	C	3	BCFJF
PS-4129	1.000	K	1	BLFLF
PS-4131	1.250	C	1	VCFJF
PS-4133	1.750	Q	Special	Special
PS-4134	1.375	X Special	Special	B/NCPGF
PS-4136	1.750	E	3	VCFJF
PS-4137	1.000	D	3	VCPKF
PS-4139	1.750	E	3	VCFKF
PS-4140	1.437	E	3	VCFLF
PS-4141	1.750	E	3	QCFZF
PS-4142	3.750	E	3	VCFLF
PS-4144	.750	T	3	VLFLF
PS-4145	1.375	EB	3	BCFZF
PS-4146	2.125	EB	5	BCFZF
PS-4147	3.000	E	3	BCFJF
PS-4149	1.750	E	3	VCFZF
PS-4150	1.250	C	1	VLFLF
PS-4152	1.250	C	3	BCFGF
PS-4153	1.750	C	1	VCFJF
PS-4154	2.000	D	3	VCFKF
PS-4155	.625	G	1	VLFLF
PS-4156	1.250	C	1	QLFLF
PS-4159	1.625	EB	3	VCFJF
PS-4162	2.375	E	3	QLFLF
PS-4164	3.500	C	3	QCFZF
PS-4166	1.875	E	3	VZFZF
PS-4167	1.500	E	3	QCFZF
PS-4168	3.500	T	3	BCFJF
PS-4170	1.375	EB	3	BCFKF
PS-4171	1.500	C	1	QCFJF
PS-4172	3.000	E	3	VCFKF
PS-4174	3.250	U	3	BZFZF
PS-4175	3.250	D	3	BCFKF
PS-4176	1.250	C	1	VCFZF
PS-4177	1.125	K	1	VL/CFL/JF
PS-4178	2.000	C	3	VLFLF
PS-4179	1.250	K	1	VLFLF
PS-4180	.500	G	1	BCFJF
PS-4186	1.750	E	3	XCFLF
PS-4187	1.750	E	1	QCFJF
PS-4189	1.437	E	3	BCPKF
PS-4189V	1.437	E	3	VCPKF
PS-4192	3.250	U	3	BCFJF
PS-4193	1.875	E	3	VCFZF
PS-4194	1.375	D	1	VLFLF
PS-4195	1.000	G	1	VCFJF
PS-4196	3.000	K	3	BZFZF
PS-4197	1.250	T	3	NCFGF
PS-4199	4.750	D	3	BCFJF
PS-4200	1.375	DB	1	BCFZF
PS-4201	1.500	E	3	VCFZF
PS-4204	1.250	C	1	QRFLF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-4205	1.750	C	1	VLFLF
PS-4206	1.375	T	3	VCFJF
PS-4208	2.000	T	3	VZFZF
PS-4209	5.000	E	3	BCFJF
PS-4210	1.000	T	3	QLFLF
PS-4211	1.250	C	1	BRFLF
PS-4212	1.500	C	3	VCFJF
PS-4214	.500	C	1	BCFJF
PS-4216	1.750	G	1	BLFZF
PS-4217	1.875	K	1	BZ/CFZ/JF
PS-4219	1.875	C	3	VCFKF
PS-4220	.625	G	1	VCFJF
PS-4221	1.750	EB	3	VCFJF
PS-4222	.625	C	1	QCFLF
PS-4225	.472	G	1	QCFLF
PS-4226	.625	C	1	VLFLF
PS-4228	1.750	E	3	VCFZF
PS-4229	.750	C	3	QCFJF
PS-4231	.625	G	1	VCFJF
PS-4232	1.750	E	3	VCFKF
PS-4233	1.750	E	3	BCFZF
PS-4235	2.000	C	3	BCFLF
PS-4236	3.500	R	3	BCFJF
PS-4237	.625	Q	8	VCFJF
PS-4238	1.375	C	1	BLFLF
PS-4239	2.000	C	3	BCFJF
PS-4240	.625	A	1	BCFJF
PS-4243	2.125	E	3	BCFKF
PS-4246	1.250	D	3	BCDLF
PS-4247	1.250	C	1	BRFJF
PS-4248V	.625	B	8	VLFSF
PS-4253	1.000	DB	3	VCFKF
PS-4254	1.000	C	1	VCFJF
PS-4255	1.000	DB	3	VCFZF
PS-4258	2.000	U	3	BZFLF
PS-4261	1.750	E	3	VCFJF
PS-4262	1.125	E	3	B/VCFKF
PS-4263	1.750	T	3	VCFJF
PS-4265	.750	G	1	BCFJF
PS-4267	.625	G	1	BCFJF
PS-4269	1.625	EB	3	VCFZF
PS-4270	1.875	E	3	BLFLF
PS-4271	1.125	D	1	NCFJF
PS-4272	.625	C	1	BCFJF
PS-4272V	.625	C	1	VCFJF
PS-4273	.787	G	1	VCFJF
PS-4274	.750	G	32	BCFJF
PS-4275	.625	G	31	BCFJF
PS-4276	2.125	C	3	VCFKF
PS-4277	1.375	E	3	VLFLF
PS-4278	3.750	E	3	BCFJF
PS-4280	.625	G	1	VCFJF
PS-4282	1.250	K	1	BL/CFL/JF
PS-4283	.750	C	3	QCFLF
PS-4284	.625	A	1	VCFLF
PS-4285	.750	C	3	VCFKF
PS-4287	2.000	C	3	QCFJF
PS-4288	1.625	C	3	QCFZF
PS-4289	1.000	DB	3	VCFKF
PS-4290	1.750	E	3	QCFLF
PS-4291	2.000	EB	3	BCFZF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-4292	.562	C	3	BCFKF
PS-4294	2.000	K	1	BL/CFZ/CF
PS-4295	1.125	C	1	VCEZE
PS-4296	2.875	V	3	VCFJF/VCFJF
PS-4297	1.000	D	1	VLZFF
PS-4298	1.187	D	3	NCPKP
PS-4300	1.125	E	3	VCFLF
PS-4301	1.000	K	1	BLFLF/BCFJF
PS-4302	1.125	C	1	BCFJF
PS-4304	1.750	K	1	VZFZF
PS-4305	1.250	K	1	BLFLF
PS-4306	1.250	E	3	QCFLF
PS-4307	.875	D	3	BCDZF
PS-4308	2.750	C	1	BZFZF
PS-4310	.625	C	25	VLFLF
PS-4311	2.500	K	1	BLFLF
PS-4312	2.000	E	3	BCFKF
PS-4313	.625	C	3 Special	VCFGF
PS-4314	2.125	C	3	QCFZF
PS-4315	1.750	E	3	NCFKF
PS-4317	1.500	EB	3	BCFKF
PS-4318	.875	D	1	NCFLF
PS-4320	.625	C	3	QCFJF
PS-4321	1.250	C	3	XLFLF
PS-4323	.750	C	3	BCFJF
PS-4324	3.000	D	3	VCDGF
PS-4325	2.375	C	3	VCFLF
PS-4326	1.750	E	3	VCFJF
PS-4327	1.750	E	1	BCFLF
PS-4328	1.375	C	3	QLFLF
PS-4330	.750	C	1	BCFKF
PS-4332	1.250	C	1	QCFLF
PS-4333	1.875	D	3	BCFJF
PS-4336	1.250	C	3	QCFLF
PS-4341	2.875	E	5	BCFZF
PS-4343	2.000	K	3	BZ/CFZ/JF
PS-4345	2.000	C	3	BCFJF
PS-4346	.625	C	3	VCFJF
PS-4349	.500	G	1	QLFLF
PS-4350	1.000	C	3	QCFZF
PS-4352	3.000	C	3	BLFZF
PS-4353	1.750	K	3	BCFJF
PS-4354	1.500	E	1	BZFZF
PS-4355	.625	A	1	BLFZF
PS-4356	.625	C	1	QCCKF
PS-4357	2.000	G	25	QCFLF
PS-4358	.625	C	3	QCFLF
PS-4360	.500	B	8	BLFLF
PS-4361	1.625	D	1	BLFZF
PS-4362	1.000	K	3	BCFKF
PS-4363	1.500	D	3	BCFGF
PS-4365	1.500	D	3	XLZFF
PS-4366	2.750	C	3	BLFZF
PS-4367	3.000	C	3	BCFKF
PS-4368	1.500	E	5	QCFZF
PS-4371	.625	A	1	VCFJF
PS-4372	1.750	E	5	QCFZF
PS-4374	1.625	EB	3	BCFJF
PS-4375	.625	D	3	VCFZF
PS-4376	2.000	E	3	QCFJF
PS-4377	1.250	T	3	BCKFK

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-4378	3.000	C	1	VLZFF
PS-4379	1.000	C	1	QCFZF
PS-4380	2.250	EB	3	VCFLF
PS-4381	2.750	C	1	VZFZF
PS-4384	1.375	E	3	XLFLF
PS-4388	2.125	T	3	BLFZF
PS-4389	1.625	C	1	BCFLF
PS-4390	.625	G	1	VLFLF
PS-4391	2.000	U	3	VLFLF
PS-4392	2.625	E	3	QCFLF
PS-4393	3.250	UB	5	BCFZF
PS-4394	1.000	D	3	VLZFF
PS-4395	.875	C	1	BCELE
PS-4396	1.250	E	3	VCCKF
PS-4399	1.750	D	3	XCFJF
PS-4400	1.437	R	3	VCKFK
PS-4402	.625	C	3	VCFZF
PS-4403	.625	B	Special	BMFSF
PS-4405	1.750	T	3	VCFLF/VCFJF
PS-4407	1.500	E	1	QLFLF
PS-4409	2.250	E	3	QCFLF
PS-4410	1.750	C	1	BZFZF
PS-4411	2.500	E	1	BLFZF
PS-4412	1.000	E	3	VCFZF
PS-4414	5.000	V	3	BCFKF
PS-4416	2.000	C	3	BCFJF
PS-4417	1.875	EB	3	VCFJF
PS-4418	2.125	EB	3	VCFJF
PS-4419	2.000	EB	3	VCFJF
PS-4420	1.375	EB	3	VCKFK
PS-4421	1.125	E	3	QCFJF
PS-4423	1.500	D Special	3	XLFLF
PS-4424	.625	A	1	VCFJF
PS-4425	1.125	G	1	BLFLF
PS-4426	1.875	K	1	BZ/CFL/JF
PS-4428	1.250	E	1	BCFZF
PS-4429	1.750	E	5	BCFZF
PS-4430	5.000	C	3	VCFJF
PS-4431	1.250	D	3	VLFLF
PS-4432	2.000	E	3	BLFLF
PS-4433	1.375	E	3	XZFLLF
PS-4434	2.125	E	3	VLZFF
PS-4435	1.625	D	28	BCFKF
PS-4436	2.125	C	1	VCFJF
PS-4437	2.125	D	2	BCDKF
PS-4438	1.500	C	3	QCZFZ
PS-4442	.625	C	3	VCKFK
PS-4443	1.125	C	1	BCFLF
PS-4446	2.750	E	3	VZFZF
PS-4447	1.500	C	3	VLZFF
PS-4451	.500	E	Special	QCCKF
PS-4452	1.375	E	3	VCFZF
PS-4453	1.000	D	1	VCFJF
PS-4454	1.125	C	3	VZFZF
PS-4455	1.437	D	3	VCKFK
PS-4456	1.375	T	1	VCFJF
PS-4458	.625	C	1	VCFJF
PS-4459	1.500	E	3	QLFLF
PS-4460	1.250	C	3	XLZFF
PS-4461	1.750	C	1	VZFLLF
PS-4462	.625	A	1	BMFJF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-4463	1.250	C	1	BCFJF
PS-4464	1.250	C	1	QCCKF
PS-4465	.750	C	3	VCFJF
PS-4466	2.500	E	3	VZFLF
PS-4467	1.875	V	3	BCFJF
PS-4468	2.000	U	3	VCFLF
PS-4471	1.625	E	3	VCFLF
PS-4472	2.625	E	3	VLFZF
PS-4473	1.500	EB	3	BCFJF
PS-4474	2.000	U	3	BCFJF
PS-4475	3.250	U	3	QCFJF
PS-4476	1.500	EB	3	VCFJF
PS-4477	1.875	E	3	XCFZF
PS-4478	2.000	K	1	BCFJF
PS-4479	.625	B	9	QCFJF
PS-4481	3.000	C	3	VZCFZ
PS-4482	1.500	C	1	VCCKF
PS-4483	3.250	U	3	VCCKF
PS-4484	.750	E	1	QCCKF
PS-4485	2.625	EB	3	BLFZF
PS-4486	1.875	DB	3	BCFJF
PS-4487	1.750	D	1	VLFLF
PS-4488	1.750	UB	3	BCFZF
PS-4489	.750	A	1	BMFJF
PS-4490	2.500	G	25	QLFLF
PS-4491	1.750	DB	3	BCFZF
PS-4492	2.375	E	3	VLFLF
PS-4495	.625	C	1	BLFLF
PS-4504	2.750	K	3	BCFJF
PS-4505	1.125	C	3	VCFLF
PS-4506	.937	E	3	QCFLF
PS-4508	2.125	C	3	BCFJF
PS-4509	1.750	E	3	VZCFZ
PS-4512	1.750	E	3	QCFLF
PS-4513	.875	C	3	VCFZF
PS-4515	1.375	T	3	VCFJF
PS-4517	.984	D	1	BCFJF
PS-4518	.750	E	1	BCFJF
PS-4520	.750	B	3	VCFJF
PS-4521	1.875	T	3	VCCKF
PS-4523	2.500	V	3	BCFJF
PS-4525	1.625	C	1	BCFJF
PS-4529	4.500	E	3	BCFJF
PS-4531	.750	C	1	QCFZF
PS-4532	2.500	D Special	3 Special	VCFZF
PS-4533	1.187	D	3	BCCKF
PS-4534	1.250	C	3	QZCFZ
PS-4535	1.750	E	3	BCCKF
PS-4537	1.250	C	1	BZCFZ
PS-4538	1.250	E	1	VLFLF
PS-4539	1.750	K	1	VLFLF
PS-4544	2.750	E	3	VLFLF
PS-4545	1.625	EB	5	BCFZF
PS-4546	1.500	D	3	B/VCCKP
PS-4547	3.625	R	3	NCFKP
PS-4549	2.250	E	3	BZCFZ
PS-4552	1.375	E	1	VZCFZ
PS-4554	2.625	EB	5	BCFZF
PS-4557	.625	B	1	BMFJF
PS-4558	.500	G	1	VCFJF
PS-4559	1.250	C	3	QCFZF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-4560	.625	B	1	BCFJF
PS-4563	1.875	DB	3	VCFZF
PS-4564	2.750	T	3	BZCFZ
PS-4565	1.125	E	3	QCFZF
PS-4566	1.375	E	3	QCFJF
PS-4570	2.125	C	3	VZFLF
PS-4572	1.625	K	1	VL/CFL/JF
PS-4574	1.375	E	3	VCFZF
PS-4575	1.375	C	1	VZFLF
PS-4577	.625	G	1	QCFJF
PS-4579	1.000	DB	3	NCPLF
PS-4580	2.500	T	1	VZFLF
PS-4583	2.750	E	3	VCFJF
PS-4584	2.125	U	3	VCF/EJE
PS-4585	3.250	K	3	BCFLF
PS-4586	1.750	E	3	VCFLF
PS-4587	.625	B	8	Special
PS-4588	.500	X Special	1	VCFLF
PS-4590	1.000	K	3	BLFLF
PS-4591	.984	C	3 Special	VCFLF
PS-4592	1.875	U	5	BCFZF
PS-4595	1.250	C	1	BLFLF
PS-4596	1.750	C	3	QLFLF
PS-4597	1.625	C	1	BCFJF
PS-4600	2.000	E	3	BZCFZ
PS-4601	1.000	D	3	QCCKF
PS-4603	.625	C	1	VCFJF
PS-4653	1.625	EB	3	VCFJF
PS-4788	2.750	E	3	BZFLF
PS-4881	3.500	E	3	BCCKF
PS-4882	1.000	E	3	BCFJF
PS-4884	1.750	C	3	VCFJF
PS-4885	1.875	C	1	QCFJF
PS-5002	1.687	D	2	BCFGF
PS-5003	1.375	C	2	NCFKF
PS-5005	2.187	D	2	BCCKF
PS-5011	1.875	C	Plate	BCFGF
PS-5019	2.165	C	2	VCCKF
PS-5024	2.187	D	2	VCCKF
PS-5039	1.000	C	1	BCFJF
PS-5074	1.375	C	3	BCCKF
PS-5076	2.250	C	3 Special	VCCKF
PS-5082	1.000	C	2	BCCKF
PS-5087	1.875	T	3	BZCFZ
PS-5108	.750	C	2	VCCKF
PS-5194	1.687	D	2	VCCKF
PS-5200	1.250	E	1	BCFJF
PS-5224	2.000	C	1	BCFJF
PS-5235	1.000	A	1	BCFJF
PS-5252	3.000	E	3	BCCKF
PS-5259	1.500	E	3	QCCKF
PS-5342	1.875	C	2	BCFJF
PS-5358	2.250	D	3	Special
PS-5366	1.250	E	1	BCCKF
PS-5389	1.750	C	3	BCFJF
PS-5389-CMS	1.750	C	1	BCFJF
PS-5625	.625	Special	1	QC-J-
PS-5654	1.692	C	2	VCCKF
PS-5674	1.250	C	1	VCFJF
PS-5676	1.375	C	2	B/VCFJF
PS-5676V	1.375	C	2	VCFJF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-5679	1.875	C	2	QCJF
PS-5706	2.125	C	2	VCFKF
PS-5711	1.375	C	2	B/VCFKF
PS-5712	1.875	C	2	B/VCFKF
PS-5717	1.875	C	2	VCFJF
PS-5720	1.500	C	2	BCFKF
PS-5721	1.875	C	Plate	VCFGF
PS-5723	.984	C	1	QCFLF
PS-5727	1.500	C	3	VRFRF
PS-5728	.750	C	3	VLFLF
PS-5729	.984	C	2	VCFJF
PS-5735	2.362	G	1	VCFLF
PS-5737	2.875	EB	3	BCFJF
PS-6002	2.625	D	3	VCFKF
PS-6005	1.625	C	3	VCFKF
PS-6006	.750	D	3	BCDLF
PS-6007	2.000	E Special	Plate	NCPGP
PS-6008	1.625	X Special	25 Special	BCPGF
PS-6019	1.000	D	3	NCPGF
PS-6036	1.250	D	2	VCPFP
PS-6048	1.375	D	3	VCPSP
PS-6055	1.437	E	28	VCPGP
PS-6056	1.437	X	27 Special	VCFSF
PS-6058	1.500	E	Plate	NCPGP
PS-6075	1.625	D	3	VCPSP
PS-6090	1.750	E	3	B/VCFKF
PS-6094	1.875	D	3	VCPSP
PS-6097	1.875	X Special	3 Special	NCFZF
PS-6098	1.875	C	3 Special	VCFKP
PS-6115	2.000	D	Plate	NCPGP
PS-6120	2.125	K	3 Special	VCFZF
PS-6121	2.125	K	3 Special	VCFZ/KF
PS-6138	2.500	C	3 Special	VCFKF
PS-6140	2.500	K	3 Special	VCFZF
PS-6141	2.500	K	3 Special	VCFKF
PS-6146	2.500	R	3	NCPGP
PS-6154	2.750	C	27	VCFGF
PS-6155	2.750	C	3	VCFKF
PS-6169	3.000	K	3 Special	NCFKF
PS-6170	3.000	K	3 Special	VCFZF
PS-6171	3.000	K	3 Special	VCFKF
PS-6172	3.000	C	3 Special	VCFKF
PS-6173	3.000	C	3 Special	VCFKF
PS-6174	3.000	E	3	VCDGP
PS-6175	3.000	R	3	NCPGP
PS-6177	3.375	C	3	VCFKF
PS-6179	3.375	X	3 Special	VCFKF
PS-6180	1.375	C	3	VCFGF
PS-6201	3.250	D	3	VCFJF
PS-6202	3.000	D	1	BZFZF
PS-6203	3.750	D	3	VCFJF
PS-6204	3.500	C	3	BCFJF
PS-6205	2.750	C	1	BCFJF
PS-6206V	3.000	C	3	VCFJF
PS-6207	2.750	C	3	VCFJF
PS-6213	2.000	C	1	VZFZF
PS-6214	3.000	C	1	VZFZF
PS-6216	.625	C	1	VZFZF
PS-6217	1.750	D	1	VZFLF
PS-6218	2.000	C	1	VZFZF
PS-6219	3.000	D	3	BZFLF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-6221	3.500	D	3	V/BZFZF
PS-6224	2.000	C	1	VLFLF
PS-6225	3.000	C	3	VLFLF
PS-6226	3.250	C	3	VLFLF
PS-6227	3.250	K	3	VCFJF
PS-6228	3.000	K	3	VCFJF
PS-6229	1.250	K	3	BCFJF
PS-6230	5.625	D	3	VCFJF
PS-6232	3.000	D	3	VZFLF
PS-6233	2.250	C	3	VCFLF
PS-6234	.625	C	1	BCFJF
PS-6237	3.625	T	3	BCFZF
PS-6238	2.000	C	3	BLFLF
PS-6239	2.750	C	3	BLFLF
PS-6240	3.000	C	3	BLFLF
PS-6241	1.750	C	3	BLFLF
PS-6242	1.750	T	3	VCFJF
PS-6243	2.500	T	3	VLZFZ
PS-6244	2.500	T	3	VCFJF
PS-6245	3.500	C	3	BCFKF
PS-6246	1.750	K	1	BCFJF
PS-6247V	2.000	C	3	VCFKF
PS-6248	2.250	C	3	VCFKF
PS-6249	3.000	C	3	BZFZF
PS-6249-SC-TC	3.000	C	3	BLZFZ
PS-6250	3.000	C	3	VCFKF
PS-6253	3.250	C	3	VCFJF
PS-6254	2.500	E	3	BCFJF
PS-6258	3.250	C	3	BCFKF
PS-6259	1.250	G	1	VCFJF
PS-6260	1.250	G	1	QCZFZ
PS-6261	1.250	G	1	QCJFJ
PS-6262	1.625	G	1	QCJFJ
PS-6263	1.625	G	1	QCZFZ
PS-6264	1.250	G	1	VCFJF
PS-6265	1.250	G	1	VLFLF
PS-6266	1.250	G	3	BCFLF
PS-6267	.625	G	1	QLFLF
PS-6301	2.250	Q	3	NMPAP
PS-6302	2.250	Q	1	BMPAP
PS-6305	1.000	Q	2	BMDAF
PS-6308	.687	Q	9	Special
PS-6311	1.625	Q	Special	N/BMDAF
PS-6312	1.000	Q	Special	BMPAP
PS-6313	.500	Q	1	BCFJF
PS-6317	1.375	Q	9	VMPSP
PS-6318	1.125	Q	9	VMFAF
PS-6321	.500	C	3	BCFKF
PS-6328	1.000	D	3	BCPKF
PS-6329	1.000	D	3	NCPKF
PS-6331	1.000	E	3	BCPKF
PS-6334	1.125	E	3	VCPKF
PS-6337	1.250	D	3	BCPKF
PS-6338	1.437	E	3	VCPKF
PS-6339	1.250	D	3	BCPKF
PS-6340	1.437	E	3	BCPKF
PS-6342	1.437	E	3	VCPKF
PS-6344	1.437	E	3	NCPKF
PS-6348	1.625	E	3	BCPKF
PS-6349	1.625	E	3	VCPKF
PS-6600	2.750	E	3	VCFJF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-6601	2.750	E	3	VCFLF
PS-6802	1.250	E	1	BCFJF
PS-6812	1.187	C	1	BCFJF
PS-6908	2.750	C	1	BZFZF
PS-6912	2.125	E	3	BCEJE
PS-6916	1.771	G	1	VLFLF
PS-6997	2.500	K	3	NCFKF
PS-7017	1.625	C	3	QCFKF
PS-7020	1.875	E	3	VCFJF
PS-7035	1.750	C	3	QCFZF
PS-7060	2.250	K	3	BCFKF
PS-7064	2.250	C	1	BZFZF
PS-7079	1.500	D	28	VZFFZ
PS-7087	.750	D	3	BCPKF
PS-7090	1.750	U	3	BCFKF
PS-7103	1.375	WT	27	TCFJF
PS-7105	1.437	C	3	BCFKF
PS-7105V	1.437	C	3	VCFKF
PS-7130	.875	C	1	BCFJF
PS-7131	1.500	C	3	BZFZF
PS-7138	2.250	C	1	BCFJF
PS-7138-TC-TC	2.250	C	1	BZFZF
PS-7138V-SC-TC-CMS	2.250	C	1	VLFZF
PS-7166	1.500	C	3	BCFJF
PS-7172	3.250	D	3	BCFJF
PS-7196	2.000	K	3	BCFJF
PS-7196V	2.000	K	3	VCFJF
PS-7199	1.375	C	1	BCFJF
PS-7201	1.500	C	1	BCFJF
PS-7207	1.000	C	3	VCFKF
PS-7215	3.000	V	3	BCFJF
PS-7232	1.125	W	2	TCFKF
PS-7244	3.250	K	3	BCFKF
PS-7245	1.250	D	3	XCPGP
PS-7250	.625	WA	Special	TCFJF
PS-7252	1.750	E	1	BCFJF
PS-7277	.750	C	1	BCFJF
PS-7305	.750	C	1	VLFLF
PS-7309	2.000	C	3	QCFZF
PS-7323	1.250	K	1	BZ/CFZ/JF
PS-7325	1.125	C	1	QCFZF
PS-7343	1.250	C	3	BCFJF
PS-7352	1.875	K	1	BCFKF
PS-7363	1.750	E	3	QCFZF
PS-7367	1.437	C	Special	VCFGF
PS-7400	2.000	U	3	BCFJF
PS-7409	1.500	C	1	VCFJF
PS-7413	1.500	C	1	QCFKF
PS-7431	2.250	K	1	BCFJF
PS-7434	1.000	C	1	BCFJF
PS-7436	1.250	C	3	QCFZF
PS-7488	1.750	E	3	VLFLF
PS-7491	1.500	E	3	B/VZFFZ
PS-7496	.875	C	1	BCFJF
PS-7497	1.625	C	25	B/VCFJF
PS-7497V	1.625	C	25	VCFJF
PS-7504	1.500	E	3	QCFLF
PS-7514	.750	C	1	BCFJF
PS-7520	.590	C	1	BCFKF
PS-7520V	.590	C	1	VCFKF
PS-7524	.625	C	1	BCFJF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-7524V	.625	C	1	VCFJF
PS-7524V-P90	.625	C	1	VRFJF
PS-7547	.625	C	1	VLFLF
PS-7553	.590	C	1	BCFJF
PS-7559	1.875	E	3	BCFJF
PS-7560	1.750	E	3	VCFZF
PS-7561	1.750	E	3	VCFZF
PS-7562	1.500	E	3	QCFZF
PS-7580	2.437	E	3	BCPKP
PS-7587	1.500	W	2	TCFJF
PS-7607	1.750	C	3	QCFLF
PS-7608	1.125	C	3	VCFZF
PS-7609	1.500	E	5	QZFLF
PS-7610	1.750	E	5	QZFLF
PS-7613	.750	D	3	NCPKF
PS-7613V	.750	D	3	VCPKF
PS-7616	2.000	U	3	VZFLF
PS-7618	.750	B	11	BMFJF
PS-7632	1.500	C	1	QCFZF
PS-7635	.625	C	3	VCFKF
PS-7652	1.750	D	1	QCDZF
PS-7674	1.500	C	3	BCFKF
PS-7679	1.750	C	3	VLFLF
PS-7684	1.750	C	1	QCFZF
PS-7685	1.750	E	3	BCFJF
PS-7689	.625	C	1	QCFKF
PS-7694	1.500	C	1	BCFJF
PS-7695	1.375	CB	3	VCFKF
PS-7696	1.375	CB	1	QCFJF
PS-7697	1.375	CB	3	BCFJF
PS-7697V-TC-SEAT	1.375	CB	3	VCFZF
PS-7698V-LC	1.875	E	3	VCFKF
PS-7702	1.375	EB	3	BCFJF
PS-7703	2.625	EB	3	BCFJF
PS-7712	.500	C	1	BMFJF
PS-7716	2.500	E	3	BCFKF
PS-7719	1.250	E	3	VCFZF
PS-7727	.500	X Special	3	VCFGF
PS-7731	2.000	C	3	VLFLF
PS-7736	1.750	E	1	QCFZF
PS-7740	.500	C	1	BMFJF
PS-7747	1.500	C	1	VCFZF
PS-7749	2.250	EB	3	BCFZF
PS-7750	2.250	C	3	QCFZF
PS-7752	1.750	D	3	VZFLF
PS-7754	3.250	E	3	BCFKF
PS-7766	2.250	K	3	BCFJF
PS-7774	1.750	EB	3	BCFJF
PS-7781	2.000	C	1	BCFJF
PS-7781-SC-TC	2.000	C	1	BLFZF
PS-7782	2.250	C	1	BCFKF
PS-7792V-CMS	1.500	C	1	VLFZF
PS-7795	1.375	CB	3	BCFKF
PS-7798	1.375	DB	1	BCFKF
PS-7803	1.375	D	1	QCDZF
PS-7805	1.250	C	1	VLFLF
PS-7806	1.625	C	1	VLFLF
PS-7820	1.750	C	1	VLFLF
PS-7821	1.750	EB	3	BCFZF
PS-7827	1.875	EB	3	BCFJF
PS-7835	3.250	C	3	BCFJF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-7839	1.750	E	3	VCFLF
PS-7843	.750	C	1	VCFJF
PS-7853	4.000	EB	3	BCFJF
PS-7859V	.875	E	3	VCFKF
PS-7862	1.875	E	3	VZFZF
PS-7869	1.875	E	1	QCFZF
PS-7872	.625	C	3	VCFKF
PS-7873	3.000	K	3	BCFJF
PS-7874	1.500	D	3	BLFLF
PS-7875	3.000	C	1	BZFZF
PS-7878	1.875	T	1	BCFJF
PS-7884	1.875	EB	3	BCFKF
PS-7884V	1.875	EB	3	VCFKF
PS-7889	1.500	E	3	VCFZF
PS-7890	2.000	EB	3	VCFKF
PS-7892	2.000	EB	3	BCFKF
PS-7896	.875	E	3	VCEZE
PS-7898	1.875	E	3	BCFKF
PS-7901	1.750	EB	1	BCFJF
PS-7902	1.625	C	1	VCFJF
PS-7908	1.250	C	1	BCFJF
PS-7909	2.625	D	3	BCFJF
PS-7910	2.000	EB	1	BCFJF
PS-7918	.984	D	1	VCFKF
PS-7919	1.375	C	3	B/VLFLF
PS-7924	1.750	E	3	VCFLF
PS-7927	2.625	EB	3	BCFKF
PS-7929	.625	B	1	VLFLF
PS-7930	1.500	E	3	QCFZF
PS-7933	1.500	E	1	QCFZF
PS-7935	2.375	E	3	VZFLF
PS-7936	2.750	E	3	VCFZF
PS-7937	1.500	C	1	QLFLF
PS-7938	1.250	C	3	VCFKF
PS-7938-BUNA	1.250	C	3	BCFKF
PS-7948	.500	E	Special	BCPKF
PS-7948V	.500	E	Special	VCPKF
PS-7949	1.750	EB	3	BCFZF
PS-7950	1.750	E	3	QCFZF
PS-7951	1.875	E	3	QCFZF
PS-7953	1.500	C	1	QCFJF
PS-7953-SC-SEAT	1.500	C	1	QCFLF
PS-7959	1.750	D	3	VRFZF
PS-7960	.750	E	3	VCPKF
PS-7962	1.875	E	3	B/VCFKF
PS-7963	2.000	K	3	BCFJF
PS-7964	.750	B	Special	B/NMDGF
PS-7967	1.125	E	3	BCPKF
PS-7971	1.375	G	1	BCFJF
PS-7972	1.250	G	1	BLFLF
PS-7975	1.500	C	3	VCFKF
PS-7983V	1.250	C	1	VCFZF
PS-7985	2.500	E	3	QCFZF
PS-7986	3.750	U	3	BCDKF
PS-7991	.984	D	2	BCPGP
PS-7992	.875	E	3	VCFZF
PS-7993	3.000	T	3	BCFJF
PS-7994	.750	E	3	VCFKF
PS-7998	3.000	C	1	BZFZF
PS-8002	1.500	X Special	3	BCFJF
PS-8003	2.375	X	3	VCFLF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-8006	1.125	XB2	27	VCFJF
PS-8010	1.875	XB	3	VCFZF
PS-8020	1.000	XB2	3 Special	VCFJF
PS-8028	3.875	X	3	VCFKF
PS-8035	2.125	XB2	27	VCFJF
PS-8036	.750	X	5	QCFZF
PS-8040	1.625	XB2	27	VCFJF
PS-8044	1.437	X	5	VCFZF
PS-8048	1.375	XT	3	VCFJF
PS-8053	2.000	XB1 T	3	VCFZF
PS-8054	3.625	V	3	BCFKF
PS-8055	3.875	X	3	VCFJF
PS-8057	2.125	XB2	27	VCFJF
PS-8058	1.750	X	3	VCFLF
PS-8059	1.875	XB T	3	QCFZF
PS-8060	4.375	X	3	VCFKF
PS-8063	1.750	X1 T	3	VCFZF
PS-8064	.750	X	3	BLFLF
PS-8065	.875	X	3	BLFLF
PS-8066	.250	X Special	1	QCFLF
PS-8067	4.750	XB1	3	BCFLF
PS-8069	2.375	XB	3	VCFLF
PS-8071	1.625	XB1 T	3	VCFZF
PS-8073	1.250	X	28	VCFKF
PS-8074	1.187	XB	3	Special
PS-8076	1.875	XT	3	VCFJF
PS-8077	1.875	X Special	3	VCFJF
PS-8079	1.437	XB5	3	Special
PS-8083	4.625	XB	3	VCFZF
PS-8086	3.125	X	3	VCFZF
PS-8087	5.000	X	3	VLFZF
PS-8089	2.500	XB1	3	QCFLF
PS-8091	1.000	X	3	VCFRF
PS-8094V	1.875	XT	3	VCFZF
PS-8095	1.250	XB2	27	VCFLF
PS-8100	.250	X Special	1	QCFLF
PS-8101	.750	X Special	5	QCFZF
PS-8102	2.750	XB	3	VCFZF
PS-8103	2.500	XB1	3	VCFZF
PS-8104	3.750	X	3	VCFJF
PS-8106	3.437	X	3	VCFK*
PS-8108	2.500	X1 T	3 Special	VCFKF
PS-8109	1.500	XB2	3 Special	VCFJF
PS-8110	1.375	XB2	3	VCFJF
PS-8111	1.437	XB2	3	BCFKF
PS-8112	1.000	XB2	3	BCFKF
PS-8113	2.375	XB T	3	VCFJF
PS-8116	1.000	X	5	QCFZF
PS-8118	1.625	XB1	3	QLFLF
PS-8119	2.000	XB T	3	VCFJF
PS-8120	2.750	X	3	VCFZF
PS-8121	2.375	XB	3	QCFLF
PS-8122	2.000	XB1	3	XCFLF
PS-8123	.750	X	5	T/QCFZF
PS-8124	1.875	XB	3	QCFLF
PS-8125	1.750	XB1	5	YCFZF
PS-8126	4.250	X	3	VCFJF
PS-8127	3.625	V	3	BCFJF
PS-8128	2.750	X	5	QCFZF
PS-8131	1.437	XB Special	27 Special	VCFKF
PS-8132	2.125	X Double	3	VCFJF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-8133	1.750	X	3	VZFLF
PS-8134	2.000	X	3	VZFLF
PS-8135	1.375	X1T	3	QCFJF
PS-8136	2.750	XT	3	V/TCFJF
PS-8137	.625	X	1	VCFJF
PS-8144	3.000	XB1	3	VCFZF
PS-8560	2.375	X	3	Special
PS-8561	2.000	X	5	QCFZF
PS-8562	2.125	X1T	3	VCFJF
PS-8563	4.000	X1	5	BCEZE
PS-8592	1.312	X	3	VCFZF
PS-8600	1.500	X	5	QCFZF
PS-8700	3.750	X	27	VCFSF
PS-8701	2.875	XT Double	3	V/TCFJF
PS-8702	2.125	XT Special	3	VCFJF
PS-8705	1.000	XB1	3	VCFLF
PS-8706	3.375	X	3	V/TCFJF
PS-8712	2.250	XB1	3	VCFZF
PS-8714	.750	XB2	3	VCFJF
PS-8800	1.750	X1T	3	VCFLF
PS-9003	1.250	WT	2	TCFKF
PS-9007	1.000	W	Special	TCFJF
PS-9009	.875	W	2	TCFJF
PS-9014	1.750	WT	27	TCFJF
PS-9016	1.375	W	27 Special	QCFJF
PS-9017	1.625	WT	28	TCFKF
PS-9018	1.000	W	27	TCFJF
PS-9021	1.375	WT	3	T/VCFJF
PS-9023	1.750	WT	3	T/VCFJF
PS-9028	.500	W Special	Special	TCPKF
PS-9029	2.000	W	3	T/VCFJF
PS-9064	1.750	WT	3	T/VCFZF
PS-9106	1.750	W	2	TCFJF
PS-9119	1.875	WT	3	T/QCFZF
PS-9120	2.250	W	2	TCFJF
PS-9122	2.125	W	2	TCFJF
PS-9140	3.000	W	2	TCFJF
PS-9150	1.375	WT	3	T/VCFKF
PS-9155	.625	W	2	TLFLF
PS-9227	1.437	W	2	TCFKF
PS-9302	1.437	W	3	T/VCFKF
PS-9304	1.437	W	27	TCFKF
PS-9307	1.437	W	2	TCFOF
PS-9313	1.000	W	2	TCFKF
PS-9314	2.750	W	2	TCFJF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-9317	1.375	W	2	TCFJF
PS-9318	1.500	W	27	TCFJF
PS-9321	.625	W	2	TCFKF
PS-9322	.625	WT	Special	TCFOF
PS-9323	.750	W Special	2	TCFKF
PS-9324	.750	W	2	TCFKF
PS-9325	.750	W Special	2	TCFOF
PS-9327	1.125	W	2	TCFOF
PS-9328	1.125	W	28	TCFKF
PS-9329	1.125	W	28	Special
PS-9330	1.437	W	Special	TCFKF
PS-9331	1.437	W	28	Special
PS-9332	1.625	WT	28	TCFOF
PS-9333	2.437	W	28	TCFKF
PS-9334	1.000	W	2	TCFOF
PS-9337	3.500	W	3	T/VCFZF
PS-9338	1.062	W	27	TCFKF
PS-9339	.750	W	2	TCFJF
PS-9340	1.875	WT	3	T/VCFZF
PS-9349	1.000	WT	27	TCFZF
PS-9351	4.000	W	2	TCFJF
PS-9352	3.500	W	3	T/VCFKF
PS-9353	1.500	W	25	TCFZF
PS-9354	.625	WA	3 Special	T/YCFKF
PS-9355	1.125	W	2	TCFJF
PS-9400	2.125	W	2	QCFZF
PS-9659	1.250	WT	2	TCFLF
PS-9700	.970	C	1	VCFJF
PS-9703	2.000	WB	Special	T/NCFKF
PS-9706	1.375	WT	3	T/VCFKF
PS-9707	1.437	W	2 Special	Special
PS-9708	3.750	WB	1	T/VCFKF
PS-9709	1.875	WT	3	T/VCFJF
PS-9710	2.500	WB	Special	T/NCFKF
PS-9711	.750	W Special	2	TCFJF
PS-9712	2.000	WB	3	TCFGF
PS-9713	1.500	WT Dbl.	3	VCFJF
PS-9714	.625	W Dbl.	3	TCFJF
PS-9715	1.000	W	Special	TCFGF
PS-9717	1.437	W	27	Special
PS-9718	1.625	W Spec	2	TCFKF
PS-9719	1.250	W	3	T/VCFKF
PS-9720	.312	W	2	TCFLF
PS-9721	1.437	W	27	TCFLF
PS-9722	.625	W	27	HLFLF

## IDENTIFYING CAUSES OF SEAL LEAKAGE

Symptom	Possible Cause	Corrective Procedure
1. Cracked or broken mating ring.	Seal ran dry and heated up. When liquid reached seal faces, it was cooler and caused thermal cracks.	Check to insure seal chamber is full of liquid before starting pump. On high temperature applications, insure proper flushing at seal faces.
2. Carbon primary ring scored and grooved.	Dirty system.	Have system cleaned and flushed. Consider installation of a cyclone abrasive separator (see page 178).
3. Short seal life in treated system.	Treatment level and temperature higher than anticipated.	Advise U.S. Seal Mfg. of product temperature and PPM Treatment level, for alternate seal recommendation.
4. Primary ring worn unevenly.	Seal improperly installed.	Check installation instructions for proper assembly.
5. Bellows hard and brittle. Rapid carbon wear.	Temperature too high. Pump may have run dry and cavitated.	Cool seal chamber. Use EPR or Viton® elastomers, high temperature carbon, Ni-Resist or Tungsten Carbide mating rings.
6. Bellows soft and sticky. Appears to be dissolving.	Bellows not compatible with material being pumped.	Consult U.S. Seal Mfg. for recommendation, advising pumpage and temperature.
7. Retainer drive tabs badly worn or broken.	Vibration or coupling misalignment. Periodic loss of lubrication at seal faces.	Realign pump and motor. Insure proper flushing at seal faces.
8. Flexible bellows broken.	Coupling misalignment.	Realign pump and motor.
9. Seal wears out shaft.	Shaft end play. Radial shaft movement. Shaft not straight.	Replace bearings. Replace shaft.

## WARRANTY

U.S. Seal Mfg. warranties its seals, material and workmanship will meet applicable manufacturers' specifications and will perform according to industry standards, providing the purchaser has selected the correct seal and material and proper installation has been made by the end user.

Since it is beyond our control to assure proper selection of materials or ensure proper installation, U.S. Seal Mfg. assumes no responsibility for damage after its products have been installed.

Any product found to be defective prior to use or installation will be replaced without cost or the purchase price will be refunded at our option. This is the maximum of our liability. The sale of any U.S. Seal Mfg. product under any other warranty or guarantee, expressed or implied, is not authorized by U.S. Seal Mfg.

The foregoing is in addition to Seller's Standard Terms and Conditions of Sale which shall apply to all sales. Copies available upon request.



# UNABLE TO FIND THE SEAL YOU REQUIRE?

Complete this worksheet and fax to U.S. Seal Mfg. at 877-849-7325  
OR

E-mail completed worksheet and pictures to [ussfax@ussealmfg.com](mailto:ussfax@ussealmfg.com)

## EQUIPMENT DATA

1. Pump Mfg. Name. (Found on Nameplate) \_\_\_\_\_
2. Model Number \_\_\_\_\_
3. Serial Number \_\_\_\_\_
4. Seal Part Number \_\_\_\_\_

## SEAL DESIGN - See Front Cover Fold-Out

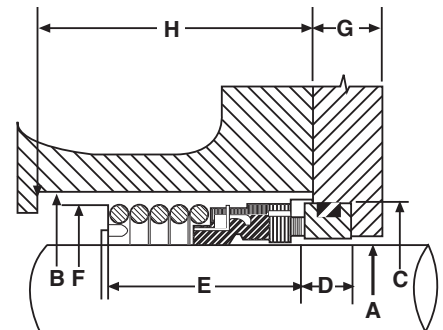
1. Head Type \_\_\_\_\_
2. Mating Ring Type \_\_\_\_\_
3. Manufacturer \_\_\_\_\_
4. Manufacturers' Part Number \_\_\_\_\_

## OPERATING CONDITIONS - \*This Section MUST Be Completed\*

1. Product Handled \_\_\_\_\_
2. If Concentrated, What %? \_\_\_\_\_
3. Temperature F. \_\_\_\_\_ C. \_\_\_\_\_

## DIMENSIONAL DATA

- A. Shaft / Sleeve OD \_\_\_\_\_
- B. Counterbore of Stuffing Box \_\_\_\_\_
- C. Bore of Gland for Mating Ring Unit or Housing \_\_\_\_\_  
If pump is equipped with a stuffing box,  
what is the counterbore? \_\_\_\_\_
- D. Width of Mating Ring \_\_\_\_\_
- E. Operating Height of Seal \_\_\_\_\_
- F. OD of Seal \_\_\_\_\_



Your Name and Company \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_  
E-mail \_\_\_\_\_

## Need To Send a Sample For Identification?

- Please include this completed form.
- It is most important that we know the service conditions. i.e. What Are You Pumping?
- Samples must be clean. Please include a copy of the MSDS form.
- Please Note - **Seals received not cleaned will be returned without identification.**

**U.S. SEAL**



**MFG.** <sup>TM</sup>

Tel: 800-243-5489 ■ Fax: 877-849-7325

[www.ussealmfg.com](http://www.ussealmfg.com)