

# U.S. SEAL MFG.

CATALOG 2012



## U.S. SEAL



## MFG.™

DEMAND QUALITY...

DEMAND U.S. SEAL MFG.

**Now Available from  
U.S. SEAL MFG.**



Gorman-Rupp T Series  
Replacement Seals



Flygt Plug-In™ Replacement Seals



Wemco®-Hidrostal Replacement Seals



Mission™ Magnum™ 1 Mud Pump  
Replacement Seals



KSB Replacement Seals



Replacement Seals for Food,  
Dairy & Beverage Processing



U.S. Seal Mfg. remains the premier supplier of mechanical pump seals and related products. Our quality products are available through our ever growing network of domestic and international distributors. Literature and video downloads are available at [www.ussealmfg.com](http://www.ussealmfg.com).

U.S. Seal Mfg. - your single source for all replacement seals for both domestic and off-shore equipment.


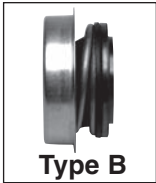
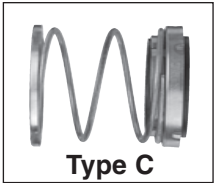
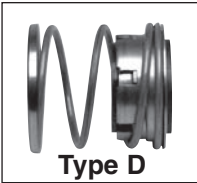
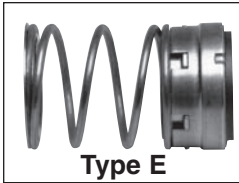
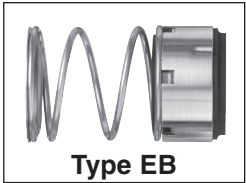

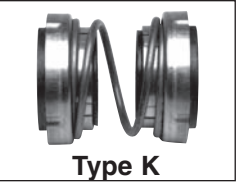

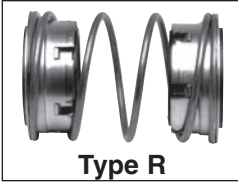
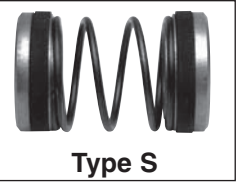
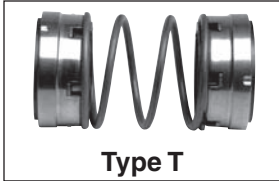
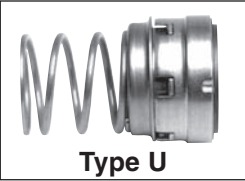
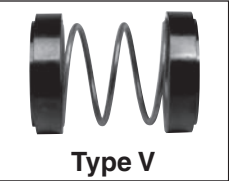
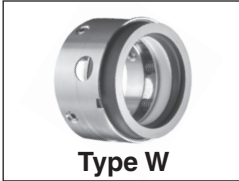



**DEMAND QUALITY...**  
**DEMAND U.S. SEAL MFG.**

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







## U.S. SEAL MFG. Head Types

 <b>Type A</b> Equal to: John Crane Type 6	 <b>Type B</b> Equal to: John Crane Type 6A	 <b>Type C</b> Equal to: John Crane Type 21	 <b>Type D</b> Equal to: John Crane Type 2	 <b>Type E</b> Equal to: John Crane Type 1	 <b>Type EB</b> Equal to: John Crane Type 1 Balanced
 <b>Type G</b> Equal to: John Crane Types 2100 & 2106	 <b>Type K</b> Equal to: John Crane Type 21 Dbl.	 <b>Type Q</b> Equal to: John Crane Type 11A	 <b>Type R</b> Equal to: John Crane Type 2 Dbl.	 <b>Type S</b> Equal to: John Crane Type 8 Spec	
 <b>Type T</b> Equal to: John Crane Type 1 Dbl.	 <b>Type U</b> Equal to: John Crane Type 1 w/Sp. Adpt.	 <b>Type V</b> Equal to: John Crane Type 8D	 <b>Type W</b> Equal to: John Crane Types 9 & 9T	 <b>Type X</b> Equal to: John Crane Types 8-1 & 8-1T	

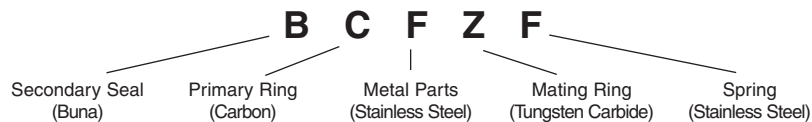
## U.S. SEAL MFG. Mating Ring Designs

(Available in a wide variety of materials)

 <b>1</b>	 <b>2</b>	 <b>3</b>	 <b>5</b>	 <b>8</b>	 <b>9</b>
 <b>11</b>	 <b>25</b>	 <b>27</b>	 <b>28</b>	 <b>31</b>	 <b>32</b>

## 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. Tooled Steel		S. Tooled Steel	
	Z. Tungsten Carbide		Z. Tungsten Carbide	



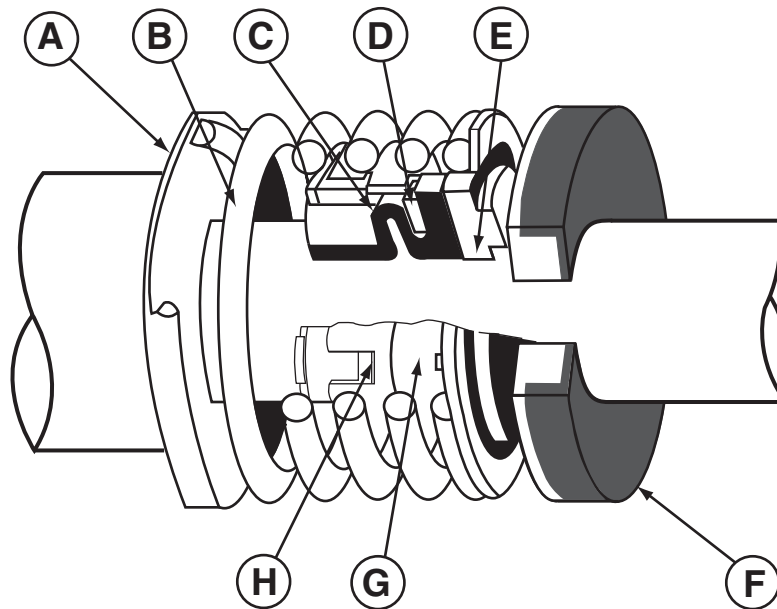
AFLAS® is a registered trademark of Asahi Glass Co., Ltd.  
 Kalrez® is a registered trademark of DuPont Performance Elastomers, LLC  
 Viton® is a registered trademark of DuPont Performance Elastomers, LLC  
 Monel® is a registered trademark of Special Metals Corporation

## DESIGN AND CONSTRUCTION FEATURES

- SELF ALIGNING
- COMPLETELY ASSEMBLED FOR EASY INSTALLATION
- EXCEPTIONALLY BROAD APPLICATION RANGE
- WIDE TEMPERATURE RANGE
- LOW, MEDIUM OR HIGH PRESSURE APPLICATIONS
- AVAILABLE FOR STANDARD OR LIMITED GLAND DEPTHS
- AUTOMATIC COMPENSATION FOR MATING RING WEAR AND SHAFT END PLAY

## 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> | Rubber 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 6-117), 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 130-179).

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 Over 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 123-127 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 (Shaft Diameters 5/16" through 1")

**FEATURES:** Compact, unitized, single spring, elastomer bellows seal. The factory-assembled, one piece design permits fast, easy installation and the full-convolution elastomer bellows provide 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 (Shaft Diameters 3/8" through 1")

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



## TYPE C (Shaft Diameters 5/16" through 5-1/2")

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

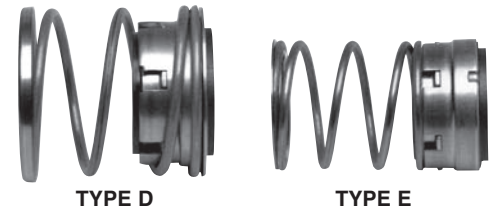
**SERVICES:** Centrifugal, hydraulic, rotary and turbine pumps, compressors, mixers, blenders and chillers. Pressures to 150 PSI. Temperature: -40°F to +400°F.



## TYPE D, E (Shaft Diameters 1/2" through 5-5/8")

**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:** Used throughout industry in all types of rotary shaft equipment such as pumps, mixers, blenders, agitators and compressors. Seals can be used in an extremely 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 (dependent upon sealed fluid, RPMs, seal size, and seal face materials)

## TYPE G (Shaft Diameters 7/16" through 3-1/2")

**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 (Shaft Diameters 1/2" through 2-1/4")

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

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



## TYPE W (Shaft Diameters 1/2" through 6")

**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 (Shaft Diameters 1/4" through 6")

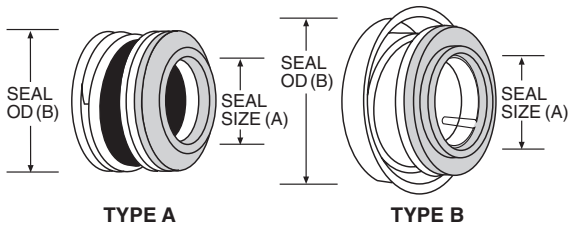
**FEATURES:** Multi Spring, O-ring design, unitized construction, flexible design compensates for shaft misalignment for high performance and longer seal life. Also available in a balanced design.

**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 on the front cover fold-out.
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.

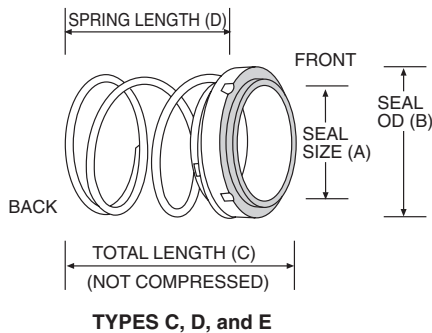
Measure the head OD (dimension B)

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.



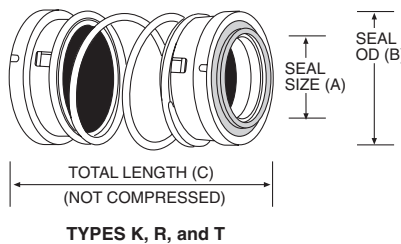
## SEAL HEADS – TYPES K, R and T

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.

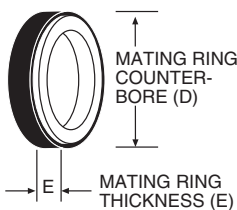


## MATING RING and GASKET

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 counterbore dimension (dimension D).

Measure the combined insert and gasket width (dimension E).

Use the Dimensional Cross Reference guide (pages 130-179) 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	.1093	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>1.000</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 186-195 for Metric Seal Selection

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Shaft Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ABS USA</b>								
PS-851	A	1	1.375	3/4	BCFJF			11107939
PS-446	C	1	2.500	1-3/4	BCFJF			11116013
PS-267	C	1	2.750	2	BCFJF			11116014
PS-1679	C	1	3.125	2-1/4	BCFJF			11116015
PS-2116	C	3	3.875	3	BCFJF			11116016
<b>A-C COMPRESSOR CORPORATION</b>								
PS-9708	WB	1	4.375	3-3/4	T/VCFKF	316SS		16-630-048-09-1
<b>A-C PUMP</b>								
PS-150	B	—	—	1/2	BMF-F			
PS-4470	A	1	1.250	5/8	BMFJF		Model C1 Close Coupled Pumps Types: CR, DDH, DG, DGH, HH, HHS, R, RH, RHS, RS, WH	52-104-969-803 52-104-969-813 52-104-969-823
PS-642	B	—	—	5/8	BMF-F			52-105-071-801
PS-447V-P66	B	8	—	5/8	VCFJF	A/I		52-114-660-803
PS-118	C	1	1.187	5/8	BCFJF			
PS-359	C	1	1.250	5/8	BCFJF			
PS-7689	C	1	1.250	5/8	QCFKF	I		52-126-378-801
PS-735	D	3	1.250	5/8	BCDJF			52-104-945-805
PS-647	B	—	—	3/4	BMF-F			
PS-358	C	1	1.375	3/4	BCFJF			
PS-750	D	1	1.375	3/4	BCDJF			
PS-703	D	1	1.500	7/8	BCDJF			
PS-360	A	1	1.625	1	BCFJF			52-104-969-806 52-104-969-816
PS-357	C	1	1.625	1	BCFKF			52-113-094-802
PS-460	D	1	1.625	1	BCFKF			
PS-754	E	1	1.625	1	BCFJF			
PS-937	E	—	—	1	BCF-F			52-110-870-809
PS-557	E	3	1.625	1	B/VCFJF	S		52-104-870-809
PS-754V	E	3	1.625	1	VCFJF	S		52-116-831-801 52-116-831-804
PS-276	T	1	1.625	1	BCFJF			52-105-275-808
PS-277	T	1	1.625	1	BCFKF			52-105-275-858
T9-1000	WT	—	—	1	TCF-F	316SS		52-108-896-803
PS-355	C	1	1.750	1-1/8	BCFKF			52-104-946-803
PS-348	C	—	—	1-1/8	BCF-F			
PS-605	D	1	1.750	1-1/8	BCFKF			52-104-945-803
PS-204	E	1	1.750	1-1/8	BCFJF		SJH, Size 3 x 2-1/2, 2-1/2 x 2	08-216-526-001
PS-867	E	3	1.750	1-1/8	BCFKF			52-104-870-806
PS-185	C	1	1.875	1-1/4	BCFJF			52-113-592-801
PS-2122	C	1	1.875	1-1/4	BCFJF			52-114-901-807
PS-756	C	1	1.875	1-1/4	BCFKF			
PS-598	C	3	1.875	1-1/4	BCFKF			
PS-466	C	1	2.000	1-1/4	BCFJF			
PS-2230	C	3	2.000	1-1/4	BCFJF		Series 2000	52-119-056-801
PS-1018	C	3	2.000	1-1/4	BCFKF		Series 2000	52-118-510-801
PS-3045	C	3	2.000	1-1/4	BCFZF	I	Series 2000	
PS-1018-EPR-P66	C	3	2.000	1-1/4	QCFKF	I		52-126-211-801
PS-2200	C	3	2.000	1-1/4	VCFKF	I		52-114-659-808
PS-1015	E	—	—	1-1/4	BCF-F			52-110-870-807
PS-361	E	1	1.875	1-1/4	BCFJF		Model C16 with 215T & Smaller Frame Motors F2L-1, F2L-3, F2L-5 and F2L-6	52-104-609-817 52-105-609-813 52-114-605-805
PS-137	E	1	1.875	1-1/4	BCFKF			52-106-609-813 52-106-609-817
PS-108	E	1	1.875	1-1/4	NCPKP			52-105-383-807
PS-546	E	3	1.875	1-1/4	BCFJF			52-104-870-807 52-114-890-807
PS-2211	T	3	1.875	1-1/4	BCFJF			52-105-275-801
PS-177	C	1	2.000	1-3/8	BCFJF		MAXEAL®-V Sizes 6x4x12, 8x5x12, 8x6x12	52-115-605-801

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>A-C PUMP (continued)</b>								
PS-2134	C	1	2.000	1-3/8	BCFJF			52-121-998-801
PS-210	C	1	2.000	1-3/8	BCFKF		Custom V	52-114-713-801
PS-1667	C	1	2.000	1-3/8	BCFKF		Series 8000	52-117-036-801
PS-3213	C	3	2.000	1-3/8	VCFKF	I		52-114-659-801
PS-4087	E	—	—	1-3/8	VCF-F	316SS/C		52-118-671-802 52-118-671-803
PS-354	E	1	2.000	1-3/8	BCFJF		SS-CH, SS-DH, SS-HH, SS-L	52-111-322-801
PS-677	E	1	2.000	1-3/8	BCFKF			52-105-382-801
PS-677V	E	3	2.000	1-3/8	VCFKF			52-118-679-801
T9-1375	WT	—	—	1-3/8	TCF-F	316SS		52-118-672-802
PS-758	C	1	2.125	1-1/2	BCFJF			52-112-870-801
PS-553	C	3	2.125	1-1/2	BCFKF			52-118-591-001
PS-382	D	1	2.125	1-1/2	BCFJF			52-104-945-801 52-104-945-806
PS-371	D	1	2.125	1-1/2	BCFKF			52-101-848-082 52-104-946-801
PS-314	E	3	2.000	1-1/2	BCFJF		Type-SH 4 x 3	08-301-766-066-04
PS-316	E	3	2.000	1-1/2	BCFKF		4 x 2-1/2 SKH	08-301-766-020-36
PS-4473	EB	3	2.000	1-1/2	BCFJF			52-161-211-801
PS-4088	EB	3	2.000	1-1/2	QCFJF	I		52-161-209-801
PS-238	C	1	2.375	1-5/8	BCFJF			52-110-870-811 52-114-043-805
PS-239	C	1	2.375	1-5/8	BCFKF			52-118-511-002 52-118-512-002
PS-2202	C	3	2.625	1-5/8	BCFJF		Series 2000	52-119-056-802
PS-1019	C	3	2.625	1-5/8	BCFKF		Series 2000	52-118-510-802
PS-3078	C	3	2.625	1-5/8	BCFKF	316SS		
PS-2201	C	3	2.625	1-5/8	QCFKF	I		52-126-211-802
PS-4288	C	3	2.625	1-5/8	QCFZF			52-126-874-802
PS-609	E	1	2.312	1-5/8	BCDJF		Type-KSH	08-303-611-07-001 08-306-539-015-03 52-115-315-801
PS-281	R	3	2.375	1-5/8	BCDKF			
PS-446	C	1	2.500	1-3/4	BCFJF		MAXEAL®-V Series 5000	52-115-605-802
PS-2135	C	1	2.500	1-3/4	BCFJF			52-121-998-802
PS-1674	C	1	2.500	1-3/4	BCFKF		Series 8000	52-117-036-802
PS-1674-EPR-P66	C	1	2.500	1-3/4	QCFKF	I		52-126-489-802
PS-436V-P66	C	3	2.500	1-3/4	VCFKF	I		52-114-659-802
PS-2109	E	—	—	1-3/4	BCF-F			52-110-870-802
PS-317	E	1	2.487	1-3/4	BCFJF		5 x 5 KSG	08-303-611-07-004
PS-205	E	1	2.500	1-3/4	BCFJF		MAXEAL VII® C16, C17S, F2-2 F2-5, F2-8, F2L-2 and F2L-4	08-212-616-001
PS-366	E	1	2.500	1-3/4	BCFKF			52-110-871-802
PS-535	E	3	2.500	1-3/4	BCFJF			52-114-901-802 52-122-588-806 52-104-870-802
PS-262	E	3	2.500	1-3/4	BCFKF			52-114-890-802
PS-1197	K	1	2.500	1-3/4	BCFKF			
PS-1608	C	1	2.625	1-7/8	BCFKF			52-114-713-805
PS-2114	C	3	2.625	1-7/8	BCFJF			52-122-693-805 52-127-471-805
PS-2069	E	1	2.625	1-7/8	BCFJF		3 x 2 MM-2	
PS-2070	E	1	2.625	1-7/8	BCFKF		3 x 2 MM-2	08-301-766-02-065
PS-2071	E	3	2.625	1-7/8	BCFJF			52-122-588-814
PS-7884	EB	3	2.500	1-7/8	BCFKF			52-121-754-802
PS-318	K	1	2.625	1-7/8	BCFJF		Models NSW, NSWV	52-110-280-03-801
PS-1693	K	1	2.625	1-7/8	BCFKF			52-110-280-801
PS-7352	K	1	2.625	1-7/8	BCFKF			52-110-280-807
PS-1105	V	25	2.640	1-7/8	BMFJF		Model F7N-2,4 x 4 x 11	
PS-2133	C	1	2.750	2	BCFJF			52-119-056-803 52-121-998-803

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)


# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>A-C PUMP (continued)</b>								
PS-267	C	1	2.750	2	BCFJF			52-122-693-807A
PS-1017	C	1	2.750	2	BCFKF		Series 8000	52-117-036-803
PS-3674	C	1	2.750	2	QCFKF	I		52-126-489-803
PS-3580	C	1	2.750	2	QCFZF	I		52-126-872-803
PS-1017-TC-SEAT	C	3	2.750	2	BCFZF			52-161-177-803
PS-1020	C	3	3.000	2	BCFKF		Series 2000	52-118-510-803
PS-1020-EPR-P66	C	3	3.000	2	QCFKF	I	Series 2000	52-126-211-803
PS-319	E	1	2.687	2	BCFJF		MAXEAL® VII Series 2000	52-115-315-803 08-212-617-001
PS-478	E	1	2.687	2	BCFKF		MAXEAL® VII and KS	
PS-530	E	3	2.750	2	BCFJF			52-104-870-803 52-116-823-810
PS-477	E	3	2.750	2	BCFKF			52-123-692-801
PS-477V	E	3	2.750	2	VCFKF			52-115-946-803
PS-477V-TC-SEAT	E	3	2.750	2	VCFZF			52-115-720-807
PS-1040	K	3	2.750	2	BCFKF			52-237-862-801
PS-7196V	K	3	2.750	2	VCFJF	S		52-237-862-802
PS-1687	D	1	3.000	2-1/8	BCFKF			52-104-945-802
FA-3502	E	—	—	2-1/8	BCF-F	316SS		52-129-173-802
PS-327	E	3	3.000	2-1/8	BCFJF			52-129-172-801
PS-1678	C	3	3.125	2-1/4	BCFJF			52-122-693-804
PS-323	E	1	3.125	2-1/4	BCDJF		CUSTOM VII, KS, C17, 8 x 8 SH	08-216-036-001
PS-351	E	1	3.125	2-1/4	BCDKF			08-630-132-009
PS-849	E	3	3.125	2-1/4	BCDKF			52-104-870-804
PS-1688	E	3	3.125	2-1/4	BCFJF			52-121-998-808 52-122-588-808
PS-351V	E	3	3.125	2-1/4	VCDKF			52-114-660-804
PS-279	E	3	3.375	2-1/2	BCFJF		Model F2-6	
PS-349	E	3	3.375	2-1/2	BCFKF			52-104-870-805
PS-349V	E	3	3.375	2-1/2	VCFKF			52-115-946-804
PS-836	C	3	3.500	2-3/4	BCFJF			52-122-693-806
PS-483	C	3	3.500	2-3/4	BCFKF			52-114-713-804
PS-838	E	3	3.500	2-3/4	V/BCFJF			08-210-902-045 52-114-890-810 52-115-315-805
PS-321	E	3	3.500	2-3/4	V/BCFKF		CUSTOM VII	08-216-035-001 52-104-870-808
PS-321V	E	3	3.500	2-3/4	VCFKF			52-114-660-805
PS-7936	E	3	3.500	2-3/4	VCFZF	316SS		62-121-756-805
PS-322	K	3	3.500	2-3/4	BCFKF		NSWG, NSWV, Series 300	52-109-719-802
PS-324	E	3	3.875	3	BCDJF		12 x 12 SD	08-210-902-04-037
PS-2141	K	3	3.875	3	BCFKF			52-237-805-801
PS-6228	K	3	3.875	3	VCFJF			52-237-805-803
PS-7244	K	3	4.125	3-1/4	BCFKF			52-237-806-801
PS-4113	T	3	4.375	3-1/2	BCFKF			52-115-082-801
PS-8028	X	3	4.750	3-7/8	VCFKF	316SS/I		08-217-897-801
PS-2140	K	3	6.000	5	BCFKF			52-115-055-801 52-238-383-801

Value Guard Part No.	Mfg. Part No.	Seal Size	Material Code
<b>A-C PUMP - Replacement Seal Kits for Series AC 2000</b>			
VGK-2000	52-051-447	1-1/4	BCFKF
VGK-2001	52-051-404	1-1/4	BCFKF
VGK-2002	52-051-406	1-1/4	BCFKF
VGK-2003	52-051-405	1-5/8	BCFKF
VGK-2004	52-051-448	1-5/8	BCFKF
VGK-2005	52-051-453	1-5/8	BCFKF

Kits include mechanical seal, shaft sleeve, spacer, gland, key, washer, impeller nut and stud, sleeve and casing 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.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ACE ENGINEERING</b>								
PS-633	C	1	1.250	5/8	BCFKF			1743-2CS
PS-112	C	1	1.375	3/4	BCFKF			2043-3CS
<b>ACE PUMP CORPORATION</b>								
PS-100	A	1	1.187	5/8	BMFJF		ACH-25, 33, 50, 75, 100, ACL-75 ACO & BCH-25, 33, 50, 75	
PS-953	A	1	1.187	5/8	BCFJF			30210F
PS-447V	B	8	—	5/8	VCFJF	A		80040F, ECL-7SG
PS-4114	B	8	1.109	5/8	Special			Z-ECL-7V
PS-3102	B	11	—	5/8	BCFJF	A		BAC-7B
PS-202V	B	11	—	5/8	VCFJF	A	C600-10QC, 1000-21SP	BAC-7VC
PS-3103	B	11	—	5/8	VCFJF		Has Seat Adaptor	BAC-7V2
PS-3106	B	11	1.237	5/8	VLFLF		Has Seat Adaptor	BAC-7SC
PS-800	C	1	1.156	5/8	BMFJF	H		
PS-1016	C	1	1.187	5/8	N/BCFJF	B		
PS-1091	C	1	1.187	5/8	VCFJF			30240F
PS-102	D	1	1.250	5/8	BCDKF			
PS-3107	G	3	1.375	5/8	VCFJF			BAC-7-650
PS-3005	G	3	1.250	5/8	VLFLF	316SS		BAC-7SC-205V
PS-851	A	1	1.375	3/4	BCFJF		ACH-150, 200, 300, 500 ACXH-150, BCH-100, 200, 300	30220 F
PS-3104	B	3	1.375	3/4	VLFLF	316SS		BAC-7SC-660V
PS-752	D	1	1.375	3/4	BCDKF			
PS-3105	G	25	1.375	3/4	VLFLF		Light Spring Load	BAC-7SC-650
PS-3214	K	3	1.375	3/4	VCFJF			BAC7-650-WS
PS-892V	K	3	1.500	7/8	VCFJF			BAC-7-750V
PS-3112	C	1	1.625	25MM	VCFJF			TYPE21-984
PS-360	A	1	1.625	1	BCFJF		BCH-300, 500, 750, 1000 Models 100S, 133S, 150S, 175S	
PS-360V-CMS	A	1	1.625	1	VCFJF			42120F, GE-7-V
PS-235V-CMS	C	1	1.625	1	VCFJF			21-098-16
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			TYPE21-1.250
PS-185V-SC-SC	C	1	1.875	1-1/4	VLFLF			30266F
<b>ACURA SPA SYSTEMS, INC.</b>								
PS-1000	B	1	1.250	5/8	BMFJF		Aquaheat, Aquaheat Plus, Magnaflow, Magnaflow 56, Maverick, Supercharger, Supercharger II	1090-A
<b>ADAMATION, INC. - (Dishwashers)</b>								
PS-3159	B	8	—	5/8	BCFJF	A		55-6301, 305-6154 305-6164
PS-758	C	1	2.125	1-1/2	BCFJF			55-6301-364-6193
<b>ADVANCED PROCESS TECHNOLOGY</b>								
PS-3226	C	3	1.000	1/2	VCFKF			95601
PS-112V	C	3	1.375	3/4	VCFKF			90551
PS-756V	C	3	1.875	1-1/4	VCFKF			90119
<b>ADVANTAGE ENGINEERING, INC.</b>								
PS-552	C	3	1.250	5/8	BCFJF			
PS-552-EPR-P66	C	3	1.250	5/8	QCFJF	I		6491000
PS-633V-P66	C	3	1.250	5/8	VCFKF	I		6490000, 6495301
PS-598-EPR	C	3	1.875	1-1/4	QCFKF			6495612
PS-553	C	3	2.125	1-1/2	BCFKF			6480000
PS-4361	D	1	2.375	1-5/8	BLFZF			6480005

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

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AERMOTOR PUMPS</b>								
PS-100	A	1	1.187	5/8	BMFJF			
PS-200	A	1	1.250	5/8	BMFJF			SJ-45
PS-274	E	1	1.250	5/8	BCDJF			
PS-487	E	1	1.250	5/8	BCDKF			
PS-201	A	1	1.375	3/4	BMFJF			SJ-47
PS-275	C	1	1.375	3/4	BCFJF			
<b>AIR-O-LATOR CORP.</b>								
PS-618	C	3	1.875	1-1/4	BCFJF			37SM-125CC
PS-598-SC-SC	C	3	1.875	1-1/4	BLFLF			37SM-125SC
PS-816	C	3	2.125	1-1/2	BCFJF			37SM-150CC
PS-3101	C	3	2.125	1-1/2	BLFLF			37SM-150SC
PS-2217	C	3	2.125	1-1/2	BZFZF			37SM-150TC
PS-550	C	3	2.500	1-3/4	BCFJF			37SM-175CC
PS-436-SC-SC	C	3	2.500	1-3/4	BLFLF			37SM-175SC
PS-436-TC-TC	C	3	2.500	1-3/4	BZFZF			37SM-175TC
PS-532	C	3	2.750	2	BCFJF			37SM-200CC
<b>ALCO</b>								
PS-832	D	3	2.750	2	BCDKF		Models 244D and 539	2250033-2, 5250013-3

Value Guard Part No.	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>ALFA LAVAL® CENTRIFUGAL PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>Tri-Flo® (Tri-Clover®) CL Series</b>				
VGFS-2000	Single	1-1/4	QCFLF	9612-7118-01
VGFS-2001	Single	1-1/4	BCFLF	9612-7118-02
VGFS-2002	Single	1-1/4	VCFLF	9612-7118-03
VGFS-2003	Single	1-1/4	QLFLF	9612-7119-01
VGFS-2004	Single	1-1/4	BLFLF	9612-7119-02
VGFS-2005	Single	1-1/4	VLFLF	9612-7119-03
<b>LKH 5-60</b>				
VGFS-2010	Single	32MM	QLFLF	9612-1296-05
VGFS-2011	Single	32MM	BLFLF	9612-1296-06
VGFS-2012	Single	32MM	VLFLF	9612-1296-07
VGFS-2013	Single	32MM	QCFLF	9612-1296-09
VGFS-2014	Single	32MM	BCFLF	9612-1296-10
VGFS-2015	Single	32MM	VCFLF	9612-1296-11
VGFS-2016	Double	32MM	QCFLF	9612-1296-13
VGFS-2017	Double	32MM	BCFLF	9612-1296-14
VGFS-2018	Double	32MM	VCFLF	9612-1296-15
VGFS-2019	Double	32MM	QLFLF	9612-1296-17
VGFS-2020	Double	32MM	BLFLF	9612-1296-18
VGFS-2021	Double	32MM	VLFLF	9612-1296-19
<b>LKH 70 &amp; 80</b>				
VGFS-2030	Single	42MM	QLFCF	9612-5151-01
VGFS-2031	Single	42MM	BLFCF	9612-5151-02
VGFS-2032	Single	42MM	VLFCF	9612-5151-03
VGFS-2033	Single	42MM	QLFLF	9612-5151-05
VGFS-2034	Single	42MM	BLFLF	9612-5151-06
VGFS-2035	Single	42MM	VLFLF	9612-5151-07
<b>LKH 110 &amp; 120 Multi-Stage - Non-Flushed</b>				
VGFS-2040	Single	42MM	QLFCF	9612-3622-01
VGFS-2041	Single	42MM	BLFCF	9612-3622-02
VGFS-2042	Single	42MM	VLFCF	9612-3622-03
VGFS-2043	Single	42MM	QLFLF	9612-3622-04
VGFS-2044	Single	42MM	BLFLF	9612-3622-05
VGFS-2045	Single	42MM	VLFLF	9612-3622-06



**VGFS-2013**

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>ALFA LAVAL® (G&amp;H) PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>TSE/SRU 1 (322 &amp; 332) - Hyclean Non-Flushed</b>				
VGFS-3000	Single	20MM	QCFFF	9630053608
VGFS-3001	Single	20MM	QLFLF	9630053609
VGFS-3002	Single	20MM	VCFLF	9630057357
VGFS-3003	Single	20MM	VCFFF	9630060999
VGFS-3004	Single	20MM	VLFLF	9630065312
VGFS-3005	Single	20MM	BCFFF	9630070142
VGFS-3006	Single	20MM	BLFLF	9630090685
VGFS-3007	Single	20MM	QCFLF	9630090686
VGFS-3008	Single	20MM	BCFLF	9630090687
<b>TSE/SRU 2 (422 &amp; 432) - Hyclean Non-Flushed</b>				
VGFS-3010	Single	30MM	BCFFF	9630046729
VGFS-3011	Single	30MM	VCFFF	9630046730
VGFS-3012	Single	30MM	QCFFF	9630046731
VGFS-3013	Single	30MM	BCFLF	9630046745
VGFS-3014	Single	30MM	VCFLF	9630046746
VGFS-3015	Single	30MM	QCFLF	9630046747
VGFS-3016	Single	30MM	BLFLF	9630046758
VGFS-3017	Single	30MM	VLFLF	9630046759
VGFS-3018	Single	30MM	QLFLF	9630046760
<b>TSE/SRU 3 (522 &amp; 532) - Hyclean Non-Flushed</b>				
VGFS-3020	Single	35MM	BCFFF	9630046733
VGFS-3021	Single	35MM	VCFFF	9630046734
VGFS-3022	Single	35MM	QCFFF	9630046735
VGFS-3023	Single	35MM	BCFLF	9630046749
VGFS-3024	Single	35MM	VCFLF	9630046750
VGFS-3025	Single	35MM	QCFLF	9630046751
VGFS-3026	Single	35MM	BLFLF	9630046761
VGFS-3027	Single	35MM	VLFLF	9630046762
VGFS-3028	Single	35MM	QLFLF	9630046763
<b>TSE/SRU 4 (622 &amp; 632) - Hyclean Non-Flushed</b>				
VGFS-3030	Single	45MM	BCFFF	9630046737
VGFS-3031	Single	45MM	VCFFF	9630046740
VGFS-3032	Single	45MM	QCFFF	9630046741
VGFS-3033	Single	45MM	BCFLF	9630046752
VGFS-3034	Single	45MM	VCFLF	9630046753
VGFS-3035	Single	45MM	QCFLF	9630046754
VGFS-3036	Single	45MM	BLFLF	9630046765
VGFS-3037	Single	45MM	VLFLF	9630046766
VGFS-3038	Single	45MM	QLFLF	9630046767
<b>TSE/SRU 5 (722 &amp; 732) - Hyclean Non-Flushed</b>				
VGFS-3040	Single	55MM	BCFFF	9630046738
VGFS-3041	Single	55MM	VCFFF	9630046743
VGFS-3042	Single	55MM	QCFFF	9630046744
VGFS-3043	Single	55MM	BCFLF	9630046755
VGFS-3044	Single	55MM	VCFLF	9630046756
VGFS-3045	Single	55MM	QCFLF	9630046757
VGFS-3046	Single	55MM	BLFLF	9630046769
VGFS-3047	Single	55MM	VLFLF	9630046770
VGFS-3048	Single	55MM	QLFLF	9630046771
<b>TSE/SRU 6 (822 &amp; 832) - Hyclean Non-Flushed</b>				
VGFS-3050	Single	67MM	VCFFF	9630030780
VGFS-3051	Single	67MM	QCFFF	9630041719
VGFS-3052	Single	67MM	QLFLF	9630041720
VGFS-3053	Single	67MM	QCFLF	9630041729
VGFS-3054	Single	67MM	VLFLF	9630049360
VGFS-3055	Single	67MM	BCFFF	9630053215
VGFS-3056	Single	67MM	VCFLF	9630057267
VGFS-3057	Single	67MM	BLFLF	9630060539
VGFS-3058	Single	67MM	BCFLF	9630090689



**VGFS-3048**

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ALLIED PUMP CORP.</b>								
PS-507	A	1	1.250	5/8	BMFKF			
<b>ALLIS CHALMERS (See A-C PUMP)</b>								
<b>AMERICAN DISH SERVICE</b>								
PS-162	A	1	1.000	1/2	BMFJF			
<b>AMERICAN MACHINE AND TOOL CO. (AMT) (SUBSIDIARY OF GORMAN-RUPP)</b>								
PS-200	A	1	1.250	5/8	BMFJF			MS-626V
PS-200V-CMS	A	1	1.250	5/8	VCFJF			1640-161-91
PS-882	B	—	—	5/8	BCF-F			1646-001-00
PS-642	B	—	—	5/8	BMF-F			
PS-3124	B	1	1.087	5/8	BCFJF			1642-250-00
PS-933V	C	—	—	5/8	VCF-F			1646-005-0
PS-201	A	1	1.375	3/4	BMFJF			MS-756-B
PS-9711	W Special	2	1.375	3/4	TCFJF	316SS		1643-541-00
PS-348V	C	—	—	1-1/8	VCF-F			1645-000-00
PS-356	C	1	1.750	1-1/8	BCFJF			287-15A/B
<b>AMERICAN-MARSH PUMPS</b>								
PS-633V	C	3	1.250	5/8	VCFKF			890031
PS-112V	C	3	1.375	3/4	VCFKF			890004
PS-687V	C	3	1.500	7/8	VCFKF			890036
PS-185	C	1	1.875	1-1/4	BCFJF			10-1400-02
PS-756	C	1	1.875	1-1/4	BCFKF			890003
PS-2208	C	1	1.875	1-1/4	BZFZF			10-1400-02S4
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			800-011-869
PS-756V	C	3	1.875	1-1/4	VCFKF			890044
PS-3724	E	3	1.875	1-1/4	QCFKF	S		
PS-7702	EB	3	1.875	1-3/8	BCFJF			10-0516-05, 800-0047-851
PS-758	C	1	2.125	1-1/2	BCFJF			10-1401-01
PS-4374	EB	3	2.125	1-5/8	BCFJF			800-0048-851 999-0007-331
PS-446	C	1	2.500	1-3/4	BCFJF			10-1402-00
PS-7884V	EB	3	2.500	1-7/8	VCFKF			10-0518-034 800-0049-853, FJ2002FS
PS-267	C	1	2.750	2	BCFJF			10-1403-09
PS-267V	C	3	2.750	2	VCFJF			890023
<b>AMERICAN PRODUCTS</b>								
PS-150	B	—	—	1/2	BMF-F			
PS-1000	B	1	1.250	5/8	BMFJF		Americana II®, Bronze-Bronze®, Eagle® Maxim, Power-Glass®, Ultra-Flo®	397012 397020
PS-201	A	1	1.375	3/4	BMFJF		Americana®, Bronze-Noryl®	395005
<b>AMPCO PUMPS CO.</b>								
PS-359V-CMS	C	1	1.250	5/8	VCFJF			GS625002
PS-633V-CMS	C	1	1.250	5/8	VCFKF			GS625003
PS-357	C	1	1.625	1	BCFKF			GS5009976
PS-356V-CMS	C	1	1.750	1-1/8	VCFJF			GS1125008
PS-7908	C	1	1.875	1-1/4	BCFJF	316SS/I		GS8103410, GS5097400
PS-756	C	1	1.875	1-1/4	BCFKF			GS5009974
PS-2122V-CMS	C	1	1.875	1-1/4	VCFJF			GS8105960
PS-1109-EPR	C	3	1.875	1-1/4	QCFKF			GS8106850
PS-3543	C	1	2.375	1-5/8	VCFZF	316SS/I		GS5098409
<b>AMPRO-DIACLEAR</b>								
PS-163	B	1	1.000	1/2	BMFJF		Dia Cast, Lexan®-200 Series	AP-504D
PS-1000	B	1	1.250	5/8	BMFJF		Dura-Flo®, Noryl® Turbo, XL 600	AP-304D
<b>ANTHONY &amp; SYLVAN</b>								
PS-100	A	1	1.187	5/8	BMFJF			04547
PS-1000	B	1	1.250	5/8	BMFJF			04380



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>A.O. SMITH CORP.</b>								
PS-162	A	1	1.000	1/2	BMFJF			55831, 64135
PS-506	A	1	1.000	1/2	BMFKF			9708-1, 9708-4
PS-752	D	1	1.375	3/4	BCDKF			
<b>APOLLO DENTAL PRODUCTS, INC.</b>								
PS-218	A	—	—	5/8	BCF-F			MMS71110
PS-4323	C	3	1.187	3/4	BCFJF	H		MMS71102 / MMS71107

Value Guard Part No.	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>APV® CENTRIFUGAL PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>W 20/20, 25/75, 30/25, 30/50, 40/20, 50/25 - Non-Flushed</b>				
VGFS-1000	Single	25MM	QCFLF	179644
VGFS-1001	Single	25MM	QLFLF	179645
VGFS-1002	Single	25MM	VCFLF	179647
VGFS-1003	Single	25MM	VLFLF	179648
VGFS-1004	Single	25MM	BCFLF	771661
VGFS-1005	Single	25MM	BLFLF	771662
<b>W 20/20, 25/75, 30/25, 30/50, 40/20, 50/25 - Flushed</b>				
VGFS-1006	Double	25MM	QCFLF	179656
VGFS-1007	Double	25MM	QC/LFLF	179657
VGFS-1008	Double	25MM	VCFLF	179659
VGFS-1009	Double	25MM	VC/LFLF	771660
VGFS-1010	Double	25MM	BCFLF	771679
VGFS-1011	Double	25MM	BC/LFLF	771680
<b>W 30/100, 50/50, 50/100, 60/300, 70/30, 80/50, 100/130 - Non-Flushed</b>				
VGFS-1020	Single	35MM	QCFLF	179650
VGFS-1021	Single	35MM	QLFLF	179651
VGFS-1022	Single	35MM	VCFLF	771653
VGFS-1023	Single	35MM	VLFLF	771654
VGFS-1024	Single	35MM	BCFLF	771670
VGFS-1025	Single	35MM	BLFLF	771671
<b>W 30/100, 50/50, 50/100, 60/300, 70/30, 80/50, 100/130 - Flushed</b>				
VGFS-1026	Double	35MM	QCFLF	179662
VGFS-1027	Double	35MM	QC/LFLF	179663
VGFS-1028	Double	35MM	VCFLF	179665
VGFS-1029	Double	35MM	VC/LFLF	179666
<b>W+ 10/8, 22/20, 30/80, 35/35, 35/55, 50/8, 55/35 - Non-Flushed</b>				
VGFS-1030	Single	25MM	QC-L-	772461
VGFS-1031	Single	25MM	VC-L-	772462
VGFS-1032	Single	25MM	QL-L-	772463
VGFS-1033	Single	25MM	VL-L-	772464
<b>W+ 25/210, 30/120, 30/180, 55/60, 60/110, 65/350, 70/40, 80/80, 110/130 - Non-Flushed</b>				
VGFS-1040	Single	35MM	QC-L-	772466
VGFS-1041	Single	35MM	VC-L-	772467
VGFS-1042	Single	35MM	QL-L-	772468
VGFS-1043	Single	35MM	VL-L-	772469



VGFS-1000



VGFS-1006  
With Common Seat




VGFS-1042

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AQUA-CHEM</b>								
PS-358	C	1	1.375	3/4	BCFJF			925-7520
PS-235	C	1	1.625	1	BCFJF			925-7526
PS-251	E	3	1.625	1	BCFKF			925-7509
PS-618	C	3	1.875	1-1/4	BCFJF			925-7563
PS-177	C	1	2.000	1-3/8	BCFJF			925-7523
PS-2114	C	3	2.625	1-7/8	BCFJF			925-7562

NOTE: H. SPRING HOLDER NOT INCLUDED

# PUMP MANUFACTURERS' CROSS-REFERENCE

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

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ARBEE CORP.</b>								
PS-235	C	1	1.625	1	BCFJF			
PS-351	E	1	3.125	2-1/4	BCDKF			
<b>ARDE BARINCO, INC.</b>								
PS-3065	K	1	1.625	1	VCFRF			A315-18V
PS-3765	K	1	3.000	2-1/8	VCFRF			A63-18V
<b>ARMSTRONG PUMPS, INC.</b>								
PS-8066	X Special	1	.864	1/4	QCFLF		Gemini / 10	180200-277, 880200-277
PS-401A	C	1	.938	1/2	BCFJF	N		816549-091
PS-3844	C	1	.938	1/2	BCFJF			816706-001, 816706-002 816706-021, 916706-021
PS-392	C	1	.938	1/2	B/QMFJF			816032-000
PS-3843	C	1	.938	1/2	VCFJF			116706-021, 116706-023 816706-003, 816706-004 816706-023, 916706-023
PS-359V-CMS	C	1	1.250	5/8	VCFJF			810134-000, 910134-000
PS-358V	C	3	1.375	3/4	VCFJF			816707-001, 816707-002
PS-752	D	1	1.375	3/4	BCDKF			
PS-750V-CMS-P66	D	1	1.375	3/4	VCDJF	I		116707-003, 116707-004
PS-750V	D	3	1.375	3/4	VCDJF			816707-003
PS-8006	XB2	27	2.375	1-1/8	VCFJF	316SS		975002-003
PS-3029	C	1	1.750	1-1/4	BCFJF	B		975000-958
PS-979	C	1	1.765	1-1/4	BCFKF	B		
PS-185-EPR-P66	C	1	1.875	1-1/4	QCFJF	I		975000-991
PS-618-EPR-P66	C	3	1.875	1-1/4	QCFJF	I		810150-125
PS-2203	C	3	1.875	1-1/4	QCFKF	I		
PS-976	D	1	1.765	1-1/4	BCFJF			825458-001
PS-977	D	1	1.765	1-1/4	BCFKF			
PS-3023	D	1	1.875	1-1/4	QCFLF	I		975000-981, 975000-982 9975000-981
PS-517	D	3	1.875	1-1/4	BCFKF			810150-137
PS-517-TC-SEAT	D	3	1.875	1-1/4	BCFZF			810150-133
PS-383V	D	3	1.875	1-1/4	VCFKF			810150-127
PS-3030	C	1	2.375	1-5/8	QCFJF	I		975000-993
PS-7017	C	3	2.375	1-5/8	QCFKF	I		975000-961
PS-514	D	1	2.375	1-5/8	BCDJF			
PS-461	D	1	2.375	1-5/8	BCDKF			
PS-3025	D	1	2.375	1-5/8	QCFLF	I		975000-983, 975000-984 9975000-983
PS-8040	XB2	27	2.843	1-5/8	VCFJF	316SS		975000-956, 975002-033 425920-001
PS-205	E	1	2.500	1-3/4	BCFJF			
PS-338-EPR	C	3	3.000	2-1/8	QCFJF	S		975000-997, 9975000-997
PS-543V	C	3	3.000	2-1/8	VCFKF			D101166-108
PS-3035	D	1	3.000	2-1/8	QCFLF	I		975000-985, 975000-987 9975000-987
PS-8035	XB2	27	3.375	2-1/8	VCFJF	316SS		975000-957, 975002-073
PS-853	C	3	3.375	2-1/2	BCFKF		Model 4600 12x10x12.5	D101166-010

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

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Head			Seal Size	Material Code	Notes		Mfg. Part No.
<b>ARMSTRONG PUMPS, INC. - Series 4300</b>								
VG-975002304	VGXB2			1-1/8	XCFLF	316SS		975002-304
VG-975002334	VGXB2			1-5/8	XCFLF	316SS		975002-334
VG-975002374	VGXB2			2-1/8	XCFLF	316SS		975002-374
VG-975002394	VGXB2			2-5/8	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.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ARNESON PRODUCTS, INC.</b>								
PS-200	A	1	1.250	5/8	BMFJF		Pool Sweep	A-8

**ASTRAL POOL**

PS-200	A	1	1.250	5/8	BMFJF		Astramax	Series 1800
PS-1000	B	1	1.250	5/8	BMFJF		Sena	Series 1600

**ATLANTIC FLUIDICS (Div. of TUTHILL CORP.)**

PS-1000	B	1	1.250	5/8	BMFJF			
PS-601	B	1	1.375	3/4	BMFJF			
PS-356	C	1	1.750	1-1/8	BCFJF			
PS-185	C	1	1.875	1-1/4	BCFJF			
PS-177	C	1	2.000	1-3/8	BCFJF			

**AURORA PUMP (Div. of PENTAIR)**

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

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

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AURORA PUMP (Div. of PENTAIR) (continued)</b>								
PS-3167	D	1	1.625	25MM	VCFZF	I		712-6452-727
PS-380	D	1	1.625	1	BCFJF			712-0709-754
PS-3900	D	1	1.625	1	BCDKF	H/I		712-6452-755
PS-460-P66	D	1	1.625	1	BCFKF	I		712-0709-755
PS-356	C	1	1.750	1-1/8	BCFJF		BC, BCH, BCV, BCF and GBH w/ Frames 56 thru 256U. Type: GBHA & GBVA w/Mtr. Frs. 143T, 145T, 182T & 184T. Type: GBPA w/Power Frame 1. Type OJ Power Series, 2 x 2 1/2 x 9-10-12	712-0907-753
PS-355-P66	C	1	1.750	1-1/8	BCFKF	I		712-0907-749
PS-7325	C	1	1.750	1-1/8	QCFZF	I		712-0907-769
PS-356V-CMS	C	1	1.750	1-1/8	VCFJF			712-0907-764
PS-355V-CMS	C	1	1.750	1-1/8	VCFKF			712-0907-745
PS-801	C	3	1.750	1-1/8	B/VCFJF			712-2732-753
PS-2226	C	3	1.750	1-1/8	QCFZF	I		712-0937-769
PS-384	E	1	1.750	1-1/8	BCFKF			712-0454-749
PS-867	E	3	1.750	1-1/8	BCFKF			712-0354-756
PS-3163	E	5	1.750	1-1/8	BCFZF	316SS/I		712-1431-737
PS-3109	E	5	1.750	1-1/8	QCDZF	I		712-1431-769
PS-136	D	1	1.875	30MM	BCDJF		# 6 Series Turbine Pump	712-0713-754
PS-1179-P66	D	1	1.875	30MM	BCDKF	I		712-0713-755
PS-1179V-P66	D	1	1.875	30MM	VCDKF	I		712-0713-774
PS-3938	D	1	1.875	30MM	VCFZF	I		712-0713-727
PS-306	E	1	1.875	1-3/16	BCDJF		GGU, KCM, KCMF, KGG, KU, KUF	712-0305-754
PS-185	C	1	1.875	1-1/4	BCFJF			712-0908-753
PS-137	E	1	1.875	1-1/4	BCFKF		GMC & GAC	712-0306-755
PS-758	C	1	2.125	1-1/2	BCFJF		BC, BCH, BCV & GBH W/Motor Frame 284U & Up. GBHA & GBVA w/ Motor. F. 213T & Up. Type OJ Power Series #2.	712-1010-753
PS-2232	C	1	2.125	1-1/2	BCFKF	I		712-0910-749
PS-3166	C	1	2.125	1-1/2	BZFLF	316SS		
PS-2209	C	1	2.125	1-1/2	BZFZF			712-0910-678
PS-4171	C	1	2.125	1-1/2	QCFKF	I		
PS-3224	C	1	2.125	1-1/2	QCFZF			712-0910-769
PS-3165	C	1	2.125	1-1/2	VCFJF	I		712-0910-764
PS-3141	C	1	2.125	1-1/2	VCFKF	I	Shorter Free Spring Length	712-0910-745
PS-7747	C	1	2.125	1-1/2	VCFZF	I		712-0910-767
PS-3174	C	3	2.125	1-1/2	BCFKF		Shorter Spring than PS-553	712-0940-749
PS-3160	C	3	2.125	1-1/2	QCFZF	I		712-0940-769
PS-758V	C	3	2.125	1-1/2	VCFJF			
PS-382	D	1	2.125	1-1/2	BCFJF			712-0718-754
PS-305	E	1	2.125	1-1/2	BCFJF			
PS-7933	E	1	2.125	1-1/2	QCFZF	I		712-0409-769
PS-395	E	3	2.125	1-1/2	BCFJF			712-0459-753
PS-258	E	3	2.125	1-1/2	BCFKF			712-0359-753
PS-7562	E	3	2.125	1-1/2	QCFZF	I		712-0359-769
PS-305V	E	3	2.125	1-1/2	VCFJF			712-0359-764
PS-4368	E	5	2.125	1-1/2	QCFZF	I		712-1432-769
PS-664	E	3	2.375	1-9/16	BCDJF			712-0310-754
PS-238	C	1	2.375	1-5/8	BCFJF			712-0911-753
PS-446	C	1	2.500	1-3/4	BCFJF		Type OJ Power Series # 4	712-1012-753
PS-448-P66	C	1	2.500	1-3/4	BCFKF	I		712-1012-749
PS-446V-CMS	C	1	2.500	1-3/4	VCFJF			712-1012-764
PS-4153	C	1	2.500	1-3/4	VCFJF	316SS		2158210SC-01
PS-448V-TC-P66	C	1	2.500	1-3/4	VCFZF	I		712-0912-767

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AURORA PUMP (Div. of PENTAIR) (continued)</b>								
PS-7820	C	1	2.500	1-3/4	VLFLF			712-1012-576
PS-436-P66	C	3	2.500	1-3/4	BCFKF	I		712-1042-749
PS-7035	C	3	2.500	1-3/4	QCFZF	I		712-1042-769
PS-3177	E	1	2.500	1-3/4	BCFKF	I		712-0412-749
PS-7736	E	1	2.500	1-3/4	QCFZF	I		712-0412-769 712-0462-769
PS-366V-CMS-P66	E	1	2.500	1-3/4	VCFKF	I		712-0412-745
PS-535	E	3	2.500	1-3/4	BCFJF			712-0462-753
PS-4429	E	5	2.500	1-3/4	BCFZF	I		712-1433-747
PS-4372	E	5	2.500	1-3/4	QCFZF	I		712-1433-769
PS-267	C	1	2.750	2	BCFJF		Type OJ Power Series # 4	712-1014-753
PS-842-P66	C	1	2.750	2	BCFKF	I		712-1014-749
PS-2219	C	1	2.750	2	BZFZF			712-1014-678
PS-267V-CMS	C	1	2.750	2	VCFJF			712-1014-764
PS-842V-P66-CMS	C	1	2.750	2	VCFKF	I		712-1014-745
PS-332	C	3	2.750	2	BCFKF			712-1044-749
PS-479V	E	3	2.750	2	VCFJF			
PS-3708	E	5	2.750	2	BCFZF	I		712-1434-747
PS-3108	E	5	2.750	2	QCFZF	I		712-1434-769
PS-1678	C	3	3.125	2-1/4	BCFJF			
PS-3075	E	3	3.281	2-1/4	BZFZF			712-6409-678
PS-7766	K	3	3.125	2-1/4	BCFJF			712-6478-753
PS-7060	K	3	3.281	2-1/4	BCFKF	I		712-6410-749
PS-3210	V	3	.562/.750	2-1/4	BCFKF	I		712-6411-749
PS-268-CMS	C	1	3.250	2-3/8	BCFJF			712-1017-753
PS-492-CMS-P66	C	1	3.250	2-3/8	BCFKF	I		712-0917-749 712-1017-749 712-2717-749
PS-268	C	3	3.250	2-3/8	BCFJF		Type OJ Power Series # 5	712-1047-753
PS-492	C	3	3.250	2-3/8	BCFKF			712-1047-749
PS-492-P66	C	3	3.250	2-3/8	BCFKF	I		712-1017-749
PS-3127	C	3	3.250	2-3/8	VCFJF	I		712-1047-764
PS-278	E	3	3.250	2-3/8	BCFJF			712-0467-753
PS-350	E	3	3.250	2-3/8	BCFKF			712-0462-756 712-0467-756
PS-278V	E	3	3.250	2-3/8	VCFJF			712-0467-764
PS-4006	E	5	3.250	2-3/8	BCFZF	I		712-1435-747
PS-3187	E	5	3.250	2-3/8	QCFZF	I		712-1435-769
PS-269	C	3	3.375	2-1/2	BCFJF		SPHER-Flo Series 4A-4B	712-1048-753 712-1012-739
PS-3924	E	3	3.250	2-1/2	BCPKF			712-6390-756
PS-279	E	3	3.375	2-1/2	BCFJF			712-0468-753
PS-349	E	3	3.375	2-1/2	BCFKF			712-0468-756
PS-2205	E	3	3.375	2-1/2	BCFKF	I		712-0468-755
PS-2205-EPR	E	3	3.375	2-1/2	QCFKF	I		
PS-3164	E	5	3.375	2-1/2	BCFZF	I		712-1436-747
PS-1695	K	3	3.375	2-1/2	BCFKF			712-2743-749
PS-270	C	3	3.750	2-7/8	BCFJF		Type OJ Power Series # 6	
PS-841-P66	E	3	3.750	2-7/8	BCFKF	I		712-0471-755
PS-2116	C	3	3.875	3	BCFJF			712-7010-739
PS-3836	U	3	3.875	3	BCFJF			712-7038-753
PS-3553	T	3	4.781	3-5/8	BCFKF	I		712-6415-749
PS-8054	V	3	4.781	3-5/8	BCFKF	I		712-6416-749
PS-272	C	3	4.625	3-3/4	BCFJF		SPHER-Flo Series 5A, 5B, 5C, 5D	
PS-4414	V	3	6.781	5	BCFKF			712-6421-749

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Bore Size	Seal Size	Material Code	Mfg. Part No.
<b>AURORA PUMP - REPLACEMENT SEAL KITS</b>				
VGK-1124	Small	1-1/8	BCFKF	476-0250-644
VGK-1126	Small	1-1/8	VCFKF	
VGK-1127	Small	1-1/8	BCFJF	
VGK-1128	Small	1-1/8	VCFJF	
VGK-1125	Large	1-1/2	BCFKF	476-0253-644
VGK-1129	Large	1-1/2	VCFKF	
VGK-1130	Large	1-1/2	BCFJF	
VGK-1131	Large	1-1/2	VCFJF	

- Kits include gaskets, pins, o-rings, sleeve, and mechanical seal.
- Aurora 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.



VGK-1125

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>AUTOMATIC ICE &amp; BEVERAGE - (Ice Machines)</b>								
PS-6312	Q	Special	1.625	1	BMPAP			9121026-91
<b>BAKER-HYDRO (Div. of WATERCO)</b>								
PS-200	A	1	1.250	5/8	BMFJF			35B1178
PS-3985	B	1	1.375	3/4	BCFJF	316SS		634016
<b>BAKER MFG. CO.</b>								
PS-1050	C	—	—	1/2	BCF-F			E93B
FA-10033	C	—	—	1/2	VCF-F			E93V
PS-3172	C	3	1.000	1/2	BCFKF			E18AM
PS-933V	C	—	—	5/8	VCF-F			F93V
PS-732	C	3	1.250	5/8	BCFKF			F18AM, F18AMP
PS-3133	C	3	1.250	5/8	NCFKF			F18CMS
PS-359V	C	3	1.250	5/8	VCFJF			F18FMV
PS-633V	C	3	1.250	5/8	VCFKF			F18BMVP
PS-3132	D	3	1.250	5/8	NCFLF			F18MNN
PS-208	C	—	—	7/8	BCF-F			H93B
PS-617	C	3	1.500	7/8	BCFKF			H18AM, H18AMP
PS-309V	C	3	1.500	7/8	VCFJF			H18FMV
PS-687V	C	3	1.500	7/8	VCFKF			H18BMV, H18BMVF H18BMVP
PS-4318	D	3	1.500	7/8	NCFLF			H18MNN
PS-3116	D	3	1.500	7/8	VCFLF	316SS		H18MNV
<b>BALDOR RELIANCE (Member of the ABB GROUP)</b>								
PS-356	C	1	1.750	1-1/8	BCFJF			64262-12L
PS-185	C	1	1.875	1-1/4	BCFJF		Motor Frame 140	64262-12A
PS-2208	C	1	1.875	1-1/4	BZFZF		Motor Frame 140	64262-20A
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF		Motor Frame 140	64262-13A
PS-185V-TC-TC	C	1	1.875	1-1/4	VZFZF		Motor Frame 140	64262-20AA
PS-618-TC-TC	C	3	1.875	1-1/4	BZFZF		Motor Frame 140	64262-15E
PS-618V-TC-SEAT	C	3	1.875	1-1/4	VCFZF			64262-23A
PS-381	D	1	1.875	1-1/4	BCFJF		Motor Frame 140	64262-8A
PS-381-SC-SC	D	1	1.875	1-1/4	BLFLF			64262-39A
PS-6229	K	3	1.875	1-1/4	BCFJF	316SS		64262-41D

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BALDOR RELIANCE (Member of the ABB GROUP) (continued)</b>								
PS-4134	X Special	Special	1.875	1-3/8	B/NCPGF			64147-24R
PS-758	C	1	2.125	1-1/2	BCFJF		Motor Frame 140 or 180	64262-12B
PS-758-SC-SC	C	1	2.125	1-1/2	BLFLF		Motor Frame 140 or 180	64262-39B
PS-2209	C	1	2.125	1-1/2	BZFZF		Motor Frame 140 or 180	64262-20B
PS-7409	C	1	2.125	1-1/2	VCFJF	316SS	Motor Frame 140 or 180	64262-13B
PS-758V-SC-SC	C	1	2.125	1-1/2	VLFLF		Motor Frame 140 or 180	64262-39BB
PS-659V-TC-VS-TC	C	1	2.125	1-1/2	VZFZF		Motor Frame 140 or 180	64262-20BB
PS-382	D	1	2.125	1-1/2	BCFJF		Motor Frame 140 or 180	64262-8B
PS-446	C	1	2.500	1-3/4	BCFJF		Motor Frame 180 or 210	64262-12C
PS-6210	C	1	2.500	1-3/4	BZFZF		Motor Frame 180 or 210	64262-20C
PS-446V-CMS	C	1	2.500	1-3/4	VCFJF		Motor Frame 180 or 210	64262-13C
PS-7820	C	1	2.500	1-3/4	VLFLF		Motor Frame 180 or 210	64262-39CC
PS-446V-TC-TC	C	1	2.500	1-3/4	VZFZF		Motor Frame 180 or 210	64262-20CC
PS-436-SC-SC	C	3	2.500	1-3/4	BLFLF		Motor Frame 180 or 210	64262-39C
PS-436-TC-TC	C	3	2.500	1-3/4	BZFZF		Motor Frame 140 or 180	64262-15C
PS-2207	C	3	2.500	1-3/4	VCFZF		Motor Frame 180 or 210	64262-23C
PS-237	D	1	2.500	1-3/4	BCDJF		Motor Frame 180 or 210	64262-8C
PS-6217	D	1	2.500	1-3/4	VZFLF	316SS	Motor Frame 180 or 210	64262-25CC
PS-267	C	1	2.750	2	BCFJF		Motor Frame 210 or 250	64262-12D
PS-267-SC-SC-CMS	C	1	2.750	2	BLFLF		Motor Frame 210 or 250	64262-39D
PS-2219	C	1	2.750	2	BZFZF		Motor Frame 210 or 250	64262-20D
PS-267V-CMS	C	1	2.750	2	VCFJF		Motor Frame 210 or 250	64262-13D
PS-6224	C	1	2.750	2	VLFLF		Motor Frame 210 or 250	64262-39DD
PS-6218	C	1	2.750	2	VZFZF		Motor Frame 210 or 250	64262-25DD
PS-6213	C	1	2.750	2	VZFZF	316SS	Motor Frame 210 or 250	64262-20DD
PS-267V-TC-SEAT	C	3	2.750	2	VCFJF		Motor Frame 210 or 250	64262-23D
PS-2143	K	1	2.750	2	BCFJF			
PS-7196	K	3	2.750	2	BCFJF	S		64262-41E
PS-1057	C	3	3.000	2-1/8	B/VCFKF			611725-5B
PS-1679	C	1	3.125	2-1/4	BCFJF		Motor Frame 250	64262-12E
PS-3182	C	1	3.125	2-1/4	BLFLF		Motor Frame 250	64262-39E
PS-7064	C	1	3.125	2-1/4	BZFZF		Motor Frame 250	64262-20E
PS-1678V	C	3	3.125	2-1/4	VCFJF		Motor Frame 250	64262-13E
PS-6233	C	3	3.125	2-1/4	VCFLF			64262-67A
PS-7766	K	3	3.125	2-1/4	BCFJF			64262-41C
PS-6205	C	1	3.500	2-3/4	BCFJF		Motor Frame 320	64262-18F
PS-6220	C	1	3.500	2-3/4	BZFLF		Motor Frame 320	64262-25N
PS-6908	C	1	3.500	2-3/4	BZFZF		Motor Frame 320	64262-20N
PS-6207	C	3	3.500	2-3/4	VCFJF		Motor Frame 320	64262-18N
PS-483V-TC-SEAT	C	3	3.500	2-3/4	VCFZF			64262-23G
PS-2154V-TC-TC	C	3	3.500	2-3/4	VZFZF		Motor Frame 320	64262-20NN
PS-2153-SC-SC-CMS	C	1	3.875	3	BLFLF		Motor Frame 320	64262-39M
PS-7875	C	1	3.875	3	BZFZF		Motor Frame 360	64262-20H
PS-7998	C	1	3.875	3	BZFZF		Motor Frame 360	64262-20M
PS-3539	C	1	3.875	3	VZFZF		Motor Frame 360	64262-20MM
PS-6214	C	1	3.875	3	VZFZF		Motor Frame 320	64262-20HH
PS-2116	C	3	3.875	3	BCFJF		Motor Frame 360	64262-12G
PS-2153	C	3	3.875	3	BCFJF		Motor Frame 320	64262-18G
PS-6206V	C	3	3.875	3	VCFJF		Motor Frame 320	64262-18L
PS-3232	C	3	3.875	3	VCFZF			64262-23H
PS-6225	C	3	3.875	3	VLFLF		Motor Frame 360	64262-39HH
PS-3231	C	3	3.875	3	VZFLF			64262-25H
PS-6202	D	1	3.875	3	BZFZF		Motor Frame 360	64262-8H, 64262-62HH
PS-6232	D	3	3.875	3	VZFLF		Motor Frame 360	64262-62AA
PS-6228	K	3	3.875	3	VCFJF			64262-41B
PS-6226	C	3	4.125	3-1/4	VLFLF		Motor Frame 360	64262-39KK
PS-7172	D	3	4.125	3-1/4	BCFJF		Motor Frame 360	64262-8J, 64262-63C
PS-3827	D	3	4.125	3-1/4	BZFZF		Motor Frame 360	64262-8K and 20K
PS-6201	D	3	4.125	3-1/4	VCFJF		Motor Frame 360	64262-8F and 36KK
PS-6227	K	3	4.125	3-1/4	VCFJF			64262-41A
PS-6204	C	3	4.375	3-1/2	BCFJF			64262-12K

NOTE: S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BALDOR RELIANCE (Member of the ABB GROUP) (continued)</b>								
PS-6221	D	3	4.375	3-1/2	V/BZFFZ			64262-33A
PS-3745	D	3	4.375	3-1/2	VZFFZ			64262-37PP
PS-6203	D	3	4.625	3-3/4	VCFJF			64262-8M
PS-6231	D	3	6.375	5-3/8	VZFLF			64262-43F
PS-6230	D	3	6.625	5-5/8	VCFJF			64262-42D
<b>BALDWIN-LIMA-HAMILTON (PATTERSON PUMP CO.)</b>								
PS-371	D	1	2.125	1-1/2	BCFKF			600-28-267
PS-288	D	1	2.500	1-3/4	BCDKF			600-28-284
<b>BALTIMORE AIRCOIL CO.</b>								
PS-299	A	—	—	5/8	BMF-F			300329
PS-974	A	—	—	3/4	BCF-F			300331
<b>BALZER, INC.</b>								
PS-618	C	3	1.875	1-1/4	BCFJF			33013
PS-598-SC-SC	C	3	1.875	1-1/4	BLFLF			36755
<b>BANJO CORP.</b>								
PS-3985	B	1	1.375	3/4	BCFJF	316SS		12713BN, 12733BN
PS-4056	B	1	1.375	3/4	QCFJF		150P3, 200P3 & 5	12713, 12733
PS-3986	B	1	1.375	3/4	VCFJF			12713V, 12733V
PS-601V	B	3	1.375	3/4	VCFJF			127135
PS-3785	C	1	1.625	1	VCFJF		150/200-P1-3, 200P1-5	17035, 17135
PS-3959	K	1	1.625	1	VCFJF			17235
PS-3813	C	1	2.125	1-1/2	VCFJF	B/H	300-P1-8, 300PB/PO1	18025, 18125
<b>BARNARD-LEAS MFG.</b>								
PS-200V	A	3	1.250	5/8	VCFJF			5-0-17
<b>BARNES, JOHN S.</b>								
PS-400	C	—	—	1/2	BMF-F			PA-4947
PS-933	C	—	—	5/8	BCF-F			PA-2408
PS-508	D	1	1.250	5/8	BCDJF			5080
PS-358	C	1	1.375	3/4	BCFJF		3SE2042L	67562
PS-578	D	—	—	7/8	BCD-F			PA-2421
PS-397	C	—	—	1	BCF-F			PA-1525
PS-348	C	—	—	1-1/8	BCF-F			PA-4386
PS-383	D	1	1.875	1-1/4	BCFKF			Y-42
PS-461	D	1	2.375	1-5/8	BCDKF			Y-45
PS-223	D	—	—	1-7/8	BCD-F			PA-3684
<b>BEACH RUSS</b>								
PS-400	C	—	—	1/2	BMF-F			
PS-678	K	—	—	5/8	BCF-F			
PS-564	C	—	—	3/4	BCF-F			
PS-145	K	—	—	3/4	BCF-F			
PS-141	R	—	—	1	BCF-F			
PS-185	C	1	1.875	1-1/4	BCFJF			
<b>BELL &amp; GOSSETT</b>								
PS-8066	X Special	1	.864	1/4	QCFLF			189144
PS-400A	—	1	.938	1/2	B--J-			118619
PS-401	C	—	—	1/2	BCF-F	N		118614
PS-400	C	—	—	1/2	BMF-F		Cast Iron 3/4 thru 3 Booster Pumps Type: E and H1 Type: E1, 1-1/4, 1-1/2HV	PZ-3118-118680 PZ-4118
PS-401A	C	1	.938	1/2	BCFJF	N	For PD-35, PD-37 Series 1522	Kit #3, 186681
PS-393	C	1	.938	1/2	BMFKF			
PS-392	C	1	.938	1/2	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	C	1	1.125	1/2	BMFJF			Kit #20
PS-4349	G	1	.938	1/2	QLFLF			P86261
PS-516	A	1	1.250	5/8	BCFJF			DP0304



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BELL &amp; GOSSETT (continued)</b>								
PS-200	A	1	1.250	5/8	BMFJF			180013
PS-118	C	1	1.187	5/8	BCFJF			186879
PS-359	C	1	1.250	5/8	BCFJF			
PS-2160	C	1	1.250	5/8	BCFJF			DP0302, 180014
PS-399	D	—	—	3/4	BCD-F			PW2Z-3188 P-18008-0601
PS-437	D	1	1.275	3/4	BCDJF		1512-PD-39, BPD-39 and 60A	Kit #2, 172553, 185260 186433, 186499
PS-4098	D	1	1.275	3/4	QCDJF			
PS-4024	G	1	1.275	3/4	QLFLF			P86262
PS-309	C	1	1.500	7/8	BCFJF			DP0294
PS-397	C	—	—	1	BCF-F			
PS-235	C	1	1.625	1	BCFJF			180011, 650PF
PS-398	D	—	—	1	BCF-F			PW1Z-4118
PS-348	C	—	—	1-1/8	BCF-F			PHD-118A
PS-356	C	1	1.750	1-1/8	BCFJF			180017
PS-3712	D	3	1.750	1-1/8	VCFZF	I		DP0476
PS-384	E	1	1.750	1-1/8	BCFKF			
PS-978	C	1	1.765	1-1/4	BCFJF	B	All Iron-Series 1510, 1515, 1531 (Small Frame) Types M1 and M2	186860, 186862
PS-979	C	1	1.765	1-1/4	BCFKF	B		
PS-978-EPR-TC	C	1	1.765	1-1/4	QCFZF	B		186861
PS-978-EPR-SC-SC	C	1	1.765	1-1/4	QLFLF	B		P75423
PS-4204	C	1	1.765	1-1/4	QRFLF			
PS-978V	C	1	1.765	1-1/4	VCFJF	B		185060
PS-185-P66	C	1	1.875	1-1/4	BCFJF	I		P70511
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			P70513, 186877
PS-416	D	—	—	1-1/4	BCF-F			
PS-976	D	1	1.765	1-1/4	BCFJF		Series 1510, 1515, 1531 Universal (Small Frame) Types M1 and M2	Kit #1 185011, 186680
PS-977	D	1	1.765	1-1/4	BCFKF			
PS-6261	G	1	1.875	1-1/4	QCFJF	316SS/I		P75221
PS-6260	G	1	1.875	1-1/4	QCFZF	316SS/I		P75223
PS-6264	G	1	1.875	1-1/4	VCFJF	316SS/I		P75225
PS-172	C	—	—	1-3/8	BCF-F			AC5228
FA-10166	C	—	—	1-3/8	BCF-F	I		P63336
PS-177	C	1	2.000	1-3/8	BCFJF			52-115-605-801 / DP 0298
PS-376-EPR-P66	D	—	—	1-3/8	QCD-F	I		P63316
PS-491	D	1	2.000	1-3/8	BCDJF			186827
PS-186	D	1	2.000	1-3/8	BCDKF		VSC 4 x 4 x 9-3/4, 5 x 5 x 9-3/4, 5 x 5 x 12, 6 x 6 x 9-3/4	P77084
PS-7803	D	1	2.000	1-3/8	QCDZF	I		186834
PS-186V	D	1	2.000	1-3/8	VCDKF			
PS-224	E	3	2.125	1-1/2	NCFKF			
PS-238	C	1	2.375	1-5/8	BCFJF			186544
PS-3831	C	1	2.375	1-5/8	BCFJF	B		
PS-238-EPR	C	1	2.375	1-5/8	QCFJF			
PS-1019	C	3	2.625	1-5/8	BCFKF			185043
PS-4288	C	3	2.625	1-5/8	QCFZF			AC3048
PS-514	D	1	2.375	1-5/8	BCDJF		Series 1531, 1510 Universal (Large Frame) M2 and C	Kit #8, 186543
PS-461	D	1	2.375	1-5/8	BCDKF			Kit #8
PS-514-EPR-TC	D	1	2.375	1-5/8	QCDZF			185225
PS-6262	G	1	2.375	1-5/8	QCFJF	316SS/I		P75222
PS-6263	G	1	2.375	1-5/8	QCFZF	316SS/I		P75224
PS-2108	C	—	—	1-3/4	BCF-F			AC5229
FA-10168	C	—	—	1-3/4	BCF-F	I		P63337
PS-550	C	3	2.500	1-3/4	BCFJF			52-112-693-802
PS-446V	C	3	2.500	1-3/4	VCFJF			F4992S
PS-237	D	1	2.500	1-3/4	BCDJF			186826
PS-288	D	1	2.500	1-3/4	BCDKF		VSC 6 x 6 x 12, 8 x 8 x 10-1/2 & 13	P77033

**NOTE:** B. TAPERED SPRING  
I. ABRASION RESISTANT CARBON (P66)

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BELL &amp; GOSSETT (continued)</b>								
PS-7652	D	1	2.500	1-3/4	QCDZF	I		186835
FA-2000	C	—	—	2	BCF-F			AC0642, AC5230
PS-4345	C	3	3.000	2	BCFJF	I		P70517
PS-1020-EPR-P66	C	3	3.000	2	QCFKF	I		186574
PS-3027	C	3	3.000	2	QCFZF			AC3049
PS-4357	G	25	2.750	2	QCFLF		VSX	P5001889
PS-3019	G	25	2.750	2	QLFLF	316SS		P5001028
PS-3170	G	25	2.750	2	VCFLF	316SS		P5001890
PS-3020	G	3	3.000	2-1/8	QCFJF	316SS		P75396
PS-1676	C	3	3.125	2-1/4	BCFKF			52-118-949-802
PS-834	D	3	3.250	2-3/8	BCDJF		VSC 10 x 10 x 13, 12 x 12 x 13	186828
PS-594	D	3	3.250	2-3/8	BCDKF		VSC 10 x 10 x 13, 12 x 12 x 13	
PS-3804	G	25	3.375	2-1/2	QCFLF		VSX	P5001891
PS-4490	G	25	3.375	2-1/2	QLFLF	316SS		P5001086
PS-7909	D	3	3.375	2-5/8	BCFJF	I		P75572, 185377
PS-3188	D	3	3.375	2-5/8	QCFZF	316SS		185378
PS-328-P66	E	3	3.375	2-5/8	BCFJF	I		
PS-838	E	3	3.500	2-3/4	V/BCFJF			52-122-588-813
PS-3802	G	3	3.875	3	QCFLF		VSX-VSH 18 x 10 x 22A	P5001893
PS-3793	G	3	4.375	3-1/2	QCFLF		VSX-VSC 14 x 16 x 17	P5001895

Value Guard Part No.	Head	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BELL &amp; GOSSETT - Series 80-SC</b>						
VG-P75202	VGXB2	1-1/4	XCFLF	316SS		P75202
VG-975002334	VGXB2	1-5/8	XCFLF	316SS		P75203

**Features**

- External seal design
- Pressure balanced
- Handles temperatures to +450°F
- Set screw driven for positive drive



Type VGXB2

Value Guard Part No.	Head	Seal Size	Material Code	Pump Nameplate Data	Mfg. Part No.
<b>BELL &amp; GOSSETT - Models 80-S, 1510-S, 1531-S, VSC-S*, VSVS-S*</b>					
VG-P85070	VGRO	1-1/4	XZFCF		P85070
VG-185050	VGRO	1-5/8	XZFCF		185050
VG-185051	VGRO	2	XZFCF		185051
VG-185054	VGRO	2-5/8	XLFCF		185054
VG-185052	VGRO	2-5/8	XZFCF		185052
VG-185055	VGRO	3-3/4	XLFCF		185055
VG-185053	VGRO	3-3/4	XZFCF		185053

**\* Split Case Pumps - Require 2 Seals**

**Features**

- Handles temperatures to +450°F
- Set screw driven for positive drive
- Multiple springs create consistent face pressure
- Unitized rotating assembly simplifies installation



Type VGRO


# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BEMATEK SYSTEMS, INC.</b>								
FA-10047	C	—	—	2	VCF-F			20178-P2347
<b>BENNETT PUMP</b>								
PS-400	C	—	—	1/2	BMF-F			541-M-1003
PS-157	C	—	—	3/4	BCF-F			541-M-1001
<b>BERGSTROM MFG.</b>								
PS-3225	A	1	1.000	1/2	BCFJF			573630
<b>BERKELEY (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-516	A	1	1.250	5/8	BCFJF			S-20788, S-20789, S-20994
PS-200	A	1	1.250	5/8	BMFJF		New Style Mid-Jet S4 Models: HS, CIMPS, CIMPHS, CIXPS, CIXPRS, C1-1/4MPS, B1-1/2APKS, D1-1/2MPKS	S-08019, S-20790
PS-202	B	11	—	5/8	BMFJF	A	BM-3081 Mid-Jet 49-53 B1MRS, B1MRHS, B1XRHS, B1-1/4MRS, B1-1/2MRS	S-05053, S-05645 S-16844, S-20900 S-20996
PS-202V	B	11	—	5/8	VCFJF	A		S-18150
PS-3960	G	1	1.250	5/8	BCFJF			S-08019
PS-851	A	1	1.375	3/4	BCFJF			S-20794, S-21961
PS-973	A	1	1.375	3/4	BCFKF			S-22380
PS-201	A	1	1.375	3/4	BMFJF		New Style: C1-1/2TPLS, C2TPMS, C2-1/2TPMS, B1-1/2MQKS C2TPMS, C2-1/2TPMS, B1XQHS B1-1/4MQS, B1-1/2MQS	S-05646, S-20791 S-20792, S-21962
PS-921	A	1	1.375	3/4	BMFKF			S-20793, S-32280
PS-201V-CMS	A	1	1.375	3/4	VCFJF			S-18662
PS-440	B	11	—	3/4	BMFJF	A		S-20997
PS-7618	B	11	1.375	3/4	BCFJF			S-06405
PS-750	D	1	1.375	3/4	BCDJF		Model 142MPKS, 1-1/2MQKS	S-05647
PS-752	D	1	1.375	3/4	BCDKF			S-20780
PS-2008	D	1	1.375	3/4	BCFJF			S-20779
PS-360	A	1	1.625	1	BCFJF			S-08742, S-09583 S-20795, S-20796
PS-460	D	1	1.625	1	BCFKF			S-20781
PS-754	E	1	1.625	1	BCFJF			S-14867
PS-236	E	1	1.625	1	BCFKF			S-20764, S-20765
PS-356	C	1	1.750	1-1/8	BCFJF			S-32690
PS-2227	C	1	1.750	1-1/8	BCFJF			S-32689
PS-604	D	1	1.750	1-1/8	BCFJF			S-16812
PS-605	D	1	1.750	1-1/8	BCFKF			S-20783
PS-204	E	1	1.750	1-1/8	BCFJF		BZR, BZQ	S-07216
PS-384	E	1	1.750	1-1/8	BCFKF		BZR, BZQ	S-20767, S-20768, S-20995
PS-185	C	1	1.875	1-1/4	BCFJF			S-32014
PS-2122	C	1	1.875	1-1/4	BCFJF			S-32013
PS-381	D	1	1.875	1-1/4	BCFJF		Model 2TPKHS, 3TQKHS, 2TQKIS, 3TQKHS, 22TQKHS, 2TRKHS	S-05649, S-20784, S-20785
PS-383	D	1	1.875	1-1/4	BCFKF			S-20786
PS-361	E	1	1.875	1-1/4	BCFJF		All Models A Row Pump except 6YPH, 4EPBL & 6YP	S-05648, S-20770
PS-137	E	1	1.875	1-1/4	BCFKF			S-15368, S-20769
PS-1185	E	1	1.875	1-1/4	NCPJP			S-20771
PS-883	K	1	1.875	1-1/4	BCFJF			S-39485
PS-305	E	1	2.125	1-1/2	BCFJF		Models 6YPH, 4EPBL, B1-1/2TQLS, B2TQMS, 2-1/2TQMS, B3TQMS	S-05650 S-20774
PS-374	E	1	2.125	1-1/2	BCFKF			S-15385
PS-258	E	3	2.125	1-1/2	BCFKF			S-20773, S-20775
PS-374V	E	3	2.125	1-1/2	VCFKF			S-15538
PS-821	D	3	2.375	1-5/8	BCDJF			S-16656
PS-446	C	1	2.500	1-3/4	BCFJF			S-32015
PS-2142	C	1	2.500	1-3/4	BCFJF			S-32692
PS-237	D	1	2.500	1-3/4	BCDJF			S-16768
PS-288	D	1	2.500	1-3/4	BCDKF			

NOTE: A. MOUNTS ON SHAFT

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BERKELEY (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-205	E	1	2.500	1-3/4	BCFJF		"A" Row Pump, Model B3TPMS	S-07277, S-20776, S-20777
PS-366	E	1	2.500	1-3/4	BCFKF			
PS-593	D	3	2.625	1-7/8	BCDKF			S-20787, S-20993
PS-2069	E	1	2.625	1-7/8	BCFJF			S-15213, S-20778
PS-2072	E	3	2.625	1-7/8	BCFKF			S-20884
PS-479	E	1	2.750	2	BCFJF			S-13481
PS-4248	C	3	3.000	2-1/8	VCFJF	S		S-32016
PS-537	E	1	3.000	2-1/8	BCFJF			S-15894, S-15950
PS-353	E	1	3.000	2-1/8	BCFKF			S-16076
PS-327	E	3	3.000	2-1/8	BCFJF			S-17274
PS-835	D	3	3.375	2-1/2	BCDJF			S-18337
PS-463	D	3	3.375	2-1/2	BCDKF			S-30320

Value Guard Part No.	Head		Shaft MM	Material Code		Mfg. Part No.
<b>BJM PUMPS®</b>						
VGM-01325E	VGMA		20	BCFJF / BLFLF	 <p style="text-align: center;">Type VGMA</p>	M01325E
VGM-01325V	VGMA		20	VCFJF / VLFLF		M01325V
VGM-01352CV	VGMA		25	VCFJF / VLFLF		M01352CV
VGM-8030V *	VGM562		30	VCFJF / VLFLF		M01368V
VGM-01362E	VGMA		32	QCFJF / QLFLF		M01362E
VGM-01362V	VGMA		32	VCFJF / VLFLF		M01362V
VGM-01366E	VGMA		35	QCFJF / QLFLF		M01366E
VGM-01366V	VGMA		35	VCFJF / VLFLF		M01366V
VGM-1355 *	VGM562		45	BLFLF / BLFLF		M01355
VGM-1355V *	VGM562		45	VLFLF / VLFLF		M01355V
* Includes retaining plate						

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BLACKMER (Dover Corp.)</b>								
PS-303	D	1	1.500	7/8	BCDKF			333030
PS-9007	W	Special	2.156	1	TCFJF	316SS		333102
PS-9338	W	27	1.812	1-1/16	TCFKF			331277

<b>BLAKESLEE, INC. - (Dishwashers and Prep Equipment)</b>								
PS-235V	C	3	1.625	1	VCFJF		PUMPAKS Models 30-010 thru 30-023	32-036
PS-3401	Q	9	—	1	NMDKF	A		02255

<b>BOWSER</b>								
PS-564	C	—	—	3/4	BCF-F			27A09
PS-466	C	1	2.000	1-1/4	BCFJF			28A09

<b>BRADEN WINCH</b>								
PS-201	A	1	1.375	3/4	BMFJF			

<b>BSM PUMP CORP.</b>								
PS-358	C	1	1.375	3/4	BCFJF			466-142-1
PS-182	C	20	Plate	3/4	NCPGP		Models 3S, 53, 55, 103	713-9030-270
PS-235	C	1	1.625	1	BCFJF			466-137-1
PS-185	C	1	1.875	1-1/4	BCFJF			213-744-274
PS-185-P66	C	1	1.875	1-1/4	BCFJF	I		713-9245-270
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			466-292-1
PS-186	D	1	2.000	1-3/8	BCDKF			466-143-1
PS-237	D	1	2.500	1-3/4	BCDJF			213-752-274

<b>BUFFALO PUMPS</b>								
PS-290	C	1	1.250	5/8	BCFJF	N	Models BPL, BPM, BPO	CC-10900
PS-235	C	1	1.625	1	BCFJF		Models BPL, BPM, BPO	CC-10901
PS-384	E	1	1.750	1-1/8	BCFKF		Models 1-1/2, 2 & 3SL, 1-1/2 & 2SA w/ Solid Shafts, 2-1/2SW	
PS-137	E	1	1.875	1-1/4	BCFKF		1-1/2, 2 & 3SL, SA Sleeved	231-31-330

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>BUFFALO PUMPS (continued)</b>								
PS-2104	E	—	—	1-3/8	BCF-F			231-31-412, 231-31-1012 231-31-1573
PS-354	E	1	2.000	1-3/8	BCFJF			
PS-677	E	1	2.000	1-3/8	BCFKF			
PS-374	E	1	2.125	1-1/2	BCFKF		4SL, 3SA, 2RR, 284 Stage, 6SLH & 4HSM	
PS-744	E	1	2.375	1-5/8	BCDKF		5SL, 4S, Large Frame	13564-6
PS-340	C	1	2.625	1-7/8	BCFJF			231-31-435
PS-340-EPR-TC-CMS	C	1	2.625	1-7/8	QCFZF			231-31-1602
PS-2069	E	1	2.625	1-7/8	BCFJF			231-31-1357
PS-2070	E	1	2.625	1-7/8	BCFKF		6SL, 4RR, 6HSM, 2 STAGE D1 Dbl. Suction, 4SL Extra Heavy	13564-8
PS-2069-TC-SEAT	E	1	2.625	1-7/8	BCFZF			231-31-1278
PS-7869	E	1	2.625	1-7/8	QCFZF	I		231-31-1150
PS-279	E	3	3.375	2-1/2	BCFJF			231-31-1724
PS-349	E	3	3.375	2-1/2	BCFKF		Model 8SL	
PS-350	E	3	3.250	2-3/8	BCFKF		D2 Dbl. Suction Pumps, 6S & 6SU	
PS-321	E	3	3.500	2-3/4	V/BCFKF			231-31-410
<b>BURKS PUMPS (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-1002	C	1	1.000	1/2	BCFJF			21727
PS-200	A	1	1.250	5/8	BMFJF			17038
PS-290	C	1	1.250	5/8	BCFJF	N		8514, 23846
PS-290V	C	1	1.250	5/8	VCFJF	N		9652, 9676, 9762, 3CJSM
PS-2206	C	3	1.250	5/8	QCFKF			20764-C
PS-1156V	C	3	1.250	5/8	VCFKF			20498-C
PS-201	A	1	1.375	3/4	BMFJF			17039
PS-3149	C	1	1.375	3/4	BCFJF			08991
PS-358V	C	3	1.375	3/4	VCFJF			9813
PS-185	C	1	1.875	1-1/4	BCFJF			9917
PS-756-EPR	C	1	1.875	1-1/4	QCFKF			
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			9926
PS-598-EPR	C	3	1.875	1-1/4	QCFKF			23559
PS-381	D	1	1.875	1-1/4	BCFJF		33066-1-1/2	
PS-4044	C	1	2.125	1-3/8	BCFJF			
PS-238	C	1	2.375	1-5/8	BCFJF			21136
PS-238V-CMS	C	1	2.375	1-5/8	VCFJF			21189
PS-1068	C	1	2.500	1-3/4	BCFKF			M-3842-C
<b>BYRON JACKSON (Div. of FLOWERVE)</b>								
PS-775	D	3	1.500	7/8	BCDJF		Series 400	D-30903
PS-428	R	1	1.500	7/8	BCDJF		Series 400	D-30904
PS-2033	D	3	1.625	1	BCFJF		Series 513	D-30433
PS-8111	XB2	3	2.125	1-7/16	BCFKF	316SS		
PS-382	D	1	2.125	1-1/2	BCFJF			
<b>CAMAC INDUSTRIES</b>								
PS-358V-CMS	C	1	1.375	3/4	VCFJF			Series 50
PS-883V-CMS	K	1	1.875	1-1/4	VCFJF			254
<b>CAMERON COMPRESSION SYSTEMS</b>								
PS-185	C	1	1.875	1-1/4	BCFJF			2-01S-073-003
PS-1018	C	3	2.000	1-1/4	BCFKF			Z2-01S-140-001
PS-177	C	1	2.000	1-3/8	BCFJF			Z109-500
PS-3213	C	3	2.000	1-3/8	VCFKF	I		Z024-616
PS-239	C	1	2.375	1-5/8	BCFKF			2-01S-077-001
PS-535	E	3	2.500	1-3/4	BCFJF			ZJA-043-000
<b>CARLYLE COMPRESSOR CO.</b>								
PS-6058	E	Plate	Plate	1-1/2	NCPGP			

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

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CARTER PUMPS, INC.</b>								
PS-100	A	1	1.187	5/8	BMFJF			1S-5010
PS-200	A	1	1.250	5/8	BMFJF			1S-5005A, 1S-5054
PS-290	C	1	1.250	5/8	BCFJF	N		1S-5023, 1S-5035
PS-201	A	1	1.375	3/4	BMFJF			1S-5039
PS-360	A	1	1.625	1	BCFJF			2S-5050, 2S-5089 2S-5054, 2S-5112
PS-383	D	1	1.875	1-1/4	BCFKF			2S-5116, 2S-5119 3S-5239
PS-186	D	1	2.000	1-3/8	BCDKF			4S-5106, 4S-5151
PS-553	C	3	2.125	1-1/2	BCFKF			4S-5215
PS-446	C	1	2.500	1-3/4	BCFJF			4S-5052
PS-237	D	1	2.500	1-3/4	BCDJF			6S-5202
PS-288	D	1	2.500	1-3/4	BCDKF			5S-5029
<b>CARVER PUMP CO.</b>								
PS-200	A	1	1.250	5/8	BMFJF		B20-1, B1-2-1-1/4	
PS-359	C	1	1.250	5/8	BCFJF		BB20-1	
PS-201	A	1	1.375	3/4	BMFJF		K1/2, L20-11	
PS-358	C	1	1.375	3/4	BCFJF		Model T14C6	
PS-188	E	1	1.500	7/8	BCFJF			
PS-229	E	3	1.500	7/8	BCFKF			091-087-02-0212
PS-3507	E	3	1.500	7/8	VZFLF	316SS		091-087-02-02AQ
PS-360	A	1	1.625	1	BCFJF		KN-3LC	
PS-356	C	1	1.750	1-1/8	BCFJF		A300-810	
PS-627	C	1	1.750	1-1/8	BCFJF	B	26C6, 2-1/2YC7, 2YC7, 3YC9	
PS-185	C	1	1.875	1-1/4	BCFJF		K2L-20-9	
PS-525	C	3	1.875	1-1/4	BCFKF	B		
PS-466	C	1	2.000	1-1/4	BCFJF			090-125-01-0101
PS-466V	C	1	2.000	1-1/4	VCFJF			090-125-01-0103
PS-4131	C	1	2.000	1-1/4	VCFJF	316SS		090-125-01-0114
PS-3185	C	1	2.000	1-1/4	VCFKF			090-125-01-0104
PS-3178	C	1	2.000	1-1/4	VCFJF			090-125-01-0166
PS-381	D	1	1.875	1-1/4	BCFJF		KN-2H-2L-3N	
PS-1183-P66	E	3	1.875	1-1/4	BCFKF	I	Model 10P	090-125-02-0236
PS-4049	E	3	1.875	1-1/4	VCFJF	316SS	Model 10P	090-125-02-1269
PS-681	U	1	1.875	1-1/4	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	
PS-186	D	1	2.000	1-3/8	BCDKF		4GHC, 4GHB, 4B, 4BB	
PS-745	E	1	2.375	1-5/8	BCDJF			090-162-02-4608
PS-822	E	3	2.375	1-5/8	BCDKF			
PS-1683V	E	3	2.375	1-5/8	VCFJF			090-162-02-0203
PS-262-EPR-P66	E	3	2.500	1-3/4	QCFKF	I		090-175-02-0246
PS-7252	E	1	2.625	1-3/4	BCFJF			090-175-01-0110
PS-2130	E	3	2.625	1-3/4	BCFJF			
PS-4290	E	3	2.625	1-3/4	QCFJF		Model 20P	
PS-4141	E	3	2.625	1-3/4	QCFZF	I		090-175-01-0137
PS-3227	E	3	2.625	1-3/4	VCFJF	316SS		090-175-01-0114
PS-3169	E	3	2.625	1-3/4	VCFKF	316SS		090-175-01-0104
PS-3054	E	3	2.625	1-3/4	VCFJF	316SS	Model 20P	090-175-01-0166
PS-4228	E	3	2.625	1-3/4	VCFZF	316SS/I		090-175-01-0105
PS-8124	XB	3	2.375	1-7/8	QCFJF	316SS/S		090-187-02-J6DW
PS-8010	XB	3	2.375	1-7/8	VCFZF	316SS/I		090-187-02-9958
PS-8059	XBT	3	2.375	1-7/8	QCFZF	316SS		090-187-02-99AZ
PS-3522	E	3	2.750	2	BCFKF	316SS/I		090-200-02-0236
PS-477	E	3	2.750	2	BCFKF			
PS-3079	E	3	2.750	2	VCFKF	I		090-200-02-0299
PS-3999	E	3	2.750	2	VCFZF	316SS		091-200-02-1678
PS-3134	E	3	3.000	2-1/8	QCFZF	316SS		090-212-02-02DW
PS-353V	E	3	3.000	2-1/8	VCFKF			090-212-02-0204
PS-3576	E	3	3.125	2-1/4	VCFJF	316SS/I		090-225-02-02EG
PS-2098V	E	3	3.250	2-3/8	VCFKF			090-237-02-0204
PS-8121	XB	3	3.000	2-3/8	QCFJF	316SS		090-237-02-J6DW

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CATERPILLAR</b>								
PS-642	B	—	—	5/8	BMF-F			4S-7805
PS-647	B	—	—	3/4	BMF-F			1N-9177
PS-235	C	1	1.625	1	BCFJF			6N-4743, 6N-9313
<b>C-B TOOL CO. (LANCASTER PUMP DIVISION)</b>								
PS-150	B	—	—	1/2	BMF-F			4761
PS-200	A	1	1.250	5/8	BMFJF			2661
PS-201	A	1	1.375	3/4	BMFJF			1661
PS-357	C	1	1.625	1	BCFKF			4400 Series
<b>CDS - JOHN BLUE COMPANY</b>								
PS-879	K	1	1.625	1	BCFJF			S3565
PS-879V-CMS	K	1	1.625	1	VCFJF		Model S3220, (Serial # below 9920)	S3565S
VG-2656	HDV	1	2.062	1-3/8	VCFJF		Model S3220, (3", 43005)	S3645V
<b>CENCO</b>								
PS-452	B	9	—	5/8	BMFJF	A		P-35332
PS-441	B	9	—	3/4	BMFKF	A		P-35334
PS-112	C	1	1.375	3/4	BCFKF			
PS-1026	D	1	1.437	3/4	BCDKF			P-35219
PS-547	C	3	2.000	1-3/8	BCFKF			P-29538
<b>CENTREX</b>								
PS-299	A	—	—	5/8	BMF-F			
PS-360	A	1	1.625	1	BCFJF			201-491,201-493
<b>CH&amp;E MFG. CO.</b>								
PS-516	A	1	1.250	5/8	BCFJF			W105-7A
PS-200	A	1	1.250	5/8	BMFJF			W105-7
PS-200V-SC-SC	A	1	1.250	5/8	VLFLF			W105-7C
PS-851	A	1	1.375	3/4	BCFJF			W105-1
PS-201V-CMS	A	1	1.375	3/4	VCFJF			W105-1V
PS-1125-SC-SC	C	1	1.375	3/4	BLFLF			W105-1D
PS-145	K	—	—	3/4	BCF-F			W105-8
PS-7434	C	1	1.625	1	BCFJF			W105-2
PS-380	D	1	1.625	1	BCFJF			W105-10
PS-185-SC-SC	C	1	1.875	1-1/4	BLFLF			W105-15A
PS-758	C	1	2.125	1-1/2	BCFJF			W105-4
PS-758-SC-SC	C	1	2.125	1-1/2	BLFLF			W105-4C
PS-541	K	1	2.125	1-1/2	BCFJF			W105-6A
PS-432	R	1	2.125	1-1/2	BCFKF			W105-6
PS-449	K	1	2.500	1-3/4	BCFJF			W105-11A
<b>CHALLENGE MFG.</b>								
PS-642	B	—	—	5/8	BMF-F			
PS-647	B	—	—	3/4	BMF-F			
PS-235	C	1	1.625	1	BCFJF			D-97
PS-357V	C	3	1.625	1	VCFKF			D-98
PS-355	C	1	1.750	1-1/8	BCFKF			E-97
PS-659	C	1	2.125	1-1/2	BCFKF			H-97
PS-659V	C	3	2.125	1-1/2	VCFKF			H-98
<b>CHAMPION INDUSTRIES - (Dishwashers)</b>								
PS-4470	A	1	1.250	5/8	BMFJF			106467
PS-4479	B	9	1.109	5/8	QCFJF	A		108426
PS-3100	Q	—	—	1	NMDKF	Unitized		110276
PS-758	C	1	2.125	1-1/2	BCFJF			110611



PS-3100

NOTE: A. MOUNTS ON SHAFT

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CHEMINEER, INC. (Unit of ROBBINS &amp; MYERS)</b>								
PS-818	C	3	2.375	1-5/8	BCFJF			472-00242
PS-238V	C	3	2.375	1-5/8	VCFJF			472-00082
<b>CHEM-TROL, INC.</b>								
PS-8110	XB2	3	2.000	1-3/8	VCFJF	316SS		
<b>CHICAGO PUMP (Div. of YEOMANS CHICAGO CORP.)</b>								
PS-100	A	1	1.187	5/8	BMFJF			
PS-200	A	1	1.250	5/8	BMFJF			2658090
PS-263	D	1	1.187	5/8	BCDKF			266910
PS-750	D	1	1.375	3/4	BCDJF			2655888, 2663071
PS-265	D	3	1.375	3/4	BCDKF			
PS-250	D	3	1.500	7/8	BCDKF			2675339
PS-188	E	1	1.500	7/8	BCFJF			2657110, 2663072
PS-229	E	3	1.500	7/8	BCFKF			267338
PS-380	D	1	1.625	1	BCFJF			
PS-252	D	3	1.625	1	BCFKF			2675341
PS-754	E	1	1.625	1	BCFJF			2655887
PS-251	E	3	1.625	1	BCFKF			2675340
PS-604	D	1	1.750	1-1/8	BCFJF			2658071
PS-605	D	1	1.750	1-1/8	BCFKF			2655131
PS-254	D	3	1.750	1-1/8	BCFKF			2675344
PS-253	E	3	1.750	1-1/8	BCFKF			2675343
PS-306	E	1	1.875	1-3/16	BCDJF			2655886
PS-255	E	3	1.875	1-3/16	BCDKF			2675345
PS-361	E	1	1.875	1-1/4	BCFJF			
PS-256	E	3	1.875	1-1/4	BCFKF			2675347
PS-264	E	3	1.875	1-1/4	BCFKF			2675318
PS-354	E	1	2.000	1-3/8	BCFJF			2655089
PS-257	E	3	2.000	1-3/8	BCFKF			2675350 000
PS-258	E	3	2.125	1-1/2	BCFKF			2675351
PS-259	E	3	2.125	1-1/2	BCFKF			2675352 000
PS-868	T	1	2.125	1-1/2	BCFJF		VPM-LLC4	
PS-446	C	1	2.500	1-3/4	BCFJF			117185
PS-262	E	3	2.500	1-3/4	BCFKF		VPM-LMC4	2675354
<b>CLAY EQUIPMENT</b>								
PS-185	C	1	1.875	1-1/4	BCFJF			0-902718-0
PS-758	C	1	2.125	1-1/2	BCFJF			0-902719-0
<b>CLAYTON MARK</b>								
PS-501	A	1	1.250	5/8	BMFJF			29304B
<b>CLEARWATER INDUSTRIES, INC.</b>								
PS-163	B	1	1.000	1/2	BMFJF			516069
<b>CLEAVER-BROOKS, INC.</b>								
PS-358	C	1	1.375	3/4	BCFJF			925-65
<b>CLEVELAND GEAR CO.</b>								
PS-5082	C	2	1.750	1	BCFKF	H		Z1032N
PS-254	D	3	1.750	1-1/8	BCFKF			Z1028C
PS-4363	D	3	2.187	1-1/2	BCFGF			Z1028E
PS-3026	D	3	2.437	1-5/8	BCDGF			Z1028F
PS-333	D	3	2.812	2	NCPGP		Reducer 400	Z1028G
PS-335V	D	3	3.375	2-1/2	VCPGP			Z1028H
PS-3713	D	3	4.000	3	NCPGP			Z1028J
<b>CLIMAX ENGINE</b>								
PS-380	D	1	1.625	1	BCFJF			
<b>CLOW CORP. (See YEOMANS CHICAGO CORP.)</b>								
<b>COLUMBIA</b>								
PS-142	B	1	1.000	1/2	BMFJF			
<b>CONSOLIDATED DIESEL ELECTRIC</b>								
PS-758	C	1	2.125	1-1/2	BCFJF			0338-0275



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CONSTRUCTION MACHINE (See CRANE PUMPS &amp; SYSTEMS)</b>								
<b>CONTINENTAL PUMP</b>								
PS-290	C	1	1.250	5/8	BCFJF	N		V8-15Q
PS-359	C	1	1.250	5/8	BCFJF			V8-15A, U8-15Q
PS-359-EPR-CMS	C	1	1.250	5/8	QCFJF			
PS-358	C	1	1.375	3/4	BCFJF			U8-56QA/R
PS-358V-CMS	C	1	1.375	3/4	VCFJF			U8-56F
<b>COOPER ENERGY SERVICES (See CAMERON COMPRESSION SYSTEMS)</b>								
<b>CORCORAN CO.</b>								
PS-358V	C	3	1.375	3/4	VCFJF			
<b>CORKEN, INC.</b>								
PS-598	C	3	1.875	1-1/4	BCFKF			2994-XA
PS-756V	C	3	1.875	1-1/4	VCFKF			2994-XD
<b>CORNELL PUMP</b>								
PS-3960	G	1	1.250	5/8	BCFJF			A14997G-40
PS-618	C	3	1.875	1-1/4	BCFJF			A17161J-40, A17161P-40
PS-546	E	3	1.875	1-1/4	BCFJF			A15002C-40, A15002E-40 A17161X-40
PS-137V	E	3	1.875	1-1/4	VCFKF			A15002D-40
PS-3153	K	1	1.875	1-1/4	BZFLF			A15007Y-40
PS-2211	T	3	1.875	1-1/4	BCFJF			A15002H-40
PS-3607	T	3	1.875	1-1/4	NAFGF			A15002I-40
PS-3229	R	3	1.875	1-1/4	VZFLF	S		A17161Z-40
PS-864	E	3	2.000	1-3/8	BCFJF			A15003J-40
PS-821	D	3	2.375	1-5/8	BCDJF			A15005H-40
PS-1698	D	3	2.375	1-5/8	BCFJF			A17064M-40
PS-3223	D	3	2.375	1-5/8	BZFLF			A17064K-40
PS-3186	D	3	2.375	1-5/8	VCFLF	316SS/S		A20769J-40
PS-3772	D	3	2.375	1-5/8	VZFLF			A17064X-40
PS-595	E	3	2.375	1-5/8	BCDJF			A15005D-40
PS-822	E	3	2.375	1-5/8	BCDKF			A1500SC-40
PS-1683	E	3	2.375	1-5/8	BCFJF			A15005A-40, A17064Q-40
PS-1699	E	3	2.375	1-5/8	BCFKF			A15005Y-40, A207691-40
PS-1699V	E	3	2.375	1-5/8	VCFKF			A15005X-40
PS-4471	E	3	2.375	1-5/8	VCFLF	316SS		A17064V-40
PS-3071	R	2	2.375	1-5/8	NAFGF	S		A150051-40
PS-550	C	3	2.500	1-3/4	BCFJF			A15006F-40, A15006M-40
PS-436-TC-VS-SC	C	3	2.500	1-3/4	B/VZFLF			A15006J-40
PS-532	C	3	2.750	2	BCFJF			A20777G-40
PS-833	D	3	2.750	2	BCDJF			A15007D-40, A17264P-40
PS-2075	D	3	2.750	2	BCFJF			A15007M-40
PS-3142	D	3	2.750	2	VZFLF	316SS/S		A17264Q-40
PS-530	E	3	2.750	2	BCFJF			A15007B-40
PS-2143	K	1	2.750	2	BCFJF			A15007J-40-225
PS-7196	K	3	2.750	2	BCFJF	S		A15007J-40
PS-468	D	3	3.250	2-1/2	BCDJF			A15008E-40
PS-463-TC-SC	D	3	3.375	2-1/2	BZFLF			A17258W-40, A205226U-40
PS-3888	D	3	3.375	2-1/2	VZFLF			A16421D-40, A20526R-40
PS-279	E	3	3.375	2-1/2	BCFJF			A15008A-40
PS-349V-TC-SC	E	3	3.375	2-1/2	VZFLF			A17258V-40, A20526F-40
PS-1613	K	3	3.375	2-1/2	BCFJF			A15008R-40
PS-6219	D	3	3.875	3	BZFLF			A169721-40
PS-4033	D	3	3.875	3	VZFLF			A169720-40, A20564P-40
PS-324	E	3	3.875	3	BCDJF			A15009A-40, A20564D-40
PS-7875	C	1	3.875	3	BZFZF			A22335E-40
PS-7873	K	3	3.875	3	BCFJF			A15009G-40
PS-3222	D	3	4.125	3-1/4	VZFLF	S		A22646A-40

**NOTE:** N. NON-STANDARD SPRING HOLDER  
S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CRANE-DEMING (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-1002	C	1	1.000	1/2	BCFJF			0058125
PS-106	C	1	1.000	1/2	BCFKF			0058216
PS-1002V	C	1	1.000	1/2	VCFJF			0055716
PS-200	A	1	1.250	5/8	BMFJF		Fig. 4910-63, 4357, 4358	
PS-501	A	1	1.250	5/8	BMFJF		Fig. 4910, 11, 12, 13, 4963, 66, 67	
PS-507	A	1	1.250	5/8	BMFKF			
PS-200V-CMS	A	1	1.250	5/8	VCFJF			0040861
PS-507V-CMS	A	1	1.250	5/8	VCFKF			8009530
PS-493	C	1	1.187	5/8	BCFKF			0006841, 0006876
PS-359	C	1	1.250	5/8	BCFJF			0034427
PS-633	C	1	1.250	5/8	BCFKF			115515
PS-359V-CMS	C	1	1.250	5/8	VCFJF			115835
PS-226	D	1	1.187	5/8	BCDKF			0006875, 0020444
PS-201	A	1	1.375	3/4	BMFJF		Fig. 4910, 4911, 3305, 3352, 4352	
PS-750	D	1	1.375	3/4	BCDJF			
PS-208	C	—	—	7/8	BCF-F			6880
PS-309	C	1	1.500	7/8	BCFJF		Fig. 4001, Dwg. 116-386	0030876
PS-687	C	1	1.500	7/8	BCFKF		Fig. 4001	0030877
PS-309V	C	3	1.500	7/8	VCFJF			0084876
PS-687V	C	3	1.500	7/8	VCFKF			0084877
PS-790	D	1	1.437	7/8	BCDJF		Fig. 4001, Dwg. 112-041	
PS-892	K	1	1.500	7/8	BCFJF		Fig. 4001	0030894
PS-878	K	1	1.500	7/8	BCFKF		Fig. 4001	0030895
PS-428	R	1	1.500	7/8	BCDJF		Fig. 4001, Dwg. 113-068	
PS-2145	C	3	1.437	1	BCFJF			0065187
PS-3755	C	3	1.437	1	VCFJF			0075513
PS-235	C	1	1.625	1	BCFJF			0030878
PS-357	C	1	1.625	1	BCFKF		Fig. 4011, Dwg. 115-313	0030879
PS-460	D	1	1.625	1	BCFKF		Fig. 4011	
PS-4882	E	3	1.437	1	BCFJF			0099273
PS-879	K	1	1.625	1	BCFJF			
PS-3126	K	1	1.625	1	BCFKF			0030897
PS-141	R	—	—	1	BCF-F		Fig. 3302-04 #2	
PS-429	R	1	1.625	1	BCFJF			
PS-608	E	1	1.687	1-1/8	BCFKF		Fig. 4012, Size 1A	
PS-384	E	1	1.750	1-1/8	BCFKF			0029177
PS-185	C	1	1.875	1-1/4	BCFJF			0030880, 0070713
PS-756	C	1	1.875	1-1/4	BCFKF			0030881
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			0088458, 0088459
PS-598-TC-SEAT	C	3	1.875	1-1/4	BCFZF			8030880
PS-756V	C	3	1.875	1-1/4	VCFKF			0084881
PS-381	D	1	1.875	1-1/4	BCFJF			
PS-383	D	1	1.875	1-1/4	BCFKF		Model 7180	
PS-1015	E	—	—	1-1/4	BCF-F			0078876
PS-546	E	3	1.875	1-1/4	BCFJF		Model AVS	0078879
PS-883	K	1	1.875	1-1/4	BCFJF			0030898
PS-890	K	1	1.875	1-1/4	BCFKF			0030899
PS-2211	T	3	1.875	1-1/4	BCFJF			0045935
PS-186	D	1	2.000	1-3/8	BCDKF			0030882
PS-209	K	—	—	1-3/8	BCF-F			
PS-2234	E	3	2.062	1-7/16	BCFKF		Models 1523, 1535	0036636
PS-758	C	1	2.125	1-1/2	BCFJF			0030884
PS-659	C	1	2.125	1-1/2	BCFKF		Fig. 4021HD	0030885
PS-2209	C	1	2.125	1-1/2	BZFZF			8030885
PS-659V-CMS	C	1	2.125	1-1/2	VCFKF			0084885
PS-382	D	1	2.125	1-1/2	BCFJF		Fig. 4021HD	
PS-3128	K	1	2.125	1-1/2	BCFJF			0030900
PS-3130	K	1	2.125	1-1/2	BCFKF			0030901
PS-431	R	1	2.125	1-1/2	BCFJF			
PS-432	R	1	2.125	1-1/2	BCFKF			

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CRANE-DEMING (Div. of CRANE PUMPS &amp; SYSTEMS) (continued)</b>								
PS-238	C	1	2.375	1-5/8	BCFJF			0030886
PS-239	C	1	2.375	1-5/8	BCFKF			0030887
PS-238V-CMS	C	1	2.375	1-5/8	VCFJF			106330
PS-239V-CMS	C	1	2.375	1-5/8	VCFKF			106331
PS-446	C	1	2.500	1-3/4	BCFJF		Model 7360	0030888
PS-448	C	1	2.500	1-3/4	BCFKF			0030889
PS-2207	C	3	2.500	1-3/4	VCFZF			117779
PS-237	D	1	2.500	1-3/4	BCDJF			
PS-2109	E	—	—	1-3/4	BCF-F			0078877
PS-535	E	3	2.500	1-3/4	BCFJF		Model 3065	0078882
PS-4097	EB	3	2.500	1-3/4	BCFKF			124410
PS-449	K	1	2.500	1-3/4	BCFJF		Fig.7182- Fig.4031	
PS-213	R	—	—	1-3/4	BCD-F			
PS-3115	T	3	2.500	1-3/4	BCFJF			0045936
PS-340	C	1	2.625	1-7/8	BCFJF			0046389
PS-1608	C	1	2.625	1-7/8	BCFKF			0046390
PS-312	C	3	2.625	1-7/8	BCFKF			
PS-312V	C	3	2.625	1-7/8	VCFKF			0075518
PS-543	C	1	3.000	2-1/8	BCFKF			0030891
PS-543V	C	3	3.000	2-1/8	VCFKF			119412
PS-353	E	1	3.000	2-1/8	BCFKF			
PS-2086	E	3	3.000	2-1/8	BCFKF			
PS-2126	T	3	3.000	2-1/8	BCFJF			0043483, 0045937
PS-1679	C	1	3.125	2-1/4	BCFJF			0030892
PS-1676	C	3	3.125	2-1/4	BCFKF			0030893
PS-1676V	C	3	3.125	2-1/4	VCFKF			0075520
<b>CRANE PUMPS &amp; SYSTEMS</b>								
PS-3000	G	1	26MM	12MM	BLFLF			112566B
PS-633-EPR-CMS	C	1	1.250	5/8	QCFKF			124476
PS-7547	C	1	1.250	5/8	VFLFLF			005080SK
PS-732	C	3	1.250	5/8	BCFKF			21752
PS-5625	Special	1	1.250	5/8	QC-J-			23568
PS-3110	C	1	1.375	3/4	BLFLF			110395SD
PS-3916	C	3	1.375	3/4	BCFJF			110395
PS-767	C	3	1.375	3/4	B/VCFJF			63599
PS-9339	W	2	1.375	3/4	TCFJF	316SS		21741
PS-8064	X	3	1.375	3/4	BLFLF	316SS		083459-A
PS-309	C	1	1.500	7/8	BCFJF			M-3824-B, 0030876
PS-3907	C	1	1.500	7/8	BCFJF			2-31006
PS-687V-CMS	C	1	1.500	7/8	VCFKF			120941
PS-774	C	3	1.500	7/8	BCFJF			111131
PS-3176	C	3	1.500	7/8	BLFLF			111131SD
PS-197	K	—	—	7/8	BCF-F			M-3046
PS-8065	X	3	1.500	7/8	BLFLF	316SS		082827-A
PS-235	C	1	1.625	1	BCFJF			M-4292-B
PS-357	C	1	1.625	1	BCFKF		5MPK, 6MFP, 9MFP, 16PK, CC1-1/2-1-1/2, CC1-1/2-2	M-4292-C
PS-2145	C	3	1.437	1	BCFJF			0068157
PS-235V	C	3	1.625	1	VCFJF			M-4292-G, 7841-0
PS-4302	C	1	1.750	1-3/16	BCFJF			21942-P
PS-355-SC-SC	C	1	1.750	1-1/8	BLFLF			070712SD
PS-604	D	1	1.750	1-1/8	BCFJF			M-4274-C
PS-521	D	1	1.875	1-1/8	BCFKF			
PS-756	C	1	1.875	1-1/4	BCFKF			19146, 110697
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			23109
PS-185V-TC-SEAT	C	1	1.875	1-1/4	VCFZF			118359
PS-185V-TC-TC	C	1	1.875	1-1/4	VZFZF			123284
PS-466	C	1	2.000	1-1/4	BCFJF			M-3957-C
PS-598-TC-SEAT	C	3	1.875	1-1/4	BCFZF			121918
PS-756V	C	3	1.875	1-1/4	VCFKF			20500-C, 84881

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>CRANE PUMPS &amp; SYSTEMS (continued)</b>								
PS-1015	E	—	—	1-1/4	BCF-F			78876
PS-546	E	3	1.875	1-1/4	BCFJF			40684
PS-7323	K	1	1.875	1-1/4	BZ/CFZ/JF			60817
PS-467	C	1	2.125	1-3/8	BCFKF			M-3983-C
PS-177V	C	3	2.000	1-3/8	VCFJF			7842-0
PS-758	C	1	2.125	1-1/2	BCFJF			0030884
PS-758-SC-TC-CMS	C	1	2.125	1-1/2	BLFZF			0030885B
PS-2209	C	1	2.125	1-1/2	BZFZF			0030885A
PS-395	E	3	2.125	1-1/2	BCFJF			0099274
PS-238	C	1	2.375	1-5/8	BCFJF			0030886
PS-3664	C	1	2.375	1-5/8	BZFZF			131710
PS-238V-P66-TC	C	1	2.375	1-5/8	VCFZF	I		131793
PS-7806	C	1	2.375	1-5/8	VLFLL			125579
PS-3144	C	1	2.375	1-5/8	VZFZF			122825
PS-239V	C	3	2.375	1-5/8	VCFKF			23150
PS-2212	C	1	2.500	1-3/4	BCFJF			M-3842-F
PS-1068	C	1	2.500	1-3/4	BCFKF			M-3842-C
PS-466-TC-TC	C	1	2.500	1-3/4	BZFZF			71559
PS-4410	C	1	2.500	1-3/4	BZFZF			M-3842-L
PS-7820	C	1	2.500	1-3/4	VLFLL			M-3842-V
PS-550	C	3	2.500	1-3/4	BCFJF			125852
PS-436-SC-SC	C	3	2.500	1-3/4	BLFLF			125852SD
PS-4035	C/X Special	1	2.500	1-3/4	BCFJF			M-9262
PS-4491	DB	3	2.375	1-3/4	BCFZF			
PS-859-TC-SEAT	E	3	2.500	1-3/4	BCFZF			117781
PS-213	R	—	—	1-3/4	BCD-F			M-2653
PS-340	C	1	2.625	1-7/8	BCFJF			46389
PS-3190	K	1	2.625	1-7/8	BZFZF			060818SC
PS-1028	C	1	2.750	2	BCFKF			
PS-2219	C	1	2.750	2	BZFZF			71560
PS-1145	C	3	2.750	2	VCFKF			0-536026-E
PS-7892	EB	3	2.625	2	BCFKF			9054995
PS-7196	K	3	2.750	2	BCFJF	S		00103045
PS-543	C	1	3.000	2-1/8	BCFKF			0030891
PS-3727	E	3	3.000	2-1/8	VLFLL			122556
PS-1679	C	1	3.125	2-1/4	BCFJF			0030892
PS-1688	E	3	3.125	2-1/4	BCFJF			0099278
PS-3651	C/X	1	3.375	2-1/2	BCFJ*		*Special Wave Spring	M-9439
PS-468	D	3	3.250	2-1/2	BCDJF			M-4272-B
PS-6205	C	1	3.500	2-3/4	BCFJF			85980
PS-6908	C	1	3.500	2-3/4	BZFZF			85981
PS-2153-CMS	C	1	3.875	3	BCFJF			085983
<b>CREPACO</b>								
PS-397	C	—	—	1	BCF-F			549S6407F
PS-397V	C	—	—	1	VCF-F			549S6408F
PS-154	C	—	—	1-1/4	BCF-F			549S6407
<b>CROWN PUMPS (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-235-EPR	C	1	1.625	1	QCFJF		B4, B6(1-1/2"), B9(2")	BM7274
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF		B12(3x2), B19(3x3), B21	BM7275
<b>CULLIGAN INTERNATIONAL</b>								
PS-4489	A	1	1.375	3/4	BMFJF			325494
<b>CUMMINS WAGNER</b>								
PS-1619	B	1	1.625	1	BCDJF			3089056
<b>CURTIS</b>								
PS-605	D	1	1.750	1-1/8	BCFKF			
PS-288	D	1	2.500	1-3/4	BCDKF			RMB-414
<b>DAKON</b>								
PS-150	B	—	—	1/2	BMF-F		Seat is Impeller	

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>DARLEY, W.S. &amp; COMPANY</b>								
PS-6006	D	3	1.375	3/4	BCDLF		Springholder not Required	1841502
PS-4246	D	3	1.875	1-1/4	BCDLF			1841203
PS-448	C	1	2.500	1-3/4	BCFKF			1842300
<b>DAYTON (See TEEL PUMP)</b>								
<b>DEAN PUMP (Div. of MET-PRO CORP.)</b>								
PS-3589	E	5	1.625	1	VCFZF			
<b>DECATUR PUMP</b>								
PS-501	A	1	1.250	5/8	BMFJF			20888
PS-359	C	1	1.250	5/8	BCFJF			
PS-290	C	1	1.250	5/8	BCFJF	N		8514
PS-290V	C	1	1.250	5/8	VCFJF	N		9762
PS-750	D	1	1.375	3/4	BCDJF			
PS-185	C	1	1.875	1-1/4	BCFJF			9917
PS-2203	C	3	1.875	1-1/4	QCFKF	I		21271
<b>DEFCO, INC.</b>								
PS-359V-CMS	C	1	1.250	5/8	VCFJF		D-520	A2518
VG-879V-SC-SC-CMS	HVD	1	1.625	1	VFLFL			A-2517ED
PS-360V-CMS	A	1	1.625	1	VCFJF		A-720GE-A-715	A2519
<b>DeLAVAL (See IMO INDUSTRIES, INC.)</b>								
<b>DELAVAN PUMPS, INC.</b>								
PS-200V-CMS	A	1	1.250	5/8	VCFJF			34943
PS-1061	A	1	1.250	9/16	VCFJF			
<b>DELTA T SYSTEMS, INC.</b>								
PS-3147	C	3	1.250	5/8	QCFKF	I		108-00001-00
PS-2167-EPR-P66	C	1	1.437	7/8	QCFJF	I		108-00006-00
PS-2224	C	3	1.437	7/8	QCFKF	I		108-00002-00
<b>DEMING (See CRANE PUMPS &amp; SYSTEMS)</b>								
<b>DEMPSTER INDUSTRIES, LLC</b>								
PS-162	A	1	1.000	1/2	BMFJF			
PS-200	A	1	1.250	5/8	BMFJF			907-06030
PS-202	B	11	—	5/8	BMFJF	A		
PS-441	B	9	—	3/4	BMFKF	A		907-06001
PS-440	B	11	—	3/4	BMFJF	A		907-06006
PS-358	C	1	1.375	3/4	BCFJF			907-06043
PS-309	C	1	1.500	7/8	BCFJF			907-06033
PS-309V	C	3	1.500	7/8	VCFJF			907-06034
PS-598	C	3	1.875	1-1/4	BCFKF			907-06035
PS-756V	C	3	1.875	1-1/4	VCFKF			907-06046
<b>DENISON HYDRAULICS (Parker Hannifin HPD)</b>								
PS-5108	C	2	1.562	3/4	VCFKF			623-10508
PS-5676	C	2	2.187	1-3/8	B/VCFJF	316SS		
PS-5711	C	2	2.187	1-3/8	B/VCFKF	316SS	New Design	623-00006-0
PS-5676V	C	2	2.187	1-3/8	VCFJF	316SS		623-00006-5
PS-5074	C	3	2.000	1-3/8	BCFKF			623-08981, 623-11038
PS-5720	C	2	2.125	1-1/2	BCFKF			623-00012-0
PS-5002	D	2	2.500	1-11/16	BCFKF			623-12260-0
PS-5194	D	2	2.500	1-11/16	VCFKF			623-12263-0
PS-5712	C	2	3.000	1-7/8	B/VCFKF	N	New Design	623-00016-0
PS-5342	C	2	3.000	1-7/8	VCFJF		Old Design	623-00016-0
PS-5679	C	2	3.000	1-7/8	QCFJF			623-00016-4
PS-5717	C	2	3.000	1-7/8	VCFJF			623-00016-5
PS-5011	C	Plate	3.528	1-7/8	BCFGF			623-00002-0
PS-5721	C	Plate	Plate	1-7/8	VCFGF			623-00002-5
PS-5706	C	2	3.000	2-1/8	VCFKF	316SS		623-00015-5
PS-5005	D	2	3.000	2-3/16	BCFKF			623-12322-0
PS-5719	D	2	3.000	2-3/16	QCFKF			623-12330-0
PS-5024	D	2	3.000	2-3/16	VCFKF			623-12331-0

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

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>DETROIT HARVESTER HOWELL</b>								
PS-298	A	—	—	1/2	BMF-F			3-6
PS-299	A	—	—	5/8	BMF-F		H,SM-F,PM,1/4HP, Seat is Impeller.	4-6
PS-100	A	1	1.187	5/8	BMFJF			
<b>DEUBLIN CO.</b>								
PS-397	C	—	—	1	BCF-F			954-211
PS-235V	C	3	1.625	1	VCFJF			
<b>DeVILBISS</b>								
PS-508	D	1	1.250	5/8	BCDJF			QM-4507
PS-358	C	1	1.375	3/4	BCFJF			QM-4509
PS-752	D	1	1.375	3/4	BCDKF			QMW-4509
<b>DIACLEAR</b>								
PS-142	B	1	1.000	1/2	BMFJF			36100
<b>DISCFLO CORP.</b>								
PS-446V-SC-SEAT	C	3	2.500	1-3/4	VCFLF			P-170-100097
PS-7488	E	3	2.500	1-3/4	VLF LF			P-170-100034
PS-338V-SC-SC	C	3	3.000	2-1/8	VLF LF	S		P-170-100036
PS-3877	C	3	3.375	2-1/2	VLF LF			P-170-100035
<b>DIXIE PUMP</b>								
PS-200	A	1	1.250	5/8	BMFJF			
PS-201	A	1	1.375	3/4	BMFJF			
<b>DOERR</b>								
PS-359	C	1	1.250	5/8	BCFJF			
<b>DOMESTIC PUMP (Div. of ITT CORP.)</b>								
PS-200	A	1	1.250	5/8	BMFJF			180013
PS-359	C	1	1.250	5/8	BCFJF			180014
PS-201	A	1	1.375	3/4	BMFJF			
PS-358	C	1	1.375	3/4	BCFJF			180010
PS-360	A	1	1.625	1	BCFJF			
PS-235	C	1	1.625	1	BCFJF			180011
PS-177	C	1	2.000	1-3/8	BCFJF			180015
<b>DOUGHBOY INDUSTRIES (Div. of HOFFINGER INDUSTRIES)</b>								
PS-671	B	1	.875	3/8	BMFJF			306-1003
PS-200	A	1	1.250	5/8	BMFJF			306-1006
PS-1000	B	1	1.250	5/8	BMFJF			306-1002
PS-642	B	—	—	5/8	BMF-F			308-1264
PS-202	B	11	—	5/8	BMFJF	A		306-1001
<b>DOUGLAS MOTOR CORP.</b>								
PS-201	A	1	1.375	3/4	BMFJF			47406
PS-210	C	1	2.000	1-3/8	BCFKF			46154
<b>DOWDELL CO., J.L. (DOWCO PUMP)</b>								
PS-202	B	11	—	5/8	BMFJF	A		D1101S-5/8
PS-440	B	11	—	3/4	BMFJF	A		D1101S-3/4
<b>DRESSER INDUSTRIES (See GARDNER DENVER LEROI)</b>								
PS-200	A	1	1.250	5/8	BMFJF			125-101/113-1
PS-618	C	3	1.875	1-1/4	BCFJF			
PS-1062	C	3	2.125	1-3/8	VCFKF			
PS-436V	C	3	2.500	1-3/4	VCFKF			125-693-2
<b>DRESSER RAND</b>								
PS-768	C	3	1.375	3/4	BCFKF			SEL 244
PS-3136	D	2	2.125	1-1/2	BCDKF			W27658P1
PS-553	C	3	2.125	1-1/2	BCFKF			W27658P2
PS-3931	E	2	2.312	1-5/8	BCDKF			W35548P1
PS-3952	E Special	3	3.031	2	NCDKF			000-049-082
PS-611	E	3	2.812	2-1/8	BCFJF			
PS-556	U	1	3.000	2-1/8	BCFKF			720025J1
PS-4172	E	3	3.875	3	VCFKF	316SS		050-825-201

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>DUFF-NORTON</b>								
PS-933	C	—	—	5/8	BCF-F			732015C
PS-185	C	1	1.875	1-1/4	BCFJF			464901C
<b>DUNHAM, C.A.</b>								
PS-508	D	1	1.250	5/8	BCDJF			614
<b>DUNHAM-BUSH (MEPCO Marshall Engineered Products Co.)</b>								
PS-1002	C	1	1.000	1/2	BCFJF			S-996
PS-106	C	1	1.000	1/2	BCFKF			996 New
PS-118	C	1	1.187	5/8	BCFJF			
PS-359	C	1	1.250	5/8	BCFJF			S-472
PS-552-SC-SC	C	1	1.250	5/8	BLFLF			S-5099
PS-633V-CMS	C	1	1.250	5/8	VCFKF			S-2143, S-5549
PS-552-EPR	C	3	1.250	5/8	QCFJF			S-5011
PS-552-EPR-P66	C	3	1.250	5/8	QCFJF	I		S-4940
PS-3147	C	3	1.250	5/8	QCFKF	I		S-4981
PS-633V-TC SEAT	C	3	1.250	5/8	VCFZF			S-472-TC-V
PS-750	D	1	1.375	3/4	BCDJF			40088878W
PS-188	E	1	1.500	7/8	BCFJF			40090790W
PS-982	C	1	1.625	1	BCFKF			860
PS-499	C	3	1.625	1	BCFKF			GA-1781-4
PS-983	C	1	1.750	1-1/8	BCFKF			861, ML-8702
PS-185	C	1	1.875	1-1/4	BCFJF			S-4998
PS-756	C	1	1.875	1-1/4	BCFKF			S-3179
PS-756V-CMS	C	1	1.875	1-1/4	VCFKF			S-5548
PS-618-EPR-P66	C	3	1.875	1-1/4	QCFJF	I		S-4982, S-5085
PS-239	C	1	2.375	1-5/8	BCFKF			S-3291
PS-3616	C	1	2.375	1-5/8	QCFKF			S-4932
<b>DURIRON (See FLOWSERVE CORP.)</b>								
PS-866	E	3	1.750	1-1/8	BCFJF			
PS-867	E	3	1.750	1-1/8	BCFKF			
PS-886	T	3	1.750	1-1/8	BCFJF			
PS-918	T	3	1.750	1-1/8	BCFKF			
PS-3792	E	3	2.125	1-3/8	VCFJF	316SS/C	Mark III Group 1K	
PS-3783	E	3	2.125	1-3/8	VCFLF	316SS/C	Mark III Group 1K	
PS-2069	E	1	2.625	1-7/8	BCFJF			
PS-7559	E	3	2.625	1-7/8	BCFJF	C		
PS-2072	E	3	2.625	1-7/8	BCFKF			
PS-3046	E	3	2.625	1-7/8	QCFJF	316SS/H/S		
PS-3049	E	3	2.625	1-7/8	QZFLF	316SS/H/S	Mark III Group 2	
PS-3929	E	3	2.625	1-7/8	VCFJF	316SS/C	Mark III Group 2	
PS-7698V-LC	E	3	2.625	1-7/8	VCFKF	C/S		
PS-7878	T	1	2.625	1-7/8	BCFJF			
PS-743	T	1	2.625	1-7/8	BCFKF			
PS-4392	E	3	3.625	2-5/8	QCFLF	C		
<b>DURO</b>								
PS-452	B	9	—	5/8	BMFJF	A		5486
PS-508	D	1	1.250	5/8	BCDJF			5485
PS-102	D	1	1.250	5/8	BCDKF		Models DV-30, 50, 70, VX-30, 50, 70, 100 DJ-70, 100, S J70, 100	B-170
<b>EAST SIDE MFG.</b>								
PS-100	A	1	1.187	5/8	BMFJF			P-28322
PS-200	A	1	1.250	5/8	BMFJF			
PS-1000	B	1	1.250	5/8	BMFJF		Model BTH	
PS-359	C	1	1.250	5/8	BCFJF			
PS-201	A	1	1.375	3/4	BMFJF			
PS-358	C	1	1.375	3/4	BCFJF			
PS-750	D	1	1.375	3/4	BCDJF			MF-1
PS-360	A	1	1.625	1	BCFJF		Series C, CM and CH	P-28175
<b>EASTERN ENGINEERING (See PULSAFEEDER)</b>								

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

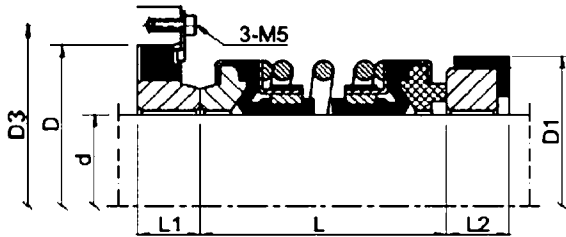
# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Head		Seal Size MM	Material Code
<b>EBARA FLUID HANDLING</b>				
VGM-2971V *	VGM562		13	VLFLF / VCFJF
VGM-2982V *	VGM562		14	VLFLF / VCFJF
VGM-2979V *	VGM562		15	VLFLF / VCFJF
VGM-2974V *	VGM562		16	VLFLF / VCFJF
VGM-2980V	VGM562		20	VLFLF / VCFJF
VGM-2975V	VGM562		25	VLFLF / VCFJF
VGM-8030V	VGM562		30	VLFLF / VCFJF
VGM-2976V	VGM562		35	VLFLF / VCFJF
VGM-2977V	VGM562		40	VLFLF / VCFJF
VGM-2978V	VGM562		45	VLFLF / VCFJF
VGM-2983V	VGM562		50	VLFLF / VCFJF



Type VGM562 with Plate

\* Supplied with cup mounted mating rings and no retaining 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

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ECONOMY PUMP (PATTERSON PUMP CO.)</b>								
PS-100	A	1	1.187	5/8	BMFJF		AMP, TEP, JFP	
PS-360	A	1	1.625	1	BCFJF			MMZ-85
PS-356	C	1	1.750	1-1/8	BCFJF		C5	
PS-1067	E	1	1.875	1-1/8	BCFKF			GCZ-2012
PS-185	C	1	1.875	1-1/4	BCFJF		HRS-73	
PS-177	C	1	2.000	1-3/8	BCFJF			SAD-1959
PS-305	E	1	2.125	1-1/2	BCFJF		BDAC	05291950
PS-395	E	3	2.125	1-1/2	BCFJF			
<b>EDWARDS ENGINEERING</b>								
PS-3578V	C	1	1.175	7/16	VCFJF			C-316
PS-867V	E	3	1.750	1-1/8	VCFKF			220000
<b>ELECTROMOTIVE DIV.</b>								
PS-632	C	1	1.000	1/2	BCFKF	N		822832
PS-602	D	1	1.562	7/8	BCDJF			5876888
<b>ELGIN SWEEPER CO. - (Street Sweepers)</b>								
PS-5625	Special	1	1.250	5/8	QC-J-			



PS-5625



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ELKINGTON DISHWASHER</b>								
PS-3440	C	1	1.750	1	BCFJF			
<b>ENPO-CORNELL PUMP CO.</b>								
PS-961	B	1	1.250	5/8	BCFJF			
PS-452	B	9	—	5/8	BMFJF	A		
PS-201	A	1	1.375	3/4	BMFJF			
PS-360	A	1	1.625	1	BCFJF			
PS-466	C	1	2.000	1-1/4	BCFJF			M-3957-F
PS-466V	C	1	2.000	1-1/4	VCFJF			M-3957-G
PS-546	E	3	1.875	1-1/4	BCFJF			
PS-467	C	1	2.125	1-3/8	BCFKF			M-3983-C
PS-1683	E	3	2.375	1-5/8	BCFJF			
PS-2212	C	1	2.500	1-3/4	BCFJF			M-3842-F
PS-1068	C	1	2.500	1-3/4	BCFKF			M-3842-C
PS-449	K	1	2.500	1-3/4	BCFJF			
PS-2139	C	1	2.750	2	BCFJF			M 4414-F
PS-842	C	1	2.750	2	BCFKF			
PS-1040	K	3	2.750	2	BCFKF			
PS-1041	K	3	3.250	2-3/8	BCFKF			
PS-1613	K	3	3.375	2-1/2	BCFJF			
<b>ENVIRONMENT ONE CORP.</b>								
PS-2033	D	3	1.625	1	BCFJF			A-2021B110
PS-3042	G	3	1.625	1	BCFJF	S		NB0053PO1
<b>ESSICK</b>								
PS-358	C	1	1.375	3/4	BCFJF			9014009
PS-175	K	1	1.375/ 1.500	3/4	BCFJF			9014225
PS-185	C	1	1.875	1-1/4	BCFJF			9014025
PS-177	C	1	2.000	1-3/8	BCFJF			9014027
PS-495	K	1	2.000	1-3/8	BCFJF			9014140
<b>EUROPLAST LTD.</b>								
PS-201	A	1	1.375	3/4	BMFJF			60985AA
<b>EVERITE</b>								
PS-150	B	—	—	1/2	BMF-F		Seat Is Impeller	1205
PS-200	A	1	1.250	5/8	BMFJF			2544
PS-501	A	1	1.250	5/8	BMFJF			
PS-359	C	1	1.250	5/8	BCFJF			2584
<b>FAIRBANKS MORSE (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-506	A	1	1.000	1/2	BMFKF		Models 49 and 59 Circulating Pumps	91325
PS-200	A	1	1.250	5/8	BMFJF		Models H, HC, HV	82723, 82470-75
PS-501	A	1	1.250	5/8	BMFJF		H500, 649, 650 Shallow Well and All Model 49 Ejectors to 1 HP. Models 300, 500 and 750 VS-VD	82635-60, 82702-75
PS-507	A	1	1.250	5/8	BMFKF		For UL 25 Westco Shallow Well	82480-60
PS-359	C	1	1.250	5/8	BCFJF		Submersible Motor	
PS-508	D	1	1.250	5/8	BCDJF		Model 49	82480-75
PS-102	D	1	1.250	5/8	BCDKF			82698
PS-201	A	1	1.375	3/4	BMFJF		Models AC, AEC, AES, AS	
PS-877	C	1	1.375	3/4	BCFJF		Model 5553B-Build Together Pump	HYDE2, 82738-60
PS-750	D	1	1.375	3/4	BCDJF			40088878
PS-188	E	1	1.500	7/8	BCFJF		1-1/4 Fig. 5553E, Mtr Frm. up to 184	HYD1Q1
PS-229	E	3	1.500	7/8	BCFKF			Westco BR545

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

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FAIRBANKS MORSE (See PENTAIR, INC. for Additional Part Numbers) (continued)</b>								
PS-235	C	1	1.625	1	BCFJF			CND-1726D-1726C LV411900X01
PS-356	C	1	1.750	1-1/8	BCFJF		1-1/2,2,3,4 Fig.5553N, Frm. 213 & Up	HYD1AC
PS-204	E	1	1.750	1-1/8	BCFJF		1-1/4 Fig. 5553E, Mtr. Frm. 213 & Up	HYD1Q2
PS-6812	C	1	1.875	1-3/16	BCFJF			LV7140047753
PS-8074	XB	3	1.687	1-3/16	Special	C		HYD1BT3
PS-185	C	1	1.875	1-1/4	BCFJF			HYD1AC2
PS-756	C	1	1.875	1-1/4	BCFKF			HYD1BX8
PS-381	D	1	1.875	1-1/4	BCFJF			Westco 2G
PS-510	D	1	2.000	1-1/4	BCFJF		Models 5554, 5554A	HYD1E2
PS-883	K	1	1.875	1-1/4	BCFJF			HYD1AD2
PS-865	E	3	2.000	1-3/8	BCFKF			HYD1Q3
PS-3198	V	3	2.140	1-3/8	BCFJF			HYD1S3
PS-1104	V	25	2.140	1-3/8	BCFJF		Frame 25	
PS-8079	XB5	3	1.937	1-7/16	Special			HYD1BT6
PS-758	C	1	2.125	1-1/2	BCFJF			
PS-305	E	1	2.125	1-1/2	BCFJF			ND2502-A1
PS-395	E	3	2.125	1-1/2	BCFJF		3" & 4" Fig. 5821, 2" & 3" Fig. 5822, 2" & 2-1/2" Fig. 5823, 3" Fig. 5874A	HYD1AA1, HYD1X3
PS-395-EPR	E	3	2.125	1-1/2	QCFJF			FMB088775CO1
PS-515	E	3	2.250	1-1/2	BCFJF		2" Fig. 5812, 3", 4" Fig. 5811	HYD1A2
PS-514	D	1	2.375	1-5/8	BCDJF			ND1246-A4
PS-1683	E	3	2.375	1-5/8	BCFJF			HYD1BG1
PS-446	C	1	2.500	1-3/4	BCFJF			HYD1AC3, HYD1AD1
PS-550	C	3	2.500	1-3/4	BCFJF			HYD1CB2
PS-6241	C	3	2.500	1-3/4	BLFLF			HYD1EH2
PS-3963	C	3	2.500	1-3/4	BLFZF			HYD1CM2
PS-3719	C	3	2.500	1-3/4	B/VLFZF			HYD1DJ2
PS-3687	C	3	2.500	1-3/4	BZFZF			HYD1CD2
PS-3718V	C	3	2.500	1-3/4	VCFJF			HYD1CR2
PS-449	K	1	2.500	1-3/4	BCFJF		Models 5421 BP, KTPA-10031	HYD1AD1
PS-6246	K	1	2.500	1-3/4	BCFJF			HYD1AD7
PS-6242	T	3	2.500	1-3/4	VCFJF	316SS		HYD1EN2
PS-1070	U	3	2.375	1-3/4	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	U	3	2.500	1-3/4	BCFJF		Fig. 5822A, Size 4	HYD1T2
PS-2069	E	1	2.625	1-7/8	BCFJF			HYD1E4
PS-2070	E	1	2.625	1-7/8	BCFKF			HYD1Q4
PS-3964	T	3	2.625	1-7/8	BCFJF			HYD1CW1
PS-898	U	3	2.500	1-7/8	BCFJF		8" Fig. 5821, 5" & 6" Fig. 5822, 4" & 5" Fig. 5823, 5" Fig. 5874A	HYD1AA4
PS-4467	V	3	2.625	1-7/8	BCFJF			HYD1S16
PS-1105	V	25	2.640	1-7/8	BMFJF		Frame 28	
PS-8077	X Special	3	2.500	1-7/8	VCFJF	316SS		HYD1BT10-9906F
PS-7781	C	1	2.750	2	BCFJF			HYD1CB1
PS-7781-SC-TC	C	1	2.750	2	BLFZF			HYD1CK2, HYD1CN2
PS-4015	C	3	2.750	2	BCFKF			HYD1CE2
PS-332	C	3	2.750	2	BCFKF		Collar supplied upon request	HYD1BX1
PS-6238	C	3	2.750	2	BLFLF			HYD1EH1
PS-3721	C	3	2.750	2	BLFZF			HYD1CM1, HYD1DJ1
PS-3688	C	3	2.750	2	BZFZF	N/S		HYD1D1CD1
PS-6247V	C	3	2.750	2	VCFKF			HYD1CS2
PS-4178	C	3	2.750	2	VLFLF			HYD151
PS-530	E	3	2.750	2	BCFJF			HYD1BG2
PS-2143	K	1	2.750	2	BCFJF			
PS-4478	K	1	2.750	2	BCFJF			HYD1AD8
PS-338	C	3	3.000	2-1/8	BCFJF	S	Frame 30 Model 5500	HYD1AC4
PS-327	E	3	3.000	2-1/8	BCFJF			HYD1Q5

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FAIRBANKS MORSE (See PENTAIR, INC. for Additional Part Numbers) (continued)</b>								
PS-887	K	1	3.000	2-1/8	BCFJF			HYD1AD3
PS-1102	V	3	3.140	2-1/8	BCFJF		Frame 32	HYD1S5
PS-7782	C	1	3.125	2-1/4	BCFKF			HYD1CE1
PS-1676	C	3	3.125	2-1/4	BCFKF		Collar supplied upon request	HYD1BX10
PS-3966	C	3	3.125	2-1/4	BLFZF			HYD1CN1
PS-6248	C	3	3.125	2-1/4	VCFKF			HYD1CS1
PS-7431	K	1	3.125	2-1/4	BCFJF			HYD1AD9
PS-269	C	3	3.375	2-1/2	BCFJF			HYD1AD4 FMB027764A01
PS-853	C	3	3.375	2-1/2	BCFKF		Collar supplied upon request	HYD1BX3
PS-6254	E	3	3.500	2-1/2	BCFJF			HYD1CX2
PS-279	E	3	3.375	2-1/2	BCFJF		Collar supplied upon request	HYD1AA6, HYD1BG3
PS-1613	K	3	3.375	2-1/2	BCFJF			HYD1AD10
PS-4072	T	3	3.500	2-1/2	BCFJF			HYD1CW2
PS-6244	T	3	3.500	2-1/2	VCFJF			HYD1EN4
PS-6243	T	3	3.500	2-1/2	VLZFZ			HYD1ES4, FMB1403087
PS-2147	V	3	3.500	2-1/2	BCFJF			HYD1S17
PS-3994	C	3	3.500	2-3/4	BCFJF			HYD1CB3
PS-6239	C	3	3.500	2-3/4	BLFLF			HYD1EH3
PS-4366	C	3	3.500	2-3/4	BLFZF			HYD1CM3
PS-2154-TC-SEAT	C	3	3.500	2-3/4	B/VCFZF			FMB060882X01
PS-3661	C	3	3.500	2-3/4	VLZFZ			HYD1DJ3
PS-2148	K	3	3.500	2-3/4	BCFJF			HYD1AD11
PS-328	E	3	3.375	2-5/8	BCFJF			HYD1AA8, HYD1Q6
PS-542	E	3	3.375	2-5/8	BCFKF			
PS-329	E	3	3.750	2-7/8	BCFJF			HYD1Q7
PS-2153	C	3	3.875	3	BCFJF			HYD1EF3
PS-2115	C	3	3.875	3	BCFKF		Collar supplied upon request	HYD1BX4
PS-3600	C	3	3.875	3	BCFKF			HYD1CE3
PS-2115-TC-SEAT	C	3	3.875	3	BCFZF			FMB060882X02
PS-6240	C	3	3.875	3	BLFLF			HYD1EH4
PS-3701	C	3	3.875	3	BLFZF			HYD1CM4
PS-6249-SC-TC	C	3	3.875	3	BLFZF			HYD1CN3
PS-6249	C	3	3.875	3	BZFZF			HYD1CK3
PS-6250	C	3	3.875	3	VCFKF			HYD1CS3
PS-475	E	3	3.875	3	BCDKF			HYD1BE4
PS-324SS	E	3	3.875	3	BCFJF			HYD1BG4
PS-3969	E	3	4.000	3	BCFJF			HYD1CX3
PS-7993	T	3	4.000	3	BCFJF			HYD1CW3
PS-3836	U	3	3.875	3	BCFJF			HYD1AA7
PS-7215	V	3	4.000	3	BCFJF	316SS		HYD1S18
PS-4069	V	3	4.000	3	BCFZF			FMB061419X01
PS-4127	C	3	4.125	3-1/4	BCFJF			HYD1EF4
PS-6258	C	3	4.125	3-1/4	BCFKF			HYD1CE4
PS-3702	C	3	4.125	3-1/4	BLFZF			HYD1CN4
PS-6253	C	3	4.125	3-1/4	VCFJF			HYD1CR4
PS-6252	C	3	4.125	3-1/4	VCFKF			HYD1CS4
PS-330	E	3	4.125	3-1/4	BCDJF			HYD1Q8
PS-6245	C	3	4.375	3-1/2	BCFKF			HYD1BX6
PS-4019	E	3	4.375	3-1/2	BCFJF	I		HYD1BG5
PS-4881	E	3	4.375	3-1/2	BCFKF			HYD1BE5
PS-3499	E	3	4.625	3-5/8	BCFJF			HYD1CX4
PS-3684	T	3	4.625	3-5/8	BCFJF			HYD1CW4
PS-3645	T	3	4.625	3-5/8	BLFZF			
PS-6237	T	3	4.625	3-5/8	BCFZF			FMB083739BO1 FMB213293X01
PS-3779	V	3	4.625	3-5/8	BCFJF			HYD1S19
PS-4014	D	3	4.625	3-3/4	BLFZF			HYD1DB3, HYD1DC1

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FEDERAL PUMP</b>								
PS-501	A	1	1.250	5/8	BMFJF			
PS-293	A	14	.815	5/8	BMFKF		Seat is Metal to Metal Press Fit	
PS-293-EPR	A	14	.815	5/8	QCFKF		Seat is Metal to Metal Press Fit	
PS-245	C	1	1.625	1	BCFJF	B/H		
PS-248	C	1	1.625	1	BCFKF	B/H		
PS-380	D	1	1.625	1	BCFJF			
PS-246	C	1	1.875	1-1/4	BCFJF	B/H		
PS-249	C	1	1.875	1-1/4	BCFKF	B/H		
PS-381	D	1	1.875	1-1/4	BCFJF			
PS-547	C	3	2.000	1-3/8	BCFKF			
PS-682	C	1	2.156	1-1/2	BCFJF	B/H		
PS-247	C	1	2.156	1-1/2	BCFKF	B/H		
PS-382	D	1	2.125	1-1/2	BCFJF			
PS-446	C	1	2.500	1-3/4	BCFJF			
PS-205	E	1	2.500	1-3/4	BCFJF			
<b>FINISH THOMPSON, INC.</b>								
PS-359-EPR-CMS	C	1	1.250	5/8	QCFJF			J101256
PS-3216	D	3 Special	2.000	1-3/8	VCFJF	316SS		J100122
PS-3196	K	3	2.000	1-3/8	VCFJF			J100124
PS-8110	XB2	3	2.000	1-3/8	VCFJF	316SS		J100123
<b>FINN CORP.</b>								
PS-185	C	1	1.875	1-1/4	BCFJF			080485
<b>FLINT &amp; WALLING (Div. of ZOELLER CO.)</b>								
PS-165	B	9	.906	1/2	BMFJF	A		132891/92
PS-800	C	1	1.156	5/8	BMFJF	H	Models BPA, C, C6267, CA	AC-16,131100 132377
PS-201	A	1	1.375	3/4	BMFJF		81, 82, 83, 605, 607, 609 Shallow Well, 64, 65, 66, 67, 68 Deep Well	126544, 126545
PS-687	C	1	1.500	7/8	BCFKF			121224
PS-357	C	1	1.625	1	BCFKF		Series C211	129868
PS-204	E	1	1.750	1-1/8	BCFJF			
PS-185	C	1	1.875	1-1/4	BCFJF		Spring Supplied by Customer	136557
<b>FLO FAB</b>								
PS-185V-SC-SC	C	1	1.875	1-1/4	VLFLF			
<b>FLOWAY (Div. of WEIR SPECIALTY PUMPS)</b>								
PS-252	D	3	1.625	1	BCFKF			542949-2010
PS-264	E	3	1.875	1-1/4	BCFKF			545305-1010, 231-31-413
<b>FLOWERVE CORP. (See DURCO, IDP and WORTHINGTON)</b>								
PS-928	C	—	—	9/16	BCF-F		1 GAM	055954-00, 27337583
PS-4292	C	3	1.031	9/16	BCFKF		1 GAM	
PS-3542	C	3	1.031	9/16	VCFKF		1 GAM	74744277
PS-516	A	1	1.250	5/8	BCFJF			74297284
PS-528	A	1	1.375	5/8	BMFJF			28518652
PS-637	A	3	1.250	5/8	BMFJF			60311669
PS-933	C	—	—	5/8	BCF-F			055955-00, 27337591
PS-3915	C	1	1.250	5/8	BCFJF	H		749082-37
PS-359V-CMS	C	1	1.250	5/8	VCFJF			74315409
PS-626	C	1	1.375	5/8	VCFJF			PO2099-00, 28518660
PS-7635	C	3	1.062	5/8	VCFKF		2 GA	74744285
PS-951	C	3	1.375	5/8	VCFKF			PO2752-00, 74262767
PS-564	C	—	—	3/4	BCF-F			024439-00, 27197623
PS-2236	C	3	1.375	3/4	BCFJF			60721792, 60980901
PS-3068	C	3	1.375	3/4	QLFLF		SMP	
PS-2235	C	3	1.375	3/4	VCFJF			60724572
PS-3074	C	3	1.375	3/4	VLFLF		SMP 2000	
PS-4093	E	3	1.187	3/4	QCFKF		3&4 GAM	
PS-7994	E	3	1.187	3/4	VCFKF		3&4 GAM	
PS-602	D	1	1.562	7/8	BCDJF			1802AJCTYP1RO75XP171
PS-936	E	—	—	7/8	BCF-F			60110418
PS-7859V	E	3	1.312	7/8	VCFKF	316SS	5&6 GAM	024440-00, 27197631
								74744301

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FLOWERVE CORP. (See DURCO, IDP and WORTHINGTON) (continued)</b>								
PS-845	U	3	1.562	15/16	BCFGF			27252691
PS-560V	U	3	1.562	15/16	VCFKF			031446-01, 74744319
PS-252	D	3	1.625	1	BCFKF			82230962
PS-8112	XB2	3	1.625	1	BCFKF	316SS		
PS-348	C	—	—	1-1/8	BCF-F			PO2885-00, 28518934 68885854
PS-348V	C	—	—	1-1/8	VCF-F			PO2889-00, 74262874
PS-356	C	1	1.750	1-1/8	BCFJF			74908260
PS-801	C	3	1.750	1-1/8	B/VCFJF			60954526
PS-355V	C	3	1.750	1-1/8	VCFKF			39633201
PS-604	D	1	1.750	1-1/8	BCFJF			60110434
PS-605	D	1	1.750	1-1/8	BCFKF			CPM-10055, 60110442
FA-607	E	—	—	1-1/8	BCF-F			053129-00, 68885870 68885896, 74308461
FA-608V	E	—	—	1-1/8	VCF-F			60954690
PS-607	E	1	1.687	1-1/8	BCFJF			60110327, 60110335
PS-384	E	1	1.750	1-1/8	BCFKF			60110616
PS-867	E	3	1.750	1-1/8	BCFKF			69237592
PS-4262	E	3	1.750	1-1/8	B/VCFKF			68885862
PS-204V	E	3	1.750	1-1/8	VCFJF			60954682
PS-3060	E	3	1.750	1-1/8	VCFJF	316SS/C/I		78925468
PS-867V-TC-SEAT	E	3	1.750	1-1/8	VCFZF			60954716
PS-1636	E	3	1.812	1-1/8	B/VCFJF			60514098
PS-1637	E	3	1.812	1-1/8	B/VCFKF			60514254
T9-1125	WT	—	—	1-1/8	TCF-F	316SS		PO2877-00, 258188-01 60954914
PS-723	T	1	1.875	1-3/16	BCDJF			60111267
PS-618	C	3	1.875	1-1/4	BCFJF			60721800, 60980918 60980919
PS-618-EPR-P66	C	3	1.875	1-1/4	QCFJF	I		74737990
PS-2203	C	3	1.875	1-1/4	QCFKF	I		68867910
PS-7436	C	3	1.875	1-1/4	QCFZF	I		60671328
PS-185V	C	3	1.875	1-1/4	VCFJF			68867902
PS-756V	C	3	1.875	1-1/4	VCFKF			74898800
PS-618V-TC-SEAT	C	3	1.875	1-1/4	VCFZF			60727401
PS-7972	G	1	1.875	1-1/4	BLFLF		Model 4MSX7 See PS-7971 for Upper Seal	81955064 - Lower Seal
PS-394	U	3	1.875	1-1/4	BCF/DKF			031448-00
PS-394V	U	3	1.875	1-1/4	VCF/DKF			78978772
PS-172	C	—	—	1-3/8	BCF-F			PO2886-00, 28518868
FA-10165	C	—	—	1-3/8	QCF-F	I		74332321, 80631400
PS-172V	C	—	—	1-3/8	VCF-F			PO2890-00, 28518884
PS-4163	E	—	—	1-3/8	QCF-F	316SS/C/I		74712241
PS-2104V	E	—	—	1-3/8	VCF-F			74816034
PS-4087	E	—	—	1-3/8	VCF-F	316SS/C		PO2874-00
PS-3925	E	3	2.125	1-3/8	VCFJF			74816117
PS-7971	G	1	2.000	1-3/8	BCFJF		See PS-7972 for Lower Seal	81955072 - Upper Seal
PS-3014	G	1	2.000	1-3/8	BLFZF	316SS		81981193
PS-725	T	1	2.000	1-3/8	BCFJF			60111275
PS-561SS	U	1	2.000	1-3/8	BCFKF			050498-00, 026457-00 27215094
PS-8111	XB2	3	2.125	1-7/16	BCFKF	316SS		81918523
PS-2106	E	—	—	1-1/2	BCF-F			05484500, 27335819 68886167, 68886175 69170181
PS-2106V	E	—	—	1-1/2	VCF-F			60506169, 60549581 74332164, 80612400
PS-258	E	3	2.125	1-1/2	BCFKF			68886100, 68886118
PS-305V	E	3	2.125	1-1/2	VCFJF			68886068
PS-4034	E	3	2.312	1-1/2	BCFZF			60514148
PS-1648	E	3	2.312	1-1/2	B/VCFKF			60514130, 60514288

**NOTE:** C. COMPLETE WITH COLLAR  
I. ABRASION RESISTANT CARBON (P66)

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FLOWERVE CORP. (See DURCO, IDP and WORTHINGTON) (continued)</b>								
PS-1651	E	3	2.312	1-1/2	VCFJF		H/HC	60514122
PS-1652	E	3	2.312	1-1/2	VCFKF			60514726
PS-239-EPR	C	3	2.375	1-5/8	QCFKF			60727328
PS-609	E	1	2.312	1-5/8	BCDJF			60110343
PS-610	E	1	2.312	1-5/8	BCFKF			60110350
PS-2108	C	—	—	1-3/4	BCF-F			28518876
FA-10159	C	—	—	1-3/4	BRF-F			74334681, 80996900
FA-10045	C	—	—	1-3/4	VCF-F			PO2891-00, 74262882
PS-2109	E	—	—	1-3/4	BCF-F			PO2871-00, 28518785
PS-7950	E	3	2.312	1-3/4	QCFZF	I		74840992
PS-366V	E	3	2.500	1-3/4	VCFKF			74780065
PS-3016	G	1	2.500	1-3/4	BLFLF			81974883
PS-4216	G	1	2.500	1-3/4	BLFZF			81974917
PS-3884	U	1	2.500	1-3/4	VCFZF			
FA-9400	WT	—	—	1-3/4	TCF-F			28518843, PO2883-00
FA-513V	E	—	—	1-7/8	VCF-F			60954765
FA-4193	E	—	—	1-7/8	VCF-F	316SS		AY38032C-HF50
PS-2072	E	3	2.625	1-7/8	BCFKF			60433083, 60434321 68885987
PS-7951	E	3	2.625	1-7/8	QCFZF	316SS/I		60433125
PS-1659	E	3	2.625	1-7/8	VCFJF			60954757
PS-1660	E	3	2.625	1-7/8	VCFKF			60954807
PS-4193	E	3	2.625	1-7/8	VCFZF	316SS		
PS-3648	EB	Special	2.687	1-7/8	VCFZF			60502697
PS-3017	G	1	2.625	1-7/8	BCFJF			81974875
PS-3018	G	1	2.625	1-7/8	BLFLF	316SS		81974909
PS-9709	WT	3	2.625	1-7/8	T/VCFJF	316SS		.
PS-530	E	3	2.750	2	BCFJF			60110780
PS-477	E	3	2.750	2	BCFKF			60110756, 69261352
PS-477V	E	3	2.750	2	VCFKF			78945368
PS-8053	XB1T	3	2.500	2	VCFZF	316SS/S	A Line	
PS-456-EPR	U	3	2.750	2	QCFKF			75329441
PS-3591	U	3	2.750	2	QCFZF	I		75329490
PS-456V	U	3	2.750	2	VCFKF			75329540
PS-8119	XBT	3	2.500	2	VCFJF	316SS		
FA-2120	C	—	—	2-1/8	BCF-F			PO2888-00
PS-1612	E	3	2.812	2-1/8	BCFKF			60110376
PS-4146	EB	5	2.625	2-1/8	BCFZF		100 Series S Line	
FA-350V	E	—	—	2-3/8	VCF-F			60969805
PS-278V	E	3	3.250	2-3/8	VCFJF			60969797
PS-4492	E	3	3.250	2-3/8	VLFLF		10X8X13HOC	
PS-3936V-TC-SEAT	EB	3	3.125	2-3/8	VCFZF			
PS-3073	G	1	3.125	2-3/8	BCFLF	316SS		88380754
PS-3008	G	1	3.250	2-3/8	BCFJF			81974891
PS-3022	G	1	3.250	2-3/8	BLFZF			81974941
PS-8113	XBT	3	3.250	2-3/8	VCFJF	316SS	8X10X13HOC	
PS-2205-EPR	E	3	3.375	2-1/2	QCFKF	I		60647260
PS-279V	E	3	3.375	2-1/2	VCFJF		8X6X13 HOC-3	74816125 1802AJCTYP1A250-XF1C1
PS-349V	E	3	3.375	2-1/2	VCFKF			75514554
PS-4392	E	3	3.625	2-5/8	QCFLF	C		
PS-8102	XB	3	3.375	2-3/4	VCFZF	316SS		
PS-475	E	3	3.875	3	BCDKF			60434883
PS-5252	E	3	3.875	3	BCFKF			74841065
PS-325SS	U	3	4.125	3-1/4	BCFKF			69261378
PS-3157	U	3	4.125	3-1/4	BZFZF	C		69981555
PS-4475	U	3	4.125	3-1/4	QCFJF	316SS/C		
PS-4483	U	3	4.125	3-1/4	VCFZF			753860-78
PS-7986	U	3	4.625	3-3/4	BCDKF			60311578

# PUMP MANUFACTURERS' CROSS-REFERENCE

Flygt Model No.	Upper Seal Part No.	Seal Size MM	Materials of Construction	Lower Seal Part No.	Seal Size MM	Materials of Construction	Buna O-Ring Kit Part No.
<b>FLYGT</b>							
2066	VGf-02020	20	Ca/TC/B	VGf-03020	20	TC/TC/V	VGf-2066-OKIT
2102.040	VGf-09022	22	TC/TC/B	VGf-10022	22	TC/TC/V	VGf-2102-OKIT
2102.041	VGf-07022	22	TC/TC/B	VGf-08022	22	TC/TC/V	VGf-2102-OKIT
2102.210	VGf-07022	22	TC/TC/B	VGf-08022	22	TC/TC/V	VGf-2102-OKIT
2125	VGf-19028	28	TC/TC/B	VGf-20028	28	TC/TC/V	VGf-2125-OKIT
2140	VGf-19028	28	TC/TC/B	VGf-20028	28	TC/TC/V	VGf-2140-OKIT
2151.010	VGf-21035	35	TC/TC/B	VGf-22035	35	TC/TC/V	VGf-2151-OKIT
2151.011	VGf-21035	35	TC/TC/B	VGf-23035	35	TC/TC/V	VGf-2151-OKIT
2151.050	VGf-21035	35	TC/TC/B	VGf-23035	35	TC/TC/V	VGf-2151-OKIT
2201.011LT	VGf-28045	45	Ca/TC/B	VGf-29045	45	TC/TC/V	VGf-3152-OKIT
2250	VGf-30060	60	Ca/TC/B	VGf-31060	60	TC/TC/V	VGf-2250-OKIT
2400	VGf-34060	60	TC/TC/B	VGf-35060	60	TC/TC/V	VGf-2400-OKIT
3066	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3066-OKIT
3067.090	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3067-OKIT
3067.170	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3067-OKIT
3067.180	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3067-OKIT
3067.250	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3067-OKIT
3067.590	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3067-OKIT
3067.690	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3067-OKIT
3067.890	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3067-OKIT
3082	VGf-09022	22	TC/TC/B	VGf-10022	22	TC/TC/V	VGf-3082-OKIT
3085.091	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.092	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.120	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.170	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.171	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.172	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.180	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.181	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.182	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.280	VGf-04020	20	Ce/Ca/B	VGf-06020	20	TC/TC/V	VGf-3085-OKIT
3085.290	VGf-04020	20	Ce/Ca/B	VGf-06020	20	TC/TC/V	VGf-3085-OKIT
3085.890	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3085.891	VGf-04020	20	Ce/Ca/B	VGf-05020	20	TC/TC/V	VGf-3085-OKIT
3101	VGf-17028	28	TC/TC/B	VGf-18028	28	TC/TC/V	VGf-3101-OKIT
3102	VGf-14025	25	Ce/TC/B	VGf-15025	25	TC/TC/V	VGf-3102-OKIT
3126.090	VGf-21035	35	TC/TC/B	VGf-22035	35	TC/TC/V	VGf-3126-OKIT
3126.091	VGf-21035	35	TC/TC/B	VGf-25035	35	TC/TC/V	VGf-3126-OKIT
3126.180	VGf-21035	35	TC/TC/B	VGf-22035	35	TC/TC/V	VGf-3126-OKIT
3126.181	VGf-24035	35	Ca/TC/B	VGf-25035	35	TC/TC/V	VGf-3126-OKIT
3126.280	VGf-21035	35	TC/TC/B	VGf-25035	35	TC/TC/V	VGf-3126-OKIT
3126.290	VGf-21035	35	TC/TC/B	VGf-25035	35	TC/TC/V	VGf-3126-OKIT
3127	VGf-24035	35	Ca/TC/B	VGf-25035	35	TC/TC/V	VGf-3127-OKIT
3140	VGf-28045	45	Ca/TC/B	VGf-29045	45	TC/TC/V	VGf-3140-OKIT
3152	VGf-28045	45	Ca/TC/B	VGf-29045	45	TC/TC/V	VGf-3152-OKIT
3170	VGf-32060	60	Ca/TC/B	VGf-33060	60	TC/TC/V	VGf-3201-OKIT
3201	VGf-32060	60	Ca/TC/B	VGf-33060	60	TC/TC/V	VGf-3201-OKIT
3300.091	VGf-36090	90	TC/TC/B	VGf-37080	80	TC/TC/V	VGf-3300-OKIT
3300.181	VGf-36090	90	TC/TC/B	VGf-37080	80	TC/TC/V	VGf-3300-OKIT
3300.280	VGf-36090	90	TC/TC/B	VGf-37080	80	TC/TC/V	VGf-3300-OKIT
3300.980	VGf-36090	90	TC/TC/B	VGf-37080	80	TC/TC/V	VGf-3300-OKIT
3530	VGf-36090	90	TC/TC/B	VGf-39120	120	TC/TC/V	Call

**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.



# PUMP MANUFACTURERS' CROSS-REFERENCE

Flygt Model No.	Value Guard Part No.	Seal Size MM	Materials of Construction	Buna O-Ring Part No.
<b>FLYGT PLUG-IN™</b>				
2610	VG-20000	20	TC/TC/V // TC/Ce/V	VG-2610-OKIT
2620	VG-20000	20	TC/TC/V // TC/Ce/V	VG-2620-OKIT
2630	VG-20000	20	TC/TC/V // TC/Ce/V	VG-2630-OKIT
2640	VG-20000	20	TC/TC/V // TC/Ce/V	VG-2640-OKIT
2660	VG-20001	25	SIC/SIC/V // TC/Ce/V	Call
2670	VG-20002	35	TC/TC/V // TC/TC/V	VG-2670-OKIT
3153	VG-20002	35	TC/TC/V // TC/TC/V	VG-3153-OKIT
3171	VG-20003	45	TC/TC/V // TC/TC/V	VG-3171-OKIT
3202	VG-20004	60	TC/TC/V // TC/TC/V	VG-3202-OKIT
3301	VG-20005	80	TC/TC/V // TC/TC/V	VG-3301-OKIT
4610	VG-20000	20	TC/TC/V // TC/Ce/V	VG-4610-OKIT
4620	VG-20000	20	TC/TC/V // TC/Ce/V	VG-4610-OKIT
4630	VG-20001	25	SIC/SIC/V // TC/Ce/V	VG-4630-OKIT
4640	VG-20001	25	SIC/SIC/V // TC/Ce/V	VG-4630-OKIT
4650	VG-20003	45	TC/TC/V // TC/TC/V	VG-4650-OKIT
4660	VG-20003	45	TC/TC/V // TC/TC/V	VG-4650-OKIT
4670	VG-20004	60	TC/TC/V // TC/TC/V	VG-4670-OKIT
4680	VG-20004	60	TC/TC/V // TC/TC/V	VG-4670-OKIT
5100.210	VG-20002	35	TC/TC/V // TC/TC/V	VG-5100-OKIT
5100.211	VG-20002	35	TC/TC/V // TC/TC/V	VG-5100-211-OKIT
5100.220	VG-20002	35	TC/TC/V // TC/TC/V	VG-5100-OKIT
5100.221	VG-20002	35	TC/TC/V // TC/TC/V	VG-5100-211-OKIT
5100.250	VG-20003	45	TC/TC/V // TC/TC/V	VG-5100-250-OKIT
5100.251	VG-20003	45	TC/TC/V // TC/TC/V	VG-5100-250-OKIT
5100.260	VG-20003	45	TC/TC/V // TC/TC/V	VG-5100-250-OKIT
5100.261	VG-20003	45	TC/TC/V // TC/TC/V	VG-5100-250-OKIT
5100.300	VG-20004	60	TC/TC/V // TC/TC/V	VG-5100-300-OKIT
5100.310	VG-20004	60	TC/TC/V // TC/TC/V	VG-5100-300-OKIT
5150.300	VG-20004	60	TC/TC/V // TC/TC/V	VG-5150-300-OKIT
5150.310	VG-20004	60	TC/TC/V // TC/Ce/V	VG-5150-300-OKIT
5150.350	VG-20005	80	TC/TC/V // TC/TC/V	VG-5150-350-OKIT
5150.360	VG-20005	80	TC/TC/V // TC/TC/V	VG-5150-350-OKIT

**Materials of Construction Explanation**

SIC/SIC/V // TC/Ce/V      Silicon Carbide / Silicon Carbide / Viton® vs Tungsten Carbide / Ceramic / Viton®  
 TC/TC/V // TC/Ce/V      Tungsten Carbide / Tungsten Carbide / Viton® vs Tungsten Carbide / Ceramic / Viton®  
 TC/TC/V // TC/TC/V      Tungsten Carbide / Tungsten Carbide / Viton® vs Tungsten Carbide / Tungsten Carbide / Viton®

**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.





# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>FOOTE BROTHERS</b>								
PS-383	D	1	1.875	1-1/4	BCFKF			
PS-186	D	1	2.000	1-3/8	BCDKF			
PS-371	D	1	2.125	1-1/2	BCFKF			
PS-462	D	1	2.750	2	BCDKF			
<b>FRANKLIN ELECTRIC CO., INC. (LITTLE GIANT PUMP CO., MONARCH PUMPS)</b>								
PS-200	A	1	1.250	5/8	BMFJF			106196105
PS-200V-CMS	A	1	1.250	5/8	VCFJF			240316
PS-1021	B	8	—	5/8	BMFJF	A		292456101
PS-452	B	9	—	5/8	BMFJF	A		
PS-3960	G	1	1.250	5/8	BCFJF			240104
PS-877	C	1	1.375	3/4	BCFJF			106196102
PS-360	A	1	1.625	1	BCFJF			240180
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			240362
PS-360V-CMS	A	1	1.625	1	VCFJF			240369
PS-2122	C	1	1.875	1-1/4	BCFJF			106196101
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			240359
<b>FRANKLIN PUMP SYSTEMS (Div. of JACUZZI)</b>								
PS-200	A	1	1.250	5/8	BMFJF			10000206
PS-201	A	1	1.375	3/4	BMFJF			10150209, 100002060001
PS-546	E	3	1.875	1-1/4	BCFJF			10153104
PS-877	C	1	1.375	3/4	BCFJF			10120301, 10123010001
PS-235	C	1	1.625	1	BCFJF			10129906
PS-2122	C	1	1.875	1-1/4	BCFJF			106196101
PS-2142	C	1	2.500	1-3/4	BCFJF			10037000
<b>FREDERICK PUMP &amp; ENGINE</b>								
PS-952	A	1	1.250	5/8	BCFJF			
PS-360	A	1	1.625	1	BCFJF			
PS-185	C	1	1.875	1-1/4	BCFJF			
PS-756V	C	3	1.875	1-1/4	VCFKF			80912
PS-1042	U	1	2.500	1-3/4	BCFJF			
<b>FRICK CO.</b>								
PS-492-CMS	C	1	3.250	2-3/8	BCFKF		80BA2-47	
PS-4028	K	3 Special	4.500	2-7/8	NCFGF		Model MRI-90	

Value Guard Part No.	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>FRISTAM PUMPS® - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>FP, FPX Size 633</b>				
VGFS-4001	Single	22MM	VLFCF	1802600004
VGFS-4000	Single	22MM	VWFCF	1802600002
VGFS-4002	Double	22MM	VW/JFCF	1802600000
VGFS-4003	Double	22MM	VL/JFCF	1802600003
VGFS-4004	Double	22MM	VLFCF	1802600295
<b>Split - 2 Piece Mating Ring</b>				
VGFS-4005	Single	22MM	VLFLF	1802600005
VGFS-4006	Single	22MM	VWFLF	1802600135
VGFS-4007	Double	22MM	VL/JFL/CF	1802600006
VGFS-4008	Double	22MM	VW/JFL/CF	1802600140
<b>FP, FPX Size 735</b>				
VGFS-4011	Single	30MM	VLFCF	1802600296
VGFS-4010	Single	30MM	VWFCF	1802600127
VGFS-4012	Double	30MM	VW/JFCF	1802600128
VGFS-4013	Double	30MM	VL/JFCF	1802600288
VGFS-4014	Double	30MM	VLFCF	1802600312
<b>Tapered Mating Ring ID</b>				
VGFS-4015	Single	30MM	VWFCF	1802600310



**VGFS-4000**

**NOTE:** A. MOUNTS ON SHAFT

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>FRISTAM PUMPS® - Replacement Seals for Food, Dairy &amp; Beverage Processing (continued)</b>				
<b>FP, FPX Size 735 - Split - 2 Piece Mating Ring</b>				
VGFS-4016	Single	30MM	VLFLF	1802600129
VGFS-4017	Single	30MM	VWFLF	1802600143
VGFS-4018	Double	30MM	VL/JFL/CF	1802600130
VGFS-4019	Double	30MM	VW/JFL/CF	1802600142
<b>FP, FPX Size 736</b>				
VGFS-4021	Single	35MM	VLFCF	1802600337
VGFS-4020	Single	35MM	VWFCF	1802600009
VGFS-4022	Double	35MM	VW/JFCF	1802600131
VGFS-4023	Double	35MM	VLFCF	1802600301
VGFS-4024	Double	35MM	VL/JFCF	1802600328
<b>Split - 2 Piece Mating Ring</b>				
VGFS-4025	Single	35MM	VLFLF	1802600132
VGFS-4026	Single	35MM	VWFLF	1802600141
VGFS-4027	Double	35MM	VL/JFL/CF	1802600139
VGFS-4028	Double	35MM	VW/JFL/CF	1802600393
<b>FPR</b>				
VGFS-4030	Single	30MM	VLFLF	1802600639
VGFS-4031	Single	30MM	VWFCF	1802600651
VGFS-4032	Single	30MM	VWFLF	1802600678
VGFS-4034	Double	30MM	QL/JFCF	1802600845
VGFS-4033	Double	30MM	VW/JFCF	1802600775
<b>FT</b>				
VGFS-4040	Single	30MM	VWFCF	1802600027
VGFS-4042	Single	30MM	VWFLF	1802600340
VGFS-4041	Single	30MM	VLFLF	1802600306
<b>FZX 2000 Mixer Pump</b>				
VGFS-4052	Single	30MM	VLFCF	1802600014
VGFS-4051	Single	30MM	VLFLF	1802600012
VGFS-4050	Single	30MM	VWFCF	1802600010
VGFS-4053	Single	30MM	VWFLF	1802600016



VGFS-4022

Value Guard Part No.	Head	Seal Size	Material Code	Notes	Mfg. Part No.
<b>FYBROC (Div. of MET-PRO CORP.)</b>					
VG-81375	VGXB2	1-3/8	X/TCFJF	316SS	08976C010
VG-81376	VGXB2	1-3/8	X/TCFLF	316SS	08976C100
VG-82125	VGXB2	2-1/8	X/TCFJF	316SS	08975C010
VG-82126	VGXB2	2-1/8	X/TCFLF	316SS	08975C070
VG-82875	VGXB2	2-7/8	X/TCFJF	316SS	08974C010
VG-82876	VGXB2	2-7/8	X/TCFLF	316SS	—

- Multi-spring , outside mounted
- Full clamp flush design mating ring



Type VGXB2  
Shown with Ceramic mating ring



Type VGXB2  
Shown with Silicon Carbide mating ring

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GALION</b>								
PS-157	C	—	—	3/4	BCF-F			
PS-397	C	—	—	1	BCF-F			
<b>GARDNER DENVER</b>								
PS-441	B	9	—	3/4	BMFKF	A		60BN-1
PS-373	C	1	1.375	3/4	BCFKF			60AY-10
PS-360	A	1	1.625	1	BCFJF			60BT-11
PS-370	A	1	1.625	1	BCFKF			60BT-1
PS-357V	C	3	1.625	1	VCFKF			
PS-236	E	1	1.625	1	BCFKF			60AY-2,16 & 18
PS-605	D	1	1.750	1-1/8	BCFKF			60BC-10
PS-384	E	1	1.750	1-1/8	BCFKF			60AY-11 & 13
PS-3173	C	3	1.875	1-1/4	VCFKF	S		60DD-591
PS-383	D	1	1.875	1-1/4	BCFKF			60BC-3
PS-6036	D	2	1.875	1-1/4	VCPFP			60DD-597
PS-186	D	1	2.000	1-3/8	BCDKF			60BC-14
PS-6048	D	3	2.000	1-3/8	VCPSP			60DD-594
PS-354	E	1	2.000	1-3/8	BCFJF			
PS-7367	C	Special	2.718	1-7/16	VCFGF			60DD-52
PS-6055	E	28	2.718	1-7/16	VCPGP			60DD-105
PS-6056	X	27 Special	2.718	1-7/16	VCFSF			60SS-593
PS-382	D	1	2.125	1-1/2	BCFJF			
PS-371	D	1	2.125	1-1/2	BCFKF			
PS-374	E	1	2.125	1-1/2	BCFKF			60AY-21
PS-239V	C	3	2.375	1-5/8	VCFKF			60BC-2-5
PS-6005	C	3	2.375	1-5/8	VCFKF			60DD-86
PS-6075	D	3	2.375	1-5/8	VCPSP			60DD-592
PS-312V	C	3	2.625	1-7/8	VCFKF			60DD-98
PS-593	D	3	2.625	1-7/8	BCDKF			60BC-9, 12
PS-6094	D	3	2.625	1-7/8	VCPSP			60DD-599
PS-2070	E	1	2.625	1-7/8	BCFKF			60AY-20
PS-3955	C	27 Special	3.125	2-1/4	VCFGF			60DD-53
PS-1676V	C	3	3.125	2-1/4	VCFKF			60DD-104
PS-5358	D	3	3.125	2-1/4	Special			60DD-595
PS-351	E	1	3.125	2-1/4	BCDKF			60AY-15
PS-463	D	3	3.375	2-1/2	BCDKF			60BC-8
PS-6154	C	27	4.406	2-3/4	VCFGF			60DD-54
PS-6174	E	3	3.875	3	VCDGP			00519056 0030
<b>GARDNER DENVER LEROI</b>								
PS-687V	C	3	1.500	7/8	VCFKF			125-907
PS-460V	D	3	1.625	1	VCFKF	S		125-988
PS-598	C	3	1.875	1-1/4	BCFKF			H125.775
PS-4431	D	3	1.875	1-1/4	VLFLF			125.9831
PS-210V	C	3	2.000	1-3/8	VCFKF		Model A204-1455	125-940
PS-467	C	1	2.125	1-3/8	BCFKF			
PS-467V	C	3	2.125	1-3/8	VCFKF			125-188-2
PS-371V-SC-SC	D	3	2.125	1-1/2	VLFLF			125.9821
PS-1676V	C	3	3.125	2-1/4	VCFKF			125.927
PS-6002	D	3	3.375	2-5/8	VCFKF			125-848
PS-6155	C	3	3.500	2-3/4	VCFKF	S		125-711
<b>GARWOOD INDUSTRIES</b>								
PS-303	D	1	1.500	7/8	BCDKF			206556
PS-227	D	1	1.750	1	BCFKF			
PS-210	C	1	2.000	1-3/8	BCFKF			2016264
PS-376	D	—	—	1-3/8	BCD-F			2039056
<b>GE OSMONICS</b>								
PS-4272	C	1	1.250	5/8	BCFJF	316SS		1113515
PS-552-EPR-P66	C	3	1.250	5/8	QCFJF	I		1114630
PS-3148	E	3	1.250	5/8	BCFJF			1113517
PS-235V	C	3	1.625	1	VCFJF			
PS-791	E	3	1.625	1	BCFKF			1114326
PS-3129	E	3	1.625	1	QCFZF			1201945
PS-2047V	D	3	2.000	1-3/8	VCFJF			3011311

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

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GEARMASTER</b>								
PS-1043	C	1	1.000	1/2	BMFJF			A34-3970
<b>GECKO ALLIANCE, INC.</b>								
PS-200	A	1	1.250	5/8	BMFJF		Circ-Master®, Dominator®—High Head Dominator®—Medium Head, Flo-Master® Pond-Flo, Tub-Master®	92500150 92500151
PS-200V-CMS	A	1	1.250	5/8	VCFJF			92500152
PS-2131	A	31	—	5/8	BMFJF	G	Flo-Master®, Tub-Master®	91049000
PS-642	B	—	—	5/8	BMF-F			
PS-1021	B	8	—	5/8	BMFJF	A	K-81159 PU10	
PS-1000	B	1	1.250	5/8	BMFJF		A, B, and D-Series A, C, and D-Series, Dominator® High and Medium head – pre 1995	92509040 92500050
PS-201	A	1	1.375	3/4	BMFJF			
PS-309	C	1	1.500	7/8	BCFJF		AC Series	92500000
PS-774	C	3	1.500	7/8	BCFJF			
PS-361	E	1	1.875	1-1/4	BCFJF			
<b>GECO SALES</b>								
PS-1000	B	1	1.250	5/8	BMFJF			
<b>GENERAL MOTORS CORP. (GMC)</b>								
PS-642	B	—	—	5/8	BMF-F			5121751
PS-933	C	—	—	5/8	BCF-F			5186571
PS-752	D	1	1.375	3/4	BCDKF			5186113
PS-192	C	3	2.125	1-1/2	NCFGF			
<b>GENERAL PUMP</b>								
PS-200	A	1	1.250	5/8	BMFJF			
PS-810	C	1	1.250	5/8	N/BCFJF	B		
<b>GEORGIA PACIFIC PUMP</b>								
PS-200	A	1	1.250	5/8	BMFJF			
<b>GG INDUSTRIES</b>								
PS-200	A	1	1.250	5/8	BMFJF			P-M03885
PS-642	B	—	—	5/8	BMF-F			P-M03857, P-M07909
PS-1000	B	1	1.250	5/8	BMFJF			P-Seal 4 / P-Seal 5 Mark III
<b>GILBARCO, INC.</b>								
PS-1000	B	1	1.250	5/8	BMFJF			K81159X
PS-756	C	1	1.875	1-1/4	BCFKF			K74050X
PS-514	D	1	2.375	1-5/8	BCDJF			
PS-461	D	1	2.375	1-5/8	BCDKF			
<b>GLT, INC. - (Dishwashers / Disposals)</b>								
PS-6313	Q	1	1.019	1/2	BCFJF			
PS-1085V	C	1	1.250	5/8	VCFJF	B		114696
PS-6318	Q	9	1.578	1-1/8	VMFAF			117071
<b>GORMAN-RUPP CO.</b>								
PS-150	B	—	—	1/2	BMF-F		Seat is Impeller	S8243-4
PS-788	B	1	1.000	1/2	BMFKF			
PS-106	C	1	1.000	1/2	BCFKF			25271-801
PS-106V	C	1	1.000	1/2	VCFKF			25271-802
PS-218	A	—	—	5/8	BCF-F			12873-002
PS-200	A	1	1.250	5/8	BMFJF			S756, S1531
PS-507	A	1	1.250	5/8	BMFKF			
PS-882	B	—	—	5/8	BCF-F			8243-12
PS-118	C	1	1.187	5/8	BCFJF			S809
PS-3915	C	1	1.250	5/8	BCFJF	H		25271-824
PS-1080	C	1	1.250	5/8	NCFKF			25270-113
PS-3121	C	1	1.250	5/8	VCFKF	I		25271-821
PS-1045	C	3	1.250	5/8	VCFJF			
PS-508	D	1	1.250	5/8	BCDJF			S217
PS-795	S	8	1.187	5/8	NAPSP			GS-625
PS-851	A	1	1.375	3/4	BCFJF			S1190

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GORMAN-RUPP CO. (continued)</b>								
PS-601	B	1	1.375	3/4	BMFJF		Model 83E-F13	26822-008
PS-564	C	—	—	3/4	BCF-F			S32
PS-358	C	1	1.375	3/4	BCFJF			S936, S1575
PS-112	C	1	1.375	3/4	BCFKF			S1679
PS-358V-CMS	C	1	1.375	3/4	VCFJF			25271-850
PS-373V	C	1	1.375	3/4	VCFKF			25271-021
PS-5728	C	3	1.375	3/4	VFLF			25284-921
PS-750	D	1	1.375	3/4	BCDJF		Model 82T-A8	S383
PS-752	D	1	1.375	3/4	BCDKF		Model 82T-A8	
PS-792	S	8	1.500	3/4	NAPSP			GS-750
PS-617	C	3	1.500	7/8	BCFKF			25271-159, 25271-855
PS-2027V	D	3	1.500	7/8	VCFKF			
PS-360	A	1	1.625	1	BCFJF			S2147
PS-397	C	—	—	1	BCF-F			S237
PS-235	C	1	1.625	1	BCFJF			S1906, S1832
PS-357	C	1	1.625	1	BCFKF			
PS-499	C	3	1.625	1	BCFKF			25271-869
PS-357V	C	3	1.625	1	VCFKF			25271-870
PS-380	D	1	1.625	1	BCFJF			S1415
PS-460	D	1	1.625	1	BCFKF			S363, S364
PS-4253	DB	3	1.500	1	VCFKF	316SS		25276-251
PS-236	E	1	1.625	1	BCFKF			
PS-557	E	3	1.625	1	B/VCFJF	S		25271-032
PS-791	E	3	1.625	1	BCFKF			S388
PS-793	S	8	1.750	1	NAPSP		Model 13A2-B	GS-1000
PS-9018	W	27	2.156	1	TCFJF	316SS		S1212
PS-348	C	—	—	1-1/8	BCF-F			92055-1112
PS-867	E	3	1.750	1-1/8	BCFKF			25271-039
PS-867V	E	3	1.750	1-1/8	VCFKF			25271-037
PS-756	C	1	1.875	1-1/4	BCFKF			S1621
PS-185-EPR	C	1	1.875	1-1/4	QCFJF			25271-893
PS-598	C	3	1.875	1-1/4	BCFKF			25271-889
PS-185V	C	3	1.875	1-1/4	VCFJF			25271-888
PS-756V	C	3	1.875	1-1/4	VCFKF			25271-836, 25271-886
PS-381	D	1	1.875	1-1/4	BCFJF			S321
PS-383	D	1	1.875	1-1/4	BCFKF			S37, S493
PS-517	D	3	1.875	1-1/4	BCFKF			S493C
PS-981	D	3	1.875	1-1/4	BCFKF			S321A
PS-383V	D	3	1.875	1-1/4	VCFKF			25271-192
PS-361	E	1	1.875	1-1/4	BCFJF			S335
PS-137	E	1	1.875	1-1/4	BCFKF			S350
PS-546	E	3	1.875	1-1/4	BCFJF			42029, 25271-044
PS-137V	E	3	1.875	1-1/4	VCFKF			
PS-4396	E	3	1.875	1-1/4	VCFKF	316SS		25271-043
PS-6259	G	1	1.875	1-1/4	VCFJF	316SS		25276-633
PS-794	S	8	2.125	1-1/4	NAPSP		Model 14C2B	GS-1250
PS-2234	E	3	2.062	1-7/16	BCFKF			25271-051
PS-2234V	E	3	2.062	1-7/16	VCFKF			25271-056
PS-758	C	1	2.125	1-1/2	BCFJF			S1150
PS-553	C	3	2.125	1-1/2	BCFKF			25271-907
PS-659V	C	3	2.125	1-1/2	VCFKF			
PS-5727	C	3	2.125	1-1/2	VRFRF	316SS		25284-961
PS-382	D	1	2.125	1-1/2	BCFJF			S1934
PS-371	D	1	2.125	1-1/2	BCFKF			S283, S317, S774
PS-534	D	3	2.125	1-1/2	BCFKF			
PS-371V	D	3	2.125	1-1/2	VCFKF			25271-207
PS-7079	D	28	2.375	1-1/2	VZFZF			12364A
PS-374	E	1	2.125	1-1/2	BCFKF			S239
PS-8002	X Special	3	2.125	1-1/2	BCFJF			25271-554
PS-544	C	3	2.375	1-5/8	BCFKF			25271-922
PS-239V	C	3	2.375	1-5/8	VCFKF			25271-921

NOTE: S. SLOTTED MATING RING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GORMAN-RUPP CO. (continued)</b>								
PS-2058	E	1	2.375	1-5/8	BCFKF			25271-061
PS-1683	E	3	2.375	1-5/8	BCFJF			25271-064
PS-446	C	1	2.500	1-3/4	BCFJF			S1822
PS-2212	C	1	2.500	1-3/4	BCFJF			25271-947
PS-446V-CMS	C	1	2.500	1-3/4	VCFJF			25271-942
PS-436	C	3	2.500	1-3/4	BCFKF			25271-943
PS-267	C	1	2.750	2	BCFJF			25271-971
PS-267V-CMS	C	1	2.750	2	VCFJF			
PS-332	C	3	2.750	2	BCFKF			S1929
PS-1145	C	3	2.750	2	VCFKF			25271-983
PS-3142	D	3	2.750	2	VZFLF	316SS/S		26835-545
PS-1688	E	3	3.125	2-1/4	BCFJF			25271-095
PS-463	D	3	3.375	2-1/2	BCDKF			
PS-3888	D	3	3.375	2-1/2	VZFLF			26835-541
PS-349V-TC-SC	E	3	3.375	2-1/2	VZFLF			26835-544, 26835-546
PS-6219	D	3	3.875	3	BZFLF			26835-548
PS-4033	D	3	3.875	3	VZFLF			26835-542
PS-3180	C	3	4.125	3-1/4	VCFJF			25271-994

Value Guard Part No.	Head			Seal Size	Material Code		Pump Nameplate Data	Mfg. Part No.
<b>GORMAN-RUPP CO. - S SERIES - Submersible Pump</b>								
VG-7100	VGR			1	BC/ZFK/ZF		Model S3A1	46512-044
VG-7101	VGD			1-1/2	VZFZF		Models S4A1, S4B1, S6C1	12430
PS-382	D			1-1/2	BCFJF		Use for Upper Seal	S1934
VG-7101	VGD			1-1/2	VZFZF		Models S6B1, S8A1, S8B1	12430A
PS-382	D			1-1/2	BCFJF		Use for Upper Seal	S1934
VG-7102	VGD			1-3/4	VZFZF		Model S8C1	46512-055
PS-2212	C			1-3/4	BCFJF		Use for Upper Seal	25271-947

<b>GORMAN-RUPP CO. - T SERIES - Self Priming Pump</b>								
VG-7080	VGD			1-1/2	VLFLF		Models T3, T4, T6	
VG-7079	VGD			1-1/2	VZFZF		Models T3, T4, T6	12364A947
VG-7094	VGDU			1-1/2	VLFLF		Models T3, T4, T6	46513-151
VG-7095	VGDU			1-1/2	VZFZF		Models T3, T4, T6	46513-150
VG-7082	VGD			1-7/8	VLFLF		Model T8	
VG-7081	VGD			1-7/8	VZFZF		Model T8	
VG-7084	VGD			2-3/4	VLFLF		Model T10	
VG-7083	VGD			2-3/4	VZFZF		Model T10	

### 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

### Also Used On:

- All Prime Models S3, S4, S6, S8, S9, S10
- Wemco Models WSP3A, 4A, 6A, 8A, 10A



Type VGD

Type VGDU

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GOULDS PUMPS</b>								
PS-1002	C	1	1.000	1/2	BCFJF		Fig. 3604	742070050
PS-631	C	1	1.000	1/2	BCFJF	N		
PS-1002V	C	1	1.000	1/2	VCFJF			742080050, 742090050
PS-4240	A	1	1.187	5/8	BCFJF			10K10, 10K121
PS-518-SC-SC	A	1	1.187	5/8	BLFLF			10K63
PS-702	A	1	1.187	5/8	BMFJF		Balanced Flow BF-03, Series: LS, LD, G, O, M, XS05,15, 20, 30, 50, Jetomatic, Fig. 3642, 3742, Fig 3672	10K1, 10K6, 704705062 725981062, 20831100
PS-4462	A	1	1.187	5/8	BMFJF			10K2
PS-701	A	1	1.187	5/8	BMFKF		Balanced Flow BF-03, Figs.: 3648, 3628, 3728, 3748, 3642, 3742, 3638, 3738, 3788, and 3811	725983062
PS-702-EPR	A	1	1.187	5/8	QCFJF			10K110, 725988082
PS-702V	A	1	1.187	5/8	VCFJF			
PS-3977	A	1	1.187	5/8	VLFLF			10K105, 10K120, 3481008 725987062
PS-200V-SC-SC	A	1	1.250	5/8	VLFLF			
PS-600	B	1	1.187	5/8	BMFJF		Fig. 3231	
PS-700	B	1	1.187	5/8	BMFJF		Cellar Drainer Fig. 3631	10K7
PS-1000V	B	3	1.250	5/8	VCFJF			696-0442
PS-3926	B	9	1.062	5/8	VCFKF	316SS		10K127
PS-411V	B	11	—	5/8	VCFJF	A		15K20
PS-1155	C	1	1.187	5/8	BCFJF			
PS-493	C	1	1.187	5/8	BCFKF		Fig. 3377 and 3371 Multi Stage	10K3
PS-4222	C	1	1.187	5/8	QCFLF	316SS/H		920551062
PS-3201	C	1	1.187	5/8	QCFLF	316SS/H	Light Spring Load	10K18
PS-3707	C	1	1.187	5/8	QLFLF	316SS/H		10K81
PS-1155V	C	1	1.187	5/8	VCFJF			
PS-4031	C	1	1.187	5/8	VCFLF			10K46, 10K55
PS-3613	C	1	1.187	5/8	VLFLF			
PS-4226	C	1	1.187	5/8	VLFLF	316SS/H		
PS-6267	G	1	1.187	5/8	QLFLF			10K167, A00576C1
PS-1522	A	—	—	3/4	BMF-F			7501000
PS-750	D	1	1.375	3/4	BCDJF			10K4
PS-3996	C	1	1.500	7/8	VCFLF			10K40
PS-703	D	1	1.500	7/8	BCDJF		XS15,20,50 Aqua Lawn Jetomatic, Fig. 3629, 3649, 3729,3749, 3639, 3739, 3678 and 3789	10K8
PS-303	D	1	1.500	7/8	BCDKF			704704087
PS-397V	C	—	—	1	VCF-F			41355000000
PS-235	C	1	1.625	1	BCFJF			10K12, 84001-2
PS-754	E	1	1.625	1	BCFJF		Fig. 3169M, 3750S, 3655, 3450, 3650, 3750 & 3755	707831100
PS-236	E	1	1.625	1	BCFKF			691272100
PS-557	E	3	1.625	1	B/VCFJF	S		916661000, 916701000
PS-3976	E	3	1.625	1	VCFJF	316SS	Model 3655 / 3755 S	
PS-8020	XB2	3 Special	1.750	1	VCFJF	316SS		
PS-710	E	1	1.750	1-1/16	BCFJF		Fig. 3405, 3305S	707833106
PS-356	C	1	1.750	1-1/8	BCFJF		Fig. 3643	10K21
PS-355-SC-SC	C	1	1.750	1-1/8	BLFLF			10K28
PS-356-SC-TC	C	1	1.750	1-1/8	BLFZF			10K22
PS-588	C	3	1.750	1-1/8	BCFKF	B	Fig. 3643	10K9, 764071112
PS-185	C	1	1.875	1-1/4	BCFJF		Fig. 3656	9152071001
PS-4463	C	1	1.875	1-1/4	BCFJF	316SS		10K13
PS-2208	C	1	1.875	1-1/4	BZFZF			9152071002
PS-4464	C	1	1.875	1-1/4	QCFKF	316SS		
PS-3131	C	1	1.875	1-1/4	QCFLF	316SS/H		10K19,764070125
PS-3062	C	1	1.875	1-1/4	QLFLF	316SS		10K126, 764071125
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			10K25, A06101A02

**NOTE:** A. MOUNTS ON SHAFT  
 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.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GOULDS PUMPS (continued)</b>								
PS-3538	C	1	1.875	1-1/4	VCFLF	316SS		10K27, 764078125
PS-4176	C	1	1.875	1-1/4	VCFZF	316SS		A06101A07
PS-4101	C	1	1.875	1-1/4	VLFLF	316SS		
PS-4150	C	1	1.875	1-1/4	VLFLF	316SS/H		10K64, 10K188
PS-3215	C	25	2.261	1-1/4	VLFLF	B		46075200000
PS-510	D	1	2.000	1-1/4	BCFJF			51010
PS-361	E	1	1.875	1-1/4	BCFJF		2" Fig. 3460	
PS-2128	E	3	1.875	1-1/4	BCFJF		3316-3405 Group S	
PS-2129	E	3	1.875	1-1/4	BCFKF			
PS-177	C	1	2.000	1-3/8	BCFJF			
PS-7919	C	3	2.000	1-3/8	B/VLFLF			43350000000
PS-4194	D	1	2.000	1-3/8	VLFLF			A05616E000
PS-354	E	1	2.000	1-3/8	BCFJF		Fig. 3345, 3320	
PS-677	E	1	2.000	1-3/8	BCFKF			
PS-864	E	3	2.000	1-3/8	BCFJF		3196ST	
PS-865	E	3	2.000	1-3/8	BCFKF		3196ST	
PS-3901	E	3	2.000	1-3/8	VCFJF	316SS/C/H		A04710A01
T9-1375	WT	—	—	1-3/8	TCF-F	316SS		904320001
PS-705	E	3	2.062	1-7/16	BCFJF		Fig. 3405M, 3305M	707833143
FA-10167	E	—	—	1-1/2	BCF-F	I		916710001
PS-305	E	1	2.125	1-1/2	BCFJF		Fig. 3169, 3650, 3655, 3750 For Group M and K, 2-1/2" Fig. 3430	707831150
PS-374	E	1	2.125	1-1/2	BCFKF			
PS-395	E	3	2.125	1-1/2	BCFJF			776A9082
PS-4476	EB	3	2.125	1-1/2	VCFJF		Model 3755M	
PS-8109	XB2	3 Special	2.125	1-1/2	VCFJF	316SS		
PS-238-EPR-SC	C	1	2.375	1-5/8	QCFLF			10K20
PS-238V-CMS	C	1	2.375	1-5/8	VCFJF			10K26
PS-238V-SC-CMS	C	1	2.375	1-5/8	VCFLF			10K45
PS-7806	C	1	2.375	1-5/8	VLFLF			10K65, 10K189
PS-818	C	3	2.375	1-5/8	BCFJF			45162000000 46983000000
PS-238V	C	3	2.375	1-5/8	VCFJF			46984000000
PS-238V-SC-SEAT	C	3	2.375	1-5/8	VCFLF			A05632E000
PS-544V-SC-SC	C	3	2.375	1-5/8	VLFLF			10K186
PS-7497	C	25	2.500	1-5/8	B/VCFJF			A05669E000R
PS-7497V	C	25	2.500	1-5/8	VCFJF			A05670E000
PS-1911	C	25	2.500	1-5/8	VLFLF			
PS-2108	C	—	—	1-3/4	BCF-F			92055 1175
PS-446	C	1	2.500	1-3/4	BCFJF		10K181-See PS-267 for Upper Seal 10K181-Lower Seal	10K157, 9152091001
PS-446-SC-SC	C	1	2.500	1-3/4	BLFLF			10K31
PS-446V-CMS	C	1	2.500	1-3/4	VCFJF			9152091003
PS-3718	C	3	2.500	1-3/4	BCFJF			10K82
PS-3719	C	3	2.500	1-3/4	B/VLFZF			10K83
PS-4884	C	3	2.500	1-3/4	VCFJF	316SS		47134000000
PS-4487	D	1	2.500	1-3/4	VLFLF	316SS		A05620E000
PS-7867	E	—	—	1-3/4	BCF-F	316SS/C/I		90161001
PS-1684	E	3	2.312	1-3/4	BCFJF		3316, 3405 Group M	
PS-4326	E	3	2.312	1-3/4	VCFJF	316SS/C		
PS-4149	E	3	2.312	1-3/4	VCFZF	C	3316 & 3405 Group M	
PS-535	E	3	2.500	1-3/4	BCFJF		3196MT - 3735/36M	
PS-262	E	3	2.500	1-3/4	BCFKF			
PS-3726	E	3	2.500	1-3/4	B/VCFJF	C/I		
PS-3902	E	3	2.500	1-3/4	VCFJF	316SS/C/S	3196MT	A04754A01, 090161-1006
PS-1078	E	27	3.000	1-3/4	BCFJF		3316-3405M	
PS-4096	EB	3	2.500	1-3/4	VCFLF	316SS/C/S		
PS-3123	T	3	2.500	1-3/4	VLFLF/VCLF	316SS		
PS-3899	T	3	2.500	1-3/4	VZFZF/VCFZF	316SS/I	3196MT	
PS-3754	V	3	2.750	1-3/4	BCFJF			43424000000


**NOTE:** 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.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GOULDS PUMPS (continued)</b>								
PS-267	C	1	2.750	2	BCFJF		10K181-Upper Seal 10K182-Lower Seal See PS-446 for Lower Seal	9152101002
PS-2219	C	1	2.750	2	BZFZF			9152101001
PS-6218	C	1	2.750	2	VZFZF			9152101004
PS-3993	C	3	2.750	2	BCFJF			10K142
PS-3721	C	3	2.750	2	BLFZF			10K85, 764079200
PS-267V-SC-SC	C	3	2.750	2	VLFLF			43434000000
PS-3066	D	1	2.750	2	VLFLF			A05622E000
PS-707	E	3	2.875	2-1/16	BCDKF		Fig. 3305, 3306, 3405, 3406 Group L	
PS-3897	E	3	2.875	2-1/8	VCFJF	316SS/C	3196LT	A05166A01
PS-1679	C	1	3.125	2-1/4	BCFJF			9152111001
PS-848	E	3	3.125	2-1/4	BCDJF			
PS-849	E	3	3.125	2-1/4	BCDKF			
PS-3067	E	3	3.125	2-1/4	BCFZF	316SS	3405-3316 Group L	
PS-3951	E	27	3.906	2-1/4	VCFKF		3405L 10x12-14	
PS-3806	E	3	3.250	2-1/2	VCFJF	316SS/C		
PS-4466	E	3	3.250	2-1/2	VZFLF	316SS/C	3196 XLTX	
PS-3059	E	3	3.500	2-3/4	QCFLF	316SS/C	Model 3410L	
PS-4089	E	3	3.500	2-3/4	VCFLF	316SS	3410 L Pump	
PS-2153-CMS	C	1	3.875	3	BCFJF			9152141001
PS-4481	C	3	3.875	3	VZFZF			9152141006
PS-3050	EB	3	3.875	3-1/4	BCFJF		3410 XL	
PS-8104	X	3	4.625	3-3/4	VCFJF	316SS/S		10K109
PS-8055	X	3	4.750	3-7/8	VCFJF	316SS/I	Model 3409 (AC9100)	52-240-979-001
PS-8060	X	3	5.375	4-3/8	VCFKF	316SS	Fig. 3415 Group M	

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



**Type VGMHD**

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GRAHAM ENGINEERING CORP.</b>								
PS-1688	E	3	3.125	2-1/4	BCFJF			65100021
<b>GRAINGER (See TEEL PUMP)</b>								
<b>GRISWOLD PUMP CO.</b>								
PS-2122	C	1	1.875	1-1/4	BCFJF			10036903
PS-758	C	1	2.125	1-1/2	BCFJF			
PS-3218	E	3	2.000	1-3/8	BCFJF	C/S		22049-1-1
PS-446	C	1	2.500	1-3/4	BCFJF			
PS-2142	C	1	2.500	1-3/4	BCFJF			10037002
PS-448V-CMS	C	1	2.500	1-3/4	VCFKF			10037002CNV
PS-7820	C	1	2.500	1-3/4	VLFLF			10037002SSV

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

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GRUNDFOS CBS, INC.</b>								
PS-4027	A	1	1.250	5/8	QCFJF		JP5	96768182
PS-4424	A	1	1.250	5/8	VCFJF		JP5	
PS-1618	C	1	1.250	5/8	BCFJF	B		14032695 / 91868262
PS-974	A	—	—	3/4	BCF-F			91867994
PS-768	C	3	1.375	3/4	BCFKF			91868257
PS-112V	C	3	1.375	3/4	VCFKF			91868215
PS-154	C	—	—	1-1/4	BCF-F			91868171
PS-185	C	1	1.875	1-1/4	BCFJF			91868317
PS-1109V	C	3	1.875	1-1/4	VCFKF			91868217
PS-1015	E	—	—	1-1/4	BCF-F			91868030
PS-361-P66	E	1	1.875	1-1/4	BCFJF	I		91867954
PS-1183-P66	E	3	1.875	1-1/4	BCFKF	I		91867962
PS-137V-P66	E	3	1.875	1-1/4	VCFKF	I		91867976
PS-3974	DB	1	1.875	1-3/8	BCFJF			91867955
FA-1850	C	—	—	1-1/2	BCF-F			91868172
PS-2106	E	—	—	1-1/2	BCF-F			91868014
PS-2108	C	—	—	1-3/4	BCF-F			91868173
FA-10045	C	—	—	1-3/4	VCF-F			91868252
PS-2142	C	1	2.500	1-3/4	BCFJF			91868269
PS-2151	C	3	2.500	1-3/4	BCFKF			91868260
PS-2151V	C	3	2.500	1-3/4	VCFKF			91868219
PS-2151V-TC-SEAT	C	3	2.500	1-3/4	VCFZF			91868230
PS-2109	E	—	—	1-3/4	BCF-F			91868003, 91868293
PS-205	E	1	2.500	1-3/4	BCFJF			91867956
PS-205V-CMS-P66	E	1	2.500	1-3/4	VCFJF	I		96702875
PS-262	E	3	2.500	1-3/4	BCFKF			91867963
PS-449	K	1	2.500	1-3/4	BCFJF			91868291
PS-674	T	1	2.500	1-3/4	BCFJF			91868024
PS-477-P66	E	3	2.750	2	BCFKF	I		91868207
FA-2000	C	—	—	2	BCF-F			91868174
PS-3537	C	1	3.125	2-1/4	BCFJF			91868272
PS-3041	C	3	3.125	2-1/4	BCFKF			91868261
FA-10144	EB	—	—	3-1/4	BCF-F			91868313

Value Guard Part No.	Head		Seal Size MM	Material Code	Pump Nameplate Data	Mfg. Part No.
<b>GRUNDFOS CBS, INC.</b>						
<b>BELLOWS COMPONENT SEALS</b>						
VGMG-1300	VGM706B		12	QLFLF	Models CR2, CRN2(S), CR4, CRN4(S), CR8	405096
VGMG-1301	VGM706B		12	VLFLF	Models CR2, CRN2(S), CR4, CRN4(S), CR8	405347
VGMG-1302	VGM706B		12	VZFZF	Models CR2, CRN2(S), CR4, CRN4(S), CR8	405347TC
VGMG-1303	VGM706B		16	QLFLF	Models CR8, CR8(S), CR16, CRN16(S)	425763
VGMG-1304	VGM706B		16	VLFLF	Models CR8, CR8(S), CR16, CRN16(S)	425762
VGMG-1305	VGM706B		16	VZFZF	Models CR8, CR8(S), CR16, CRN16(S)	425762TC
<b>O-RING COMPONENT SEALS</b>						
VGMG-1516*	VGM706D		12	VCFLF	SPK 1,2,4 & 8	3950008
VGMG-1400	VGM706E		12	VZFZF	CNP-CDL	
VGMG-1401	VGM706E		16	VZFZF	CNP-CDL	

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



**Grundfos Type B  
Type VGM706B**



**Type VGM706D**



**Type VGM706E**

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Head		Seal Size MM	Material Code		Mfg. Part No.
<b>GRUNDFOS CBS, INC. (continued)</b>						
<b>CARTRIDGE STYLE-Threaded Retainer</b>						
<b>Pump Models CR, CR8, CRI, CRN1, CRN3, CRN5, CRNE1, CRNE3-23HS</b>						
VGMG-1500	VGM706C		12	QCFZF		96455082
VGMG-1501	VGM706C		12	QZFZF		96455086
VGMG-1502	VGM706C		12	VCFZF		96455083
VGMG-1503	VGM706C		12	VLFLF		96455087
VGMG-1504	VGM706C		12	VZFFZ		96455085
<b>Pump Models CR, CRI, CRN10, CRN15, CRN20</b>						
VGMG-1505	VGM706C		16	QCFZF		96511836
VGMG-1506	VGM706C		16	QZFZF		96511840
VGMG-1507	VGM706C		16	VCFZF		96511837
VGMG-1508	VGM706C		16	VLFLF		96511845
VGMG-1509	VGM706C		16	VZFFZ		96511841
<b>CARTRIDGE STYLE - Clamped Retainer</b>						
<b>Pump Models CR, CRN32, CRN45, CRN64, CRN90</b>						
VGMG-1510	VGM706C		22	QCFZF		96416584
VGMG-1511	VGM706C		22	QZFZF		96433365
VGMG-1512	VGM706C		22	VCFZF		96525459
VGMG-1513	VGM706C		22	VLFLF		96525490
VGMG-1514	VGM706C		22	VZFFZ		96436728
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p><b>Grundfos Type H Type VGM706C</b></p> </div> <div style="text-align: center;">  <p><b>Grundfos Type E Type VGM706C</b></p> </div> </div>						

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GUSHER PUMPS</b>								
PS-164	B	9	—	1/2	BMFKF	A		
PS-1002	C	1	1.000	1/2	BCFJF			84076-3
PS-957	A	1	1.187	5/8	BCFJF			84081
PS-701V	A	1	1.187	5/8	VCFKF			84090
PS-359	C	1	1.250	5/8	BCFJF			84000-2, 84000-30
PS-1079	C	1	1.250	5/8	NCFJF			
PS-1080	C	1	1.250	5/8	NCFKF			
PS-359V-CMS	C	1	1.250	5/8	VCFJF			84000-24
PS-359V-SC-CMS	C	1	1.250	5/8	VCFLF			84000-38
PS-441	B	9	—	3/4	BMFKF	A		84082
PS-358V-TC-TC	C	1	1.375	3/4	VZFFZ			84064-6
PS-309	C	1	1.500	7/8	BCFJF			84079-2
PS-3941	C	1	1.500	7/8	VLFLF			84079-9
PS-2026	D	3	1.500	7/8	B/VCFJF			84138-1
PS-370	A	1	1.625	1	BCFKF			84089
PS-235	C	1	1.625	1	BCFJF			84001-2, 84001-12
PS-235V-CMS	C	1	1.625	1	VCFJF			84001-10
PS-235V-SC-SC	C	1	1.625	1	VLFLF			84001-14
PS-2216V-CMS	C	1	1.625	1	VZFFZ			84176-2


**NOTE:** A. MOUNTS ON SHAFT

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>GUSHER PUMPS</b>								
PS-185	C	1	1.875	1-1/4	BCFJF			84217-4
PS-2122	C	1	1.875	1-1/4	BCFJF		11019CIHA	84002-31
PS-2123	C	1	1.875	1-1/4	BCFKF			84002-17
PS-3146	C	1	1.875	1-1/4	BZFLF			84002-53
PS-1081	C	1	1.875	1-1/4	NCFJF			
PS-1083	C	1	1.875	1-1/4	NCFJF			
PS-1082	C	1	1.875	1-1/4	NCFKF			
PS-1084	C	1	1.875	1-1/4	NCFKF			
PS-2215	C	1	1.875	1-1/4	QCFJF	I		84002-18, 84002-3 84002-33
PS-4053	C	1	1.875	1-1/4	QLFLF			84002-57
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			84217-3
PS-2123V-CMS	C	1	1.875	1-1/4	VCFKF			84002-12
PS-3175	C	1	1.875	1-1/4	VCFZF			84002-34
PS-185V-SC-SC	C	1	1.875	1-1/4	VLFLF			84217-1
PS-7805	C	1	1.875	1-1/4	VLFLF			84002-22, 84002-50
PS-3119	C	1	1.875	1-1/4	VZFLF			84002-41, 84002-58 84002-59, 84006-59
PS-361	E	1	1.875	1-1/4	BCFJF			84003-14
PS-210V-CMS	C	1	2.000	1-3/8	VCFKF			84105-7
PS-177V-SC-SEAT	C	1	2.000	1-3/8	VCFLF			84144-10
PS-177V-SC-SC	C	1	2.000	1-3/8	VLFLF			84105-18
PS-210V-TC-SC	C	3	2.000	1-3/8	VZFLF			84105-5
PS-3117	K	1	2.000	1-3/8	VCFJF			84144-2
PS-758	C	1	2.125	1-1/2	BCFJF			84109-1
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			84109-3
PS-758V-SC-SC	C	1	2.125	1-1/2	VLFLF			84109-2
PS-2107	C	—	—	1-5/8	BCF-F			84004-55
PS-238	C	1	2.375	1-5/8	BCFJF			84004-28
PS-239	C	1	2.375	1-5/8	BCFKF			84004-18
PS-4389	C	1	2.375	1-5/8	BCFLF			84004-51
PS-3145	C	1	2.375	1-5/8	BZFLF			84004-40
PS-3664	C	1	2.375	1-5/8	BZFZF			84004-30
PS-238-EPR	C	1	2.375	1-5/8	QCFJF			84004-34
PS-238-EPR-SC	C	1	2.375	1-5/8	QCFLF			84004-52
PS-7902	C	1	2.375	1-5/8	VCFJF			84004-46
PS-238V-CMS	C	1	2.375	1-5/8	VCFJF			84004-26
PS-239V-CMS	C	1	2.375	1-5/8	VCFKF			84004-7
PS-238V-SC-CMS	C	1	2.375	1-5/8	VCFLF			84004-54
PS-238V-P66-TC	C	1	2.375	1-5/8	VCFZF	I		84004-20
PS-7806	C	1	2.375	1-5/8	VLFLF			84004-23, 84004-39
PS-238V-TC-SC-CMS	C	1	2.375	1-5/8	VZFLF			84004-42, 84004-48 84004-49, 84004-55
PS-3144	C	1	2.375	1-5/8	VZFZF			84004-35
PS-2057	E	1	2.375	1-5/8	BCFJF			84005-2, 84005-15
PS-2058V-TC-SEAT	E	1	2.375	1-5/8	VCFZF			84005-28
PS-1699V	E	3	2.375	1-5/8	VCFKF			84005-20
PS-3113	E	3	2.375	1-5/8	XZFLF	316SS		84005-29
PS-3111	K	1	2.375	1-5/8	VLFLF			84056-22
PS-3114	C	1	2.500	1-3/4	BZFZF	C		84006-8, 84006-13
PS-3118	C	1	2.500	1-3/4	VCFJF	C		84006-11
PS-4461	C	1	2.500	1-3/4	VZFLF	C		84006-17, 84006-35
PS-3114V	C	1	2.500	1-3/4	VZFZF	C		84006-24
PS-7561	E	3	2.500	1-3/4	VCFZF	C/I		84007-15
PS-7901	EB	1	2.375	1-3/4	BCFJF			84004-46
PS-9106	W	2	2.500	1-3/4	TCFJF	316SS		84010-01
PS-267	C	1	2.750	2	BCFJF			84176-1
PS-267V-CMS	C	1	2.750	2	VCFJF			84176-2
PS-6224	C	1	2.750	2	VLFLF			84176-4
PS-1613	K	3	3.375	2-1/2	BCFJF			84059-5

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HAIGHT PUMP</b>								
PS-825	D	3	2.500	1-3/4	BCDKF			AP13.518X
PS-237V	D	3	2.500	1-3/4	VCDJF			AP13.518Y
<b>HALE PRODUCTS, INC.</b>								
PS-201	A	1	1.375	3/4	BMFJF			292-5040-00-3
PS-851	A	1	1.375	3/4	BCFJF			296-5040-00
PS-360	A	1	1.625	1	BCFJF			296-5010-00 296-5011-00-0
PS-235	C	1	1.625	1	BCFJF		Model 20FD 106434	25D-G444,1001-02-20-00
PS-1048	C	1	1.625	1	BCFJF	H		296-5050-00-0
PS-548	C	3	1.625	1	BCFJF			296-5060-06-0
PS-1049	C	3	1.625	1	BCFJF	H		
PS-356	C	1	1.750	1-1/8	BCFJF			296-5220-00
PS-177	C	1	2.000	1-3/8	BCFJF			296-5250-99
PS-495	K	1	2.000	1-3/8	BCFJF			296-5070-00
PS-758	C	1	2.125	1-1/2	BCFJF			296-5021-03
PS-347	C	1	2.125	1-1/2	BCFJF	B/H		6D-58
PS-659	C	1	2.125	1-1/2	BCFKF			296-5021-01
PS-378	C	1	2.125	1-1/2	BCFKF	B/H		296-5020-06
PS-2209	C	1	2.125	1-1/2	BZFZF			296-5021-06-0
PS-267	C	1	2.750	2	BCFJF			296-5210-00
<b>HALL SCOTT</b>								
PS-200	A	1	1.250	5/8	BMFJF			
PS-750	D	1	1.375	3/4	BCDJF			

Value Guard Part No.	Head			Seal Size MM	Material Code		Mfg. Part No.
<b>HANJIN PUMPS - Series 2921 / 2924 / 2926</b>							
VGM-2921	VGM562			20	VLFLF / VCFJF	 <p style="text-align: center;">Type VGM562</p>	SP-1026
VGM-2922	VGM562			25	VLFLF / VCFJF		HTV-3-5.5-18 HTV-4-4.5-18
VGM-2923	VGM562			30	VLFLF / VCFJF		SP-2026 HTV-4-11-48 HTV-4-15-48
VGM-2924	VGM562			35	VLFLF / VCFJF		SP-3026
VGM-2925	VGM562			40	VLFLF / VCFJF		SP-4026
VGM-2926	VGM562			45	VLFLF / VCFJF		SP-5026

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HARTFORD COMPRESSORS, INC.</b>								
PS-9703	WB	Special	2.500	2	T/NCFKF	316SS		SEL 24A
PS-9710	WB	Special	3.125	2-1/2	T/NCFKF	316SS		SEL 22A
<b>HAYWARD GORDON</b>								
PS-436-TC-TC	C	3	2.500	1-3/4	BZFZF			54099158
PS-2114	C	3	2.625	1-7/8	BCFJF			5403016
PS-477-TC-TC	E	3	2.750	2	BZFZF			54099121
<b>HAYWARD INDUSTRIES, INC.</b>								
PS-200	A	1	1.250	5/8	BMFJF		Cast Iron	SPX1250XZ2C
PS-2131	A	31	—	5/8	BMFJF	G	Power-Flo LX, Power-Flo® Matrix Power-Flo II®, Turbo Flo®	SPX1500KA
PS-3960	G	1	1.250	5/8	BCFJF		Max-Flo II®	SPX1250XZ2, SPX-2700SA
PS-3890	G	1	1.381	5/8	BCFJF		NorthStar, Tri-Star	SPX-3200SA, SPX-4000 SPX4000SA, SPX4000SA2
PS-201	A	1	1.375	3/4	BMFJF		Max-Flo®, Super Pump®, Super Pump II®	SPX1600Z2, SPX1600Z2G
PS-370	A	1	1.625	1	BCFKF			

**NOTE:** B. TAPERED SPRING  
G. MOUNTS IN PLASTIC  
H. SPRING HOLDER NOT INCLUDED

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HOBART CORP. - (Dishwashers / Disposals)</b>								
PS-631	C	1	1.000	1/2	BCFJF	N		R-23682
PS-663	Q	1	1.000	1/2	BMFJF			C115710
PS-6313	Q	1	1.019	1/2	BCFJF			
PS-3985	B	1	1.375	3/4	BCFJF	316SS		C44A
PS-1085V	C	1	1.250	5/8	VCFJF	B		A104329, 00-114696
PS-235	C	1	1.625	1	BCFJF			R-79205
PS-539	C	1	1.625	1	BCFJF	H		R-87809
PS-754V	E	3	1.625	1	VCFJF	S		A104330
PS-6318	Q	9	1.578	1-1/8	VMFAF			00-117071
PS-6317	Q	9	2.000	1-3/8	VMPSP			00-114144
PS-3854	Q	25	2.000	1-3/8	BMPAP			C-114144
PS-4041	Q	1	3.375	2-1/4	VMPSP			00-117072

Value Guard Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Mfg. Part No.
<b>HOFFMAN PUMPS - Replacement Seal Kits</b>							
VGK-1087				5/8	BMFJF		180013
VGK-1088				5/8	BCFJF		180014
VGK-1085				3/4	BCFJF		180010
VGK-1086				1	BCFJF		180011
VGK-1089				1-3/8	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.

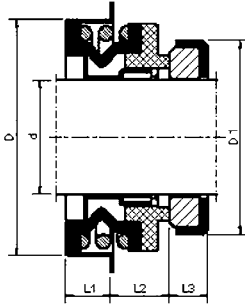


**VGK-1087**

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HOLLAND PUMP MFG</b>								
PS-2209	C	1	2.125	1-1/2	BZFZF			
PS-2060-TC-TC	D	1	2.500	1-3/4	BZFZF			6TP
PS-340	C	1	2.625	1-7/8	BCFJF			
PS-340-TC-TC	C	1	2.625	1-7/8	BZFZF			8TP
<b>HOMART-SEARS</b>								
PS-162	A	1	1.000	1/2	BMFJF			259-043, W6476
PS-100	A	1	1.187	5/8	BMFJF			42G2377W
PS-508	D	1	1.250	5/8	BCDJF			759-31
<b>HOMELITE (Div. of RIVERSIDE PUMP MFG., INC.)</b>								
PS-200	A	1	1.250	5/8	BMFJF			62729
PS-711	A	3	1.187	5/8	BMFJF			A-62861-2
PS-201	A	1	1.375	3/4	BMFJF			A-75911
PS-601	B	1	1.375	3/4	BMFJF			43271
PS-4056	B	1	1.375	3/4	QCFJF		Models AP215, AP220	43303-A
PS-601V-CMS	B	1	1.375	3/4	VCFJF		Models AP302, AP502	48299
PS-360	A	1	1.625	1	BCFJF			A-62403
PS-1086	A	3	2.000	1	BCFJF			A-62713, A-62713-1
PS-235	C	1	1.625	1	BCFJF			47046
PS-466	C	1	2.000	1-1/4	BCFJF			46150

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Head	Seal Size MM	Material Code	Pump Model No.	Mfg. Part No.
<b>HONDA TRASH PUMP</b>					
VGM-2964	VGM-BV	20	BCFJF	WT20X, WT30X	
VGM-8502	VGM-BV	20	VLFLF	WT20X, WT30X	78130-YB4-901
VGM-2965	VGM-BV	30	BCFJF	WT40X	
VGM-8501	VGM-BV	30	VLFLF	WT40X	



d	D	D1	L1	L2	L3
20	40	35	9.5	12.0	5
30	52	48	10.0	9.5	8



Type VGM-BV

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HOYT CORP. - (Washers)</b>								
PS-6301	Q	3	3.000	2-1/4	NMPAP			28-488
<b>HYDROMATIC PUMP CO. (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-1621	Q	9	—	1/2	BMFJF	A		54840001
PS-299	A	—	—	5/8	BMF-F			000830071
PS-200	A	1	1.250	5/8	BMFJF			00083000, 00083001 14525A010
PS-200V-CMS	A	1	1.250	5/8	VCFJF			830101
PS-447	B	8	—	5/8	BCFJF	A		75480001
PS-359	C	1	1.250	5/8	BCFJF			015560001
PS-6216	C	1	1.250	5/8	VZFZF			113970011
PS-851	A	1	1.375	3/4	BCFJF			170480001
PS-201V-CMS	A	1	1.375	3/4	VCFJF			170480011
PS-1622	B	9	—	3/4	BMFJF	A		049170001
PS-358	C	1	1.375	3/4	BCFJF			1000001
PS-703	D	1	1.500	7/8	BCDJF			11716A011
PS-235	C	1	1.625	1	BCFJF		Model HPLX200	3000001
PS-235-SC-SC	C	1	1.625	1	BLFLF			003000041
PS-2216	C	1	1.625	1	BZFZF			006960001
PS-235V-CMS	C	1	1.625	1	VCFJF			003000011
PS-2216V-CMS	C	1	1.625	1	VZFZF			003000031
PS-185	C	1	1.875	1-1/4	BCFJF			049160001
PS-185-SC-SC	C	1	1.875	1-1/4	BLFLF			049160031
PS-2208	C	1	1.875	1-1/4	BZFZF			049160011
PS-185E-SC-CMS	C	1	1.875	1-1/4	QCFLF			049160051
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			049160021
PS-185V-TC-SC	C	1	1.875	1-1/4	VZFLF			049160061
PS-185V-TC-TC	C	1	1.875	1-1/4	VZFZF			049160041
PS-758	C	1	2.125	1-1/2	BCFJF			009200011
PS-347	C	1	2.125	1-1/2	BCFJF	B/H		081000005
PS-758-SC-SC	C	1	2.125	1-1/2	BLFLF			009200131
PS-758-SC-TC-CMS	C	1	2.125	1-1/2	BLFZF			009200111
PS-2209	C	1	2.125	1-1/2	BZFZF			009200041
PS-7409	C	1	2.125	1-1/2	VCFJF	316SS		009200031, 009200051 009200071
PS-659V-TC-VS-TC	C	1	2.125	1-1/2	VZFZF			009200091, 009200141
PS-446	C	1	2.500	1-3/4	BCFJF			110490011
PS-6210	C	1	2.500	1-3/4	BZFZF			110490021
PS-4410	C	1	2.500	1-3/4	BZFZF			21181A015
PS-340	C	1	2.625	1-7/8	BCFJF			148590001

**NOTE:** A. MOUNTS ON SHAFT  
B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>HYDROMATIC PUMP CO. (See PENTAIR, INC. for Additional Part Numbers) (continued)</b>								
PS-340-TC-SC	C	1	2.625	1-7/8	BZFLF			148590031
PS-340-TC-TC	C	1	2.625	1-7/8	BZFZF			148590011
PS-267	C	1	2.750	2	BCFJF			019570001
PS-267-SC-SC-CMS	C	1	2.750	2	BLFLF			019570051
PS-2219	C	1	2.750	2	BZFZF			019570021
PS-267V-CMS	C	1	2.750	2	VCFJF			019570011
PS-6218	C	1	2.750	2	VZFZF			019570041
PS-1087	C	1	3.125	2-1/4	BCFJF			080730001
PS-7064	C	1	3.125	2-1/4	BZFZF			080730011
PS-1679V-CMS	C	1	3.125	2-1/4	VCFJF			080730031
PS-3530	E	3	3.125	2-1/4	B/VZFZF			1100148SC2
PS-1088	C	3	3.875	3	BCFJF	B		037180001
PS-761	D	3	3.875	3	BCDJF			434210011
<b>HYPRO CORPORATION (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-1050	C	—	—	1/2	BCF-F			10522C
PS-3001	G	3	1.000	1/2	VCFJF			24608
PS-3002	G	3	1.000	1/2	VCFJF	316SS		24766
PS-516	A	1	1.250	5/8	BCFJF			9501-3, 2120-0008
PS-200V-CMS	A	1	1.250	5/8	VCFJF		Models 9203, 9401C, 9300C-HM	2120-0009
PS-200V	A	3	1.250	5/8	VCFJF			9501-4, 9202-C
PS-3159	B	8	—	5/8	BCFJF	A		12314
PS-3667	B	9	—	5/8	BLFLF	A		24054
PS-3741	B	1	1.250	5/8	VLFLF			24466
PS-359V	C	3	1.250	5/8	VCFJF			
PS-4442	C	3	1.250	5/8	VCFKF			2120-0003
PS-3204	G	1	1.250	5/8	BCFJF			24605
PS-3006	G	1	1.250	5/8	BCFJF	316SS		24275
PS-4220	G	1	1.250	5/8	VCFJF			24609
PS-3200	G	1	1.250	5/8	VCFJF	316SS		24276
PS-3005	G	3	1.250	5/8	VLFLF	316SS		2120-0039
PS-851	A	1	1.375	3/4	BCFJF			2120-0010
PS-201V-CMS	A	1	1.375	3/4	VCFJF		9000 Series	2120-0011
PS-201V	A	3	1.375	3/4	VCFJF			9501-50
PS-3009	G	1	1.500	7/8	BCFJF	316SS		24458
PS-360	A	1	1.625	1	BCFJF			24607, 2120-0054
PS-360V-CMS	A	1	1.625	1	VCFJF			2120-0034
PS-397	C	—	—	1	BCF-F			21399
PS-4425	G	1	1.750	1-1/8	BLFLF	316SS		23906
PS-3015	G	25	2.000	1-3/8	VLFLF	316SS		2120-0043
<b>ICEE DISTRIBUTORS, INC. - (Frozen Drink Machines)</b>								
PS-6234	C	1	1.250	5/8	BCFJF			0-ID1339
<b>IMO INDUSTRIES, INC.</b>								
PS-2138	C	Special	1.360	1/2	BCFGF			PP046JCE
PS-3729	X Special	3	1.000	1/2	BCFKF			PP046JRF
PS-7727	X Special	3	1.000	1/2	VCFGF			PP046JRH
PS-4313	C	3 Special	1.500	5/8	VCFGF			PP046JC/C
PS-752	D	1	1.375	3/4	BCDKF			PP046DP
PS-687	C	1	1.500	7/8	BCFKF			PP046H
PS-3824	C	28	2.438	1	BCFKF			PP046JM
PS-1034V	C	28	2.438	1	VCFKF			PP046JCH
PS-7991	D	25	1.625	1	BCPGP			PP046DF
PS-4255	DB	3	1.500	1	VCFZF			PP046KDA
PS-8091	X	3	1.625	1	VCFRF	316SS		PP046JZ/CR
PS-254	D	3	1.750	1-1/8	BCFKF			PP046JGF
PS-1044	C	28	2.834	1-3/16	BCFKF			PP046JL
PS-1044V	C	28	2.834	1-3/16	VCFKF			PP046JHG
PS-4152	C	3	1.875	1-1/4	BCFGF			PP046JLC/C
PS-1036	C	28	2.835	1-1/4	BCFKF			PP046JH, PP046JH/C
PS-1036V	C	28	2.835	1-1/4	VCFKF			PP046JN
PS-4431	D	3	1.875	1-1/4	VLFLF			



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>IMO INDUSTRIES, INC. (continued)</b>								
PS-8073	X	28	2.832	1-1/4	VCFKF	316SS		PP046JBS/PP046JBS/CR
PS-3979	C	Special	2.740	1-1/2	BCFKF			PP046JAH
PS-371	D	1	2.125	1-1/2	BCFKF			PP046DAA
PS-1035	C	28	3.544	1-5/8	BCFKF			PP046JK
PS-1039	C	28	3.544	1-5/8	VCFKF			PP046JR, PP046JRC
PS-436-SC-SEAT	C	3	2.500	1-3/4	BCFLF			PP046JDT/CR
PS-1038	C	28	3.544	1-3/4	BCFKF			PP046JG
PS-8058	X	3	2.500	1-3/4	VCFLF	316SS		PP046JWF
PS-462	D	1	2.750	2	BCDKF			PP046BP
PS-1676	C	3	3.125	2-1/4	BCFKF			PP046JCD
PS-3051	C	3	3.250	2-3/8	BCFLF	S		PP046JWH
PS-1677	C	28	5.118	2-3/8	BCFKF			PP046FBY
PS-8003	X	3	3.250	2-3/8	VCFLF	316SS		PP046JTT
PS-3862	X	3	4.375	3-1/2	VCFKF	316SS		PP046JZM
<b>INGERSOLL-DRESSER PUMPS AND COMPRESSORS (Also See FLOWERVE CORP.)</b>								
PS-164	B	9	—	1/2	BMFKF	A		
PS-200	A	1	1.250	5/8	BMFJF			CPM-6252C1 CPM-6258C1
PS-507V	A	3	1.250	5/8	VCFKF			CPM-625271 CPM-625871
PS-600	B	1	1.187	5/8	BMFJF		Bronze Fitted KRVSA-3/4, 1-1/4, Model B 1/4 to 1-1/2 HP Motors	CPM-10015
PS-616	B	1	1.187	5/8	BMFKF		Iron Fitted KRVSA-3/4, 1-1/4, Model B 1/4 to 1-1/2 HP Motors	CPM-10029, 60110269
PS-359	C	1	1.250	5/8	BCFJF		1x 4, 3/4, 1, 1-1/4, 2 x 5 HK & HOK	CPM-6251C1
PS-633	C	1	1.250	5/8	BCFKF		1x 4, 3/4, 1, 1-1/4, 1-1/2, 2 x 5 HK	CPM-625171
PS-760	A	3	1.375	3/4	BMFJF		SMP 1000 & SMP 2000	CPM-10600A
PS-601	B	1	1.375	3/4	BMFJF			CPM-10034, 60116225
PS-606	B	1	1.375	3/4	BMFKF			CPM-10035, 60110301
PS-564	C	—	—	3/4	BCF-F			024439-00
PS-3654	C	1	1.375	3/4	BCFKF		SMP2000	
PS-2236	C	3	1.375	3/4	BCFJF		SMP2000	1802ATY210RM075BF1C1 60721792, 60980901
PS-2235	C	3	1.375	3/4	VCFJF			CPM-10606A, 60724572
PS-7994	E	3	1.187	3/4	VCFKF			1802AJCTYPIR075XP171
PS-303	D	1	1.500	7/8	BCDKF		SMP2000	W-11448, W-20168
PS-602	D	1	1.562	7/8	BCDJF		KRVS-1-1/2, 2, 3 1/4 to 1-1/2 HP	CPM-10052
PS-603	D	1	1.562	7/8	BCDKF		KRVS	CPM-10053
PS-7859V	E	3	1.312	7/8	VCFKF	316SS		1802AJCTYP1R088BF171
PS-560V	U	3	1.562	15/16	VCFKF		7GA	1802AJCTYP1R094 03144601, 74744319
PS-801	C	3	1.750	1-1/8	B/VCFJF		3 x 5 HK, 3 x 6 HK	CPM-1121C1, 60487089
PS-2226	C	3	1.750	1-1/8	QCFZF	I	3 x 5 HK, 3 x 6 HK	CPM-112171
PS-355V	C	3	1.750	1-1/8	VCFKF			39633201, 39757141
PS-604	D	1	1.750	1-1/8	BCFJF		Bronze Fitted KRVS-1	CPM-10054, CPM-10026 60110434
PS-605	D	1	1.750	1-1/8	BCFKF		Iron Fitted KRVS-1	CPM-10055, 60110442
PS-521	D	1	1.875	1-1/8	BCFKF			
PS-607	E	1	1.687	1-1/8	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	E	1	1.687	1-1/8	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-867	E	3	1.750	1-1/8	BCFKF			68885865, 69237592
PS-4421	E	3	1.750	1-1/8	QCFJF	316SS		
PS-204V	E	3	1.750	1-1/8	VCFJF			CPM-10715A, 60954682 1802AJCTYP1A112XF1C1
PS-867V	E	3	1.750	1-1/8	VCFKF			CPM-10715B, 68885847
PS-867V-TC-SEAT	E	3	1.750	1-1/8	VCFZF			1802AJCTYP1A112XF1D1 60954716

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

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>INGERSOLL-DRESSER PUMPS AND COMPRESSORS (Also See FLOWERVE CORP.) (continued)</b>								
PS-1636	E	3	1.812	1-1/8	B/VCFJF		H/HC/VOC/HOC	CPM-10465A, CPM-10470A
PS-1637	E	3	1.812	1-1/8	B/VCFKF		H/HC/VOC/HOC	CPM-10406B, CPM-10465B CPM-10470B
PS-619	E	3	1.812	1-1/8	BCFJF		Extended Carbon	CPM-10217A, CPM-10220A
PS-948	E	3	1.812	1-1/8	BCFKF		Extended Carbon	CPM-10220B, CPM-10217B
PS-1668	E	3	1.812	1-1/8	BCFZF			CPM-10465C, CPM-10470C
PS-1172V	E	3	1.812	1-1/8	VCFJF		6 VOC 7 HOC	CPM-10406A
PS-1639V	E	3	1.812	1-1/8	VCFKF			CPM-10406B
PS-3511	T	3	1.750	1-1/8	VCFJF		HOC2 & VOC 2	1802AJCTYP1DBLXF1C1
PS-310	E	1	1.875	1-3/16	BCDJF			CPM-118S429X5
PS-343	E	1	1.875	1-3/16	BCDKF			CPM-118S429X2
PS-723	T	1	1.875	1-3/16	BCDJF		Models DHV and DMV	CPM-118S429X4 60111267
PS-724	T	1	1.875	1-3/16	BCDKF		Models DHV and DMV	CPM-118S429X3
PS-185	C	1	1.875	1-1/4	BCFJF			CPM-10601A
PS-756	C	1	1.875	1-1/4	BCFKF			
PS-618	C	3	1.875	1-1/4	BCFJF		SMP 3000 & SMP 2000	1802ATY210RM125BF1C1 60721800, 60980918 60980919, CPM-10601A
PS-598-EPR	C	3	1.875	1-1/4	QCFKF			CPM-10604A 1802TY210RM028F171
PS-2203	C	3	1.875	1-1/4	QCFKF	I		1802ATY210RM125028F171 68867910
PS-185V	C	3	1.875	1-1/4	VCFJF			CPM-10613A 1802ATY210RMXFICI 68867902
PS-756V	C	3	1.875	1-1/4	VCFKF			74898800
PS-618V-TC-SEAT	C	3	1.875	1-1/4	VCFZF			CPM-10709, 60727401
PS-416	D	—	—	1-1/4	BCF-F			74898800, W-32652
PS-3973	U	2	1.875	1-1/4	BCPKF			
PS-467	C	1	2.125	1-3/8	BCFKF			W-28861, W-21642
PS-5003	C	2	2.125	1-3/8	NCFKF	316SS		
PS-354	E	1	2.000	1-3/8	BCFJF			CPM-137S429X5
PS-677	E	1	2.000	1-3/8	BCFKF			CPM-137S429X2
PS-3925	E	3	2.125	1-3/8	VCFJF			1802AJCTYPEA138XF1C1 74816117
PS-3878	E	3	2.125	1-3/8	VCFJF	316SS	HOC 3, Group 1	
PS-725	T	1	2.000	1-3/8	BCFJF			CPM-137S429X4, 60111275
PS-726	T	1	2.000	1-3/8	BCFKF			CPM-137S429X3
PS-371	D	1	2.125	1-1/2	BCFKF			W-27658
PS-2106	E	—	—	1-1/2	BCF-F			3879AJCTYP1A150BF1-1 68886183, 68886175
PS-2106V	E	—	—	1-1/2	VCF-F			CPM-10369ABC CPM-10407ABC 3879AJCTYP1A150-XFI 80612400
PS-305	E	1	2.125	1-1/2	BCFJF		GTB	CPM-10367A CPM-10368A
PS-395	E	3	2.125	1-1/2	BCFJF			CPM-10132
PS-258	E	3	2.125	1-1/2	BCFKF		GTB	CPM-10129, CPM-10367B CPM-10368B, 6886100
PS-305V	E	3	2.125	1-1/2	VCFJF		GTB	CPM-10369A 1802AJCTYP1A150XF1C1 68886068
PS-374V	E	3	2.125	1-1/2	VCFKF		GTB	CPM-10369B 1802AJCTYPIRX171 1802AJCTYP1A150XF171
PS-620	E	3	2.312	1-1/2	BCFJF		Extended Carbon	CPM-10218A CPM-10221A
PS-629	E	3	2.312	1-1/2	BCFKF		Extended Carbon	CPM-10218B CPM-10221B

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>INGERSOLL-DRESSER PUMPS AND COMPRESSORS (Also See FLOWERVE CORP.) (continued)</b>								
PS-4034	E	3	2.312	1-1/2	BCFZF			CPM-10466C, 60514148
PS-1647	E	3	2.312	1-1/2	B/VCFJF		H/HC	CPM-10466A CPM-10471A
PS-1648	E	3	2.312	1-1/2	B/VCFKF		H/HC	CPM-10466B CPM-10471B, 60514288
PS-1651	E	3	2.312	1-1/2	VCFJF		H/HC	CPM-10473A, 60514122
PS-620V	E	3	2.312	1-1/2	VCFJF		Extended Carbon	CPM-10224A
PS-1652	E	3	2.312	1-1/2	VCFKF		H/HC	CPM-10473B, 60514726
PS-1691	E	3	2.312	1-1/2	VCFKF		Extended Carbon	CPM-10224B
PS-1692	E	3	2.312	1-1/2	VCFZF		Extended Carbon	CPM-10224C
PS-818	C	3	2.375	1-5/8	BCFJF		SMP 3000	CPM-10602A, 60721818
PS-609	E	1	2.312	1-5/8	BCDJF		2,3,4 and 5RVL-3 RVH-1-1/2 ORVL	CPM-10045, 60110343
PS-484	E	1	2.312	1-5/8	BCDKF			X33548P1
PS-346	E	1	2.312	1-5/8	BCFJF		3 RVL	CPM-10028
PS-610	E	1	2.312	1-5/8	BCFKF		2,3,4 and 5RVL-3 RVH-1-1/2 ORVL	CPM-10046, 60110350
PS-7950	E	3	2.312	1-3/4	QCFZF	I		74840992
PS-859-TC-SEAT	E	3	2.500	1-3/4	BCFZF		S-Row Series 100	CPM-10347
PS-4139	E	3	2.625	1-3/4	VCFKF			1802ATCTYP1R175XF171
PS-674	T	1	2.500	1-3/4	BCFJF		3, 4, 5 RVL and CRVL	CPM-10024
PS-722	E	1	2.625	1.771	BCFJF			CPM-177S429X5
PS-719	E	1	2.625	1.771	BCFKF			CPM-177S429X2
PS-727	T	1	2.625	1.771	BCFJF			CPM-177S429X4
PS-728	T	1	2.625	1.771	BCFKF			CPM-177S429X3
PS-340-EPR-CMS	C	1	2.625	1-7/8	QCFJF			CPM-10656
PS-2069	E	1	2.625	1-7/8	BCFJF			CPM-10370A
PS-2071	E	3	2.625	1-7/8	BCFJF			CPM-10371A
PS-2072	E	3	2.625	1-7/8	BCFKF		3GT	CPM-10158, CPM-10370B CPM-10371B, 1802AJCTYP1A188B XF1716043421,68885987
PS-1659	E	3	2.625	1-7/8	VCFJF		GTB	CPM-10372A 1802AJCTYP1A188XF1C1 60954757
PS-1660	E	3	2.625	1-7/8	VCFKF		GTB	CPM-10372B 60954807, 68859601
PS-1661	E	3	2.625	1-7/8	VCFZF			CPM-10716C 1802AJCTYP1A188-XF1D1
PS-949	E	3	2.687	1-7/8	BCFKF		Extended Carbon	CPM-10219B, CPM-10222B
PS-1664	E	3	2.687	1-7/8	B/VCFJF		VOC/HOC	CPM-10219A, CPM-10222A CPM-10461A, CPM-10467B CPM 10472B
PS-7020	E	3	2.687	1-7/8	VCFJF			CPM-10225A, CPM-10408A CPM-10467A
PS-1653	T	3	2.687	1-7/8	VCFJF		HOC 6 x 4 x 13	CPM-10278
PS-530	E	3	2.750	2	BCFJF			
PS-477	E	3	2.750	2	BCFKF		S Line	CPM-200S429X2 CPM-200S429X7
PS-342	E	3	2.750	2	NCPKP		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	E	3	2.812	2-1/8	BCFJF		All Bronze Fitted Pump 1-1/2, 2 MRV-5 RVH, 6 RVL, 50RVL D	CPM-10047
PS-1612	E	3	2.812	2-1/8	BCFKF		All Iron Fitted Pumps 1-1/2, 2 MRV-5 RVH, 6 RVL, 50RVL D	CPM-10048, 60110376
PS-2086	E	3	3.000	2-1/8	BCFKF		Series 100S	CPM-10351
PS-5076	C	3Special	3.125	2-1/4	VCFKF			
PS-278	E	3	3.250	2-3/8	BCFJF		HOC	CPM-10469A
PS-350	E	3	3.250	2-3/8	BCFKF		4GT/S/HOC	CPM-10159, CPM-10469B
PS-278V	E	3	3.250	2-3/8	VCFJF		HOC	1802AJCTYP1A238-XF1C1 6003427, 60969797
PS-2098V	E	3	3.250	2-3/8	VCFKF			CPM-10718B, CPM-10251B
PS-3498	D	3	3.375	2-1/2	VAFLF	N/S		39929351
PS-279	E	3	3.375	2-1/2	BCFJF			CPM-10134
PS-349	E	3	3.375	2-1/2	BCFKF		S Line	CPM-250S429X2 CPM-250S429X7, 69261360
PS-321	E	3	3.500	2-3/4	V/BCFKF		S Line Series 100	CPM-10355
PS-475	E	3	3.875	3	BCDKF		6GT	
PS-325SS	U	3	4.125	3-1/4	BCFKF		S Line, 8 x 14SD, 10 x 14SD	CPM-325S429X2, 69261378

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

# PUMP MANUFACTURERS' CROSS-REFERENCE

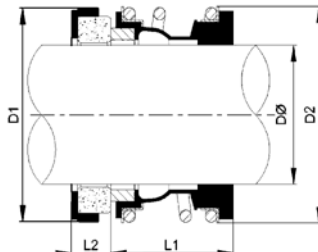
U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>INSINGER MACHINE CO. - (Dishwashers)</b>								
PS-204	E	1	1.750	1-1/8	BCFJF			B15
<b>ITT INDUSTRIES (See A-C Pump, Bell &amp; Gossett, Domestic Pump, Jabsco, Marlow)</b>								
<b>ITT R &amp; CW (ITT RESIDENTIAL &amp; COMMERCIAL WATER PUMPS)</b>								
PS-3926	B	9	1.062	5/8	VCFKF	316SS		A00202C 1
PS-544V-SC-SC	C	3	2.375	1-5/8	VFLFL			76407 3625
PS-3993	C	3	2.750	2	BCFJF			76407 1200
<b>JABSCO</b>								
PS-642	B	—	—	5/8	BMF-F		Seat is Impeller	1/2" Motor Pump
PS-382	D	1	2.125	1-1/2	BCFJF			3200 and 3200-01, 3200-21
<b>JACUZZI (Div. of STA-RITE INDUSTRIES)</b>								
PS-162	A	1	1.000	1/2	BMFJF			10-563
PS-631	C	1	1.000	1/2	BCFJF	N	Model 5AM	10-564
PS-200	A	1	1.250	5/8	BMFJF		Cygnets K, KM, Vector LVLA, J, JCM, LCM, LCU and LR Series	10-467, 10-1436-00 10-0002-06
PS-290	C	1	1.250	5/8	BCFJF	N		10-1202, 10-1203, 7524000
PS-359	C	1	1.250	5/8	BCFJF			10-478, 10-506
PS-102	D	1	1.250	5/8	BCDKF			10-502
PS-201	A	1	1.375	3/4	BMFJF		Model 5RP, SF, Magnum®, RC-Series	10-477, 10-486, 10-120 10-1390-04, 10-1502-09
PS-358	C	1	1.375	3/4	BCFJF			10-479
PS-877	C	1	1.375	3/4	BCFJF		8M	10-1203-01, 10-1203-19
PS-683	C	1	1.500	3/4	BCFJF			10-100
PS-750	D	1	1.375	3/4	BCDJF			10-503
PS-235	C	1	1.625	1	BCFJF		10M	10-504, 10-1299-06
PS-204	E	1	1.750	1-1/8	BCFJF			10-505
PS-185	C	1	1.875	1-1/4	BCFJF			10-0369-29, 10-1400-02
PS-2122	C	1	1.875	1-1/4	BCFJF			10-0369-03
PS-209	K	—	—	1-3/8	BCF-F			10-315, 10-328
PS-758	C	1	2.125	1-1/2	BCFJF			10-1348-07
PS-2142	C	1	2.500	1-3/4	BCFJF			10-0307-00
PS-205	E	1	2.500	1-3/4	BCFJF			10-330
PS-213	R	—	—	1-3/4	BCD-F			10-323
PS-874	D	1	3.125	2-1/4	BCDJF			10-365
<b>JAEGER</b>								
PS-201	A	1	1.375	3/4	BMFJF			
PS-360	A	1	1.625	1	BCFJF			
PS-356	C	1	1.750	1-1/8	BCFJF			80237
PS-177	C	1	2.000	1-3/8	BCFJF			81031-1
PS-461	D	1	2.375	1-5/8	BCDKF			66319-1
PS-876	D	1	2.625	2	BCDKF			66435-1
<b>JANDY (Div. of ZODIAC POOL SYSTEMS)</b>								
PS-1000	B	1	1.250	5/8	BMFJF		P84-60	P55
PS-3890	G	1	1.381	5/8	BCFJF		PB-460Q	P84-3
PS-4280	G	1	1.381	5/8	VCFJF		FHP, JEP, MHP, PHP, SHP, SWF, WFTR	R00479400
PS-4231	G	1	1.375/ 1.381	5/8/ 3/4	VCFJF		PHPM, PHPF New & Old Style Contains PS-4280 and PS-3868	R0445500
PS-601	B	1	1.375	3/4	BMFJF		HHP, HHPU, MHP, MHPU	R0338200
<b>JOHN BEAN TECH</b>								
PS-397	C	—	—	1	BCF-F			401-50-0001
FA-1850	C	—	—	1-1/2	BCF-F			401-50-0006
<b>JOHNSON CONTROLS</b>								
PS-4026	D	3	2.500	1-3/4	NCFKF			029 22359 001
PS-6147	C	—	—	2-1/2	NCF-F			522M0007H01
PS-6151	D	—	—	2-5/8	NCP-P	I		02913450 000
PS-4028	K	3 Special	4.500	2-7/8	NCFGF			523B0201G01
<b>JOY MFG. (See SULLIVAN PALATEK)</b>								

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>KADY INTERNATIONAL</b>								
PS-687	C	1	1.500	7/8	BCFKF			91381
PS-210	C	1	2.000	1-3/8	BCFKF			91379
PS-3541	T	3	2.000	1-3/8	VZFFZ	316SS		118563
<b>KASCO MARINE</b>								
PS-3960	G	1	1.250	5/8	BCFJF			840500
PS-3199	G	1	1.250	5/8	BLFLF			840370
<b>KENCO</b>								
PS-162	A	1	1.000	1/2	BMFJF		Type 62, 63, 64, 65	
PS-163	B	1	1.000	1/2	BMFJF			AE001A1
PS-165	B	9	.906	1/2	BMFJF	A	59A,140A	
PS-200	A	1	1.250	5/8	BMFJF		Model 139A New Style	
PS-452	B	9	—	5/8	BMFJF	A	Model 109A New Style	
PS-762	A	3	1.375	3/4	BMFKF		Model 114	6A001A1
<b>KINNEY VACUUM PUMP (Div. of TUTHILL CORP.)</b>								
PS-358	C	1	1.375	3/4	BCFJF			KC2.5-15, KS-13 KC-5, KC-8(491)
PS-358V	C	3	1.375	3/4	VCFJF			65046
PS-197	K	—	—	7/8	BCF-F			SK-549
PS-357	C	1	1.625	1	BCFKF			KS-27-47
PS-159	D	3	1.625	1	NCPGP		VSM-778-8811	65024
PS-355	C	1	1.750	1-1/8	BCFKF			KC-46
PS-659	C	1	2.125	1-1/2	BCFKF			KD-110, KDH-130
PS-238V-CMS	C	1	2.375	1-5/8	VCFJF			065241A000
PS-366	E	1	2.500	1-3/4	BCFKF			KD-220, KDH-220
PS-462	D	1	2.750	2	BCDKF			
PS-658	R	1	2.750	2	BCDKF			KBM-1200, MB-17
<b>KLEIN PRODUCTS OF KANSAS, INC.</b>								
PS-547	C	3	2.000	1-3/8	BCFKF			33011197
PS-3138	C	1	2.375	1-5/8	BCFKF			33024421
PS-3179	C	1	2.375	1-5/8	BCFLF			33024421HD
<b>KNIGHT EQUIPMENT - (Dishwashers)</b>								
PS-200-EPR	A	1	1.250	5/8	QCFJF			9600745
<b>KRASSL CO.</b>								
PS-150	B	—	—	1/2	BMF-F		Seat is Impeller	

Value Guard Part No.	Head		Seal Size	Material Code	Mfg. Part No.
<b>KSB CENTRIFUGAL PUMP</b>					
VGM-3950	VGMC-1		10MM	VLFLF	KU 010
VGM-3951	VGMC-1		15MM	VLFLF	KU 015
VGM-3952	VGMC-12S		16MM	VLFLF	
VGM-3242	VGMC-12S		22MM	VLFLF	KU 022
VGM-3243	VGMC-12S		28MM	VLFLF	NU 026
VGM-3244	VGMC-12S		38MM	VLFLF	NU 038
VGM-3245	VGMC-12S		48MM	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



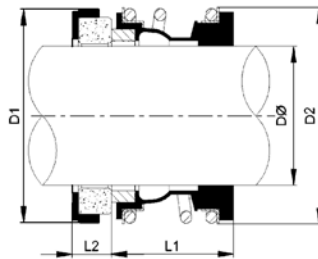
Type VGMC-12S

NOTE: A. MOUNTS ON SHAFT

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Head			Seal Size	Material Code			Mfg. Part No.
<b>KSB SUBMERSIBLE PUMP</b>								
VGM-1410U	VGMC-1			10MM	VCFLF			
VGM-1410L	VGMC-1				VLFLF			SU 010
VGM-1415U	VGMC-1			15MM	VCFLF			
VGM-1415L	VGMC-1				VLFLF			SU 015
VGM-1425U	VGMC-1			25MM	VCFLF			
VGM-1425L	VGMC-1				VLFLF			SU 025
VGM-1428U	VGMC-1			28MM	VCFLF			
VGM-1428L	VGMC-1				VLFLF			SU 028
VGM-1430U	VGMC-1			30MM	VCFLF			
VGM-1430L	VGMC-1				VLFLF			SU 030
VGM-1433U	VGMC-1			33MM	VCFLF			
VGM-1433L	VGMC-1				VLFLF			SU 033
VGM-1443U	VGMC-1			43MM	VCFLF			
VGM-1443L	VGMC-1				VLFLF			SU 043
VGM-1448U	VGMC-1			48MM	VCFLF			
VGM-1448L	VGMC-1				VLFLF			SU 048
VGM-1475U	VGMC-1			75MM	VCFLF			
VGM-1475L	VGMC-1				VLFLF			SU 075
VGM-1490U	VGMC-1			90MM	VCFLF			
VGM-1490L	VGMC-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.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>LABCONCO CORP. - (Dishwashers)</b>								
PS-6308	Q	9	1.250	11/16	Special	A		4485800
<b>LANCASTER PUMP CO.</b>								
PS-150	B	—	—	1/2	BMF-F		Seat is Impeller 376 Laundro Pak	4761
PS-1002	C	1	1.000	1/2	BCFJF		Converto, Supreme Jet, MTR Jet, Type M 901 thru 906, Type P, all models	1061
PS-200	A	1	1.250	5/8	BMFJF			2661
PS-1000	B	1	1.250	5/8	BMFJF			5236
PS-151	B	1	1.375	5/8	BMFJF		Types S & SD Lancaster Dutchman- 1182, 1183, 1192, 1193	2461
PS-1005A	B	1	1.375	5/8	BMFKF			2561
PS-447	B	8	—	5/8	BCFJF	A	Model 570, 575, 1775	
PS-493	C	1	1.187	5/8	BCFKF			5256
PS-201	A	1	1.375	3/4	BMFJF		Types S & SD Lancaster Dutchman- 1182, 1183, 1192, 1193	1661
PS-358	C	1	1.375	3/4	BCFJF		Self Priming Pump Model 673	1361
PS-703	D	1	1.500	7/8	BCDJF		Turbo Pak Model 523BF- 524 BG	429 7/8
PS-360	A	1	1.625	1	BCFJF		Type M-907 and M-908	7561
PS-381	D	1	1.875	1-1/4	BCFJF		Type M-909 and M-910	909-61
<b>LEAR SIEGLER (See Sherwood Brass)</b>								

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>LEHIGH</b>								
PS-752	D	1	1.375	3/4	BCDKF			D-811
PS-108	E	1	1.875	1-1/4	NCPKP			D-845
<b>LELAND FARADAY</b>								
PS-142	B	1	1.000	1/2	BMFJF			
PS-163	B	1	1.000	1/2	BMFJF		Model LFP-43000	
PS-1000	B	1	1.250	5/8	BMFJF		Models LFP-2075, 2100, 2150, 2200	
PS-800	C	1	1.156	5/8	BMFJF	H	Models LFP-333-615, 14107-14120, 34105-34320	
PS-877	C	1	1.375	3/4	BCFJF		Models LFP-533-1100, 5050, 5075, 5100	
<b>LEROY SOMER NORTH AMERICA</b>								
PS-3893	C	3 Special	1.500	7/8	VCFGF			90243401
PS-3943	C	3 Special	2.125	1-1/2	VCFGF			90348301
PS-3945	C	3 Special	1.875	1-1/4	VCFGF			90311601
PS-3584	C	3 Special	2.000	1-3/8	VCFGF			90300001
PS-3939	C	3 Special	2.375	1-5/8	VCFKF			90352401
<b>LEWIS, CHARLES S. &amp; CO. (Div. of WEIR GROUP)</b>								
PS-381	D	1	1.875	1-1/4	BCFJF			
PS-3032	D	1	1.875	1-1/4	VLFLF			
PS-3555	D	1	1.875	1-1/4	QLFLF			10282
PS-205	E	1	2.500	1-3/4	BCFJF			
PS-205-P66	E	1	2.500	1-3/4	BCFJF	I		21353
PS-366	E	1	2.500	1-3/4	BCFKF			10283
PS-3031	E	1	2.500	1-3/4	VLFLF	316SS		
PS-858-EPR-SC-SC	E	3	2.500	1-3/4	QLFLF			14690
<b>LINK BELT</b>								
PS-357	C	1	1.625	1	BCFKF			WB-35
PS-355	C	1	1.750	1-1/8	BCFKF			WB-40
PS-461	D	1	2.375	1-5/8	BCDKF			WB-60
PS-288	D	1	2.500	1-3/4	BCDKF			WB-70
<b>LITTLE GIANT PUMP CO. (Div. of FRANKLIN ELECTRIC CO., INC.)</b>								
PS-3048	B	1	1.000	1/2	BCFJF			926029, 926030
PS-163	B	1	1.000	1/2	BMFJF			926024
PS-165	B	9	.906	1/2	BMFJF	A		108112, 926031
PS-961	B	1	1.250	5/8	BCFJF			926034
PS-1000	B	1	1.250	5/8	BMFJF		Pump 10 & 12	
PS-933	C	—	—	5/8	BCF-F			926052
PS-552	C	3	1.250	5/8	BCFJF			926051
PS-356V	C	3	1.750	1-1/8	VCFJF			926042, 926043
<b>LOBEE PUMP &amp; MACHINERY CO.</b>								
PS-9009	W	2	1.500	7/8	TCFJF	316SS		
<b>LOCKWOOD PUMP</b>								
PS-301	A	1	1.375	3/4	BMFJF			
PS-360	A	1	1.625	1	BCFJF		CM Pump	
<b>LOGANSPOUT</b>								
PS-400	C	—	—	1/2	BMF-F			P-9509
PS-106	C	1	1.000	1/2	BCFKF			P-17251
PS-109	D	—	—	5/8	BCD-F		SF-4, SF-10	P-14883
PS-564	C	—	—	3/4	BCF-F		SF-80, 100, 125, 150	P-9518
<b>LOMART</b>								
PS-150	B	—	—	1/2	BMF-F		Seat is Impeller	
PS-142	B	1	1.000	1/2	BMFJF			
PS-163	B	1	1.000	1/2	BMFJF			40-027, 40-029
PS-1000	B	1	1.250	5/8	BMFJF			
<b>LOUIS PUMP</b>								
PS-370	A	1	1.625	1	BCFKF			
<b>LOU-RICH MACHINE TOOL - (Ice Machines)</b>								
PS-6305	Q	2	1.625	1	BMDAF			13417

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

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>LUITWEILER PUMP</b>								
PS-201	A	1	1.375	3/4	BMFJF			
PS-361	E	1	1.875	1-1/4	BCFJF			
<b>LYCO WAUSAU, INC.</b>								
PS-446	C	1	2.500	1-3/4	BCFJF			1100-17
<b>MAGNETROL (See SCHAUB ENGINEERING CO.)</b>								
<b>MAGNUM PRODUCTS, LLC.</b>								
PS-516	A	1	1.250	5/8	BCFJF			48273
PS-185-SC-SC	C	1	1.875	1-1/4	BLFLF			48253
PS-758	C	1	2.125	1-1/2	BCFJF			48265
PS-541	K	1	2.125	1-1/2	BCFJF			42764
<b>MANITOWOC CO., INC. - (Ice Machines)</b>								
PS-360	A	1	1.625	1	BCFJF			003705011
<b>MARLOW</b>								
PS-151	B	1	1.375	5/8	BMFJF			42513-00
PS-2161	B	1	1.375	5/8	BMFJF		SCT Series, Stainless Steel	46328-00
PS-411	B	11	—	5/8	BMFJF	A	Model H23EC-A 1-1/2 HP, 2AF Series	23736-00, 25353-00 25353-20, 26467-00
PS-411V	B	11	—	5/8	VCFJF	A		27678-00, 29163-00 29163Z
PS-201	A	1	1.375	3/4	BMFJF		Argonaut®, Mardur®	38592-00
PS-405	A	27	1.625	1	B/VCFJF			26473-00
PS-413	C	27	1.625	1	BCFJF			20760-00, 25355-00
PS-978	C	1	1.765	1-1/4	BCFJF	B	L Series	45672-20
PS-979	C	1	1.765	1-1/4	BCFKF	B		
PS-923	C	25	2.250	1-1/4	BCFJF	B		27233-20, 27452-00
PS-416	D	—	—	1-1/4	BCF-F			27453-00
PS-416A	D	25	2.250	1-1/4	BCFJF		3B Series	27223-00, 27224-00 27225-00, 3B28EC-C2
PS-7919	C	3	2.000	1-3/8	B/VLFLF			43350-00
PS-929	C	25	2.000	1-3/8	BCFJF			25481-00
PS-404	D	25	2.000	1-3/8	BCDJF			25356-00, 25356-20 26477-00
PS-8048	XT	3	2.125	1-3/8	VCFJF	316SS		45184000000
PS-3832	C	1	2.375	1-5/8	QCFLF	B/I		
PS-818	C	3	2.375	1-5/8	BCFJF			46983-00
PS-544V-SC-SC	C	3	2.375	1-5/8	VLFLF			43435-00
PS-7497	C	25	2.500	1-5/8	B/VCFJF			28146-00, A05669E000R
PS-514	D	1	2.375	1-5/8	BCDJF		L Series	45673-20
PS-446	C	1	2.500	1-3/4	BCFJF			25357-00
PS-550	C	3	2.500	1-3/4	BCFJF		Model 6 EL	47182-00
PS-3040	K	3	2.750	1-3/4	BCFJF			4DW165B
PS-267	C	1	2.750	2	BCFJF			25358-00
PS-478	E	1	2.687	2	BCFKF			
PS-7963	K	3	3.000	2	BCFJF			43426000000
<b>MASSEY FERGUSON</b>								
PS-642	B	—	—	5/8	BMF-F			892-563M1
PS-647	B	—	—	3/4	BMF-F			1019-293M1
<b>McDONALD A-Y</b>								
PS-166	A	1	1.187	5/8	BMFJF			5MCD1
PS-501	A	1	1.250	5/8	BMFJF		3000, 4000 and 4100 Jet Well	5MCD4
PS-201	A	1	1.375	3/4	BMFJF			5MCD5
PS-521	D	1	1.875	1-1/8	BCFKF			5MCD2



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>MEGATOR CORP.</b>								
PS-359	C	1	1.250	5/8	BCFJF			5079
PS-359V-CMS	C	1	1.250	5/8	VCFJF			5079V
PS-358	C	1	1.375	3/4	BCFJF			5479
PS-309	C	1	1.500	7/8	BCFJF			5679
PS-309V-CMS	C	1	1.500	7/8	VCFJF			5679V
PS-356	C	1	1.750	1-1/8	BCFJF			5879
PS-356V-CMS	C	1	1.750	1-1/8	VCFJF			5879V
PS-185	C	1	1.875	1-1/4	BCFJF			5779
PS-758	C	1	2.125	1-1/2	BCFJF			5979
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			5979V
<b>MEMPHIS PUMP &amp; MFG. CO., INC.</b>								
PS-100	A	1	1.187	5/8	BMFJF			0625-6BC
PS-118	C	1	1.187	5/8	BCFJF			
PS-1091	C	1	1.187	5/8	VCFJF			
PS-508	D	1	1.250	5/8	BCDJF			
PS-201	A	1	1.375	3/4	BMFJF			
PS-1093	C	1	1.375	3/4	VCFJF			
PS-1092	C	1	1.375	3/4	VCFKF			
PS-1094	C	1	1.625	1	VCFJF			
<b>MEPCO (Marshall Engineered Products Co.) See DUNHAM-BUSH</b>								
<b>METAL MASTER</b>								
PS-150	B	—	—	1/2	BMF-F		Seat is Impeller	12515
PS-680	A	1	1.187	5/8	BCFJF			19023
PS-702	A	1	1.187	5/8	BMFJF			15110
PS-200	A	1	1.250	5/8	BMFJF			
PS-153	A	1	1.250	5/8	BMFKF			
PS-151	B	1	1.375	5/8	BMFJF			
<b>MET-PRO CORP.</b>								
PS-1000V	B	3	1.250	5/8	VCFJF			6960440
PS-3962	W Special	2	1.250	5/8	TCFJF			6960444
PS-397V	C	—	—	1	VCF-F			6765570
PS-236V	E	3	1.625	1	VCFKF			6764554
T9-1000	WT	—	—	1	TCF-F	316SS		6765575
PS-9349	WT	27	2.000	1	TCFZF	316SS		
PS-3137	C	3	1.750	1-1/8	VCFJF		Light Spring Load	6765938
PS-2104V	E	—	—	1-3/8	VCF-F			6767102
PS-1056V	C	3	2.500	1-3/4	VCFKF			6765941
PS-1056V-SC-SEAT	C	3	2.500	1-3/4	VCFJF			6765942
PS-366V	E	3	2.500	1-3/4	VCFKF			6764540, 6765965
PS-8122	XB1	3	2.500	2	XCFLF	316SS		6765945
<b>MEYER- MOJONNIER</b>								
PS-227	D	1	1.750	1	BCFKF			750062149
<b>MIDLAND PRODUCTS (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-201	A	1	1.375	3/4	BMFJF			6070-0
PS-360	A	1	1.625	1	BCFJF		Models 5M, 7M and 18M	6007-0
PS-177	C	1	2.000	1-3/8	BCFJF		Models 40M and 40W	
PS-805	C	3	2.000	1-3/8	BCFJF			6368-0
PS-550	C	3	2.500	1-3/4	BCFJF			6412-0
PS-532	C	3	2.750	2	BCFJF			6428-0
<b>MILE HIGH EQUIPMENT CO. - (Ice Machines)</b>								
PS-3120	Q	Special	1.625	1	Special			9121026-91
PS-6311	Q	Special	2.375	1-5/8	N/BMDAF			9121025-91
<b>MILRECO</b>								
PS-448	C	1	2.500	1-3/4	BCFKF			RMB-414
<b>MILTON ROY</b>								
PS-1002V	C	1	1.000	1/2	VCFJF			7802910

# PUMP MANUFACTURERS' CROSS-REFERENCE


U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>MONARCH PUMPS (Div. of FRANKLIN ELECTRIC CO., INC.)</b>								
PS-200	A	1	1.250	5/8	BMFJF			240160
PS-200V-CMS	A	1	1.250	5/8	VCFJF		ATH, AT600	240136
PS-851	A	1	1.375	3/4	BCFJF			240260
PS-201	A	1	1.375	3/4	BMFJF			240170, MS17
PS-201V-CMS	A	1	1.375	3/4	VCFJF		BSGF 6&8, B2U	240344, MS44
PS-460	D	1	1.625	1	BCFKF			240060
PS-185	C	1	1.875	1-1/4	BCFJF			240070
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF		8BSGF	240359
PS-186	D	1	2.000	1-3/8	BCDKF			240367
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			240362
PS-3972	K	3	2.500 / 2.125	1-1/2	VLFLF			
PS-448	C	1	2.500	1-3/4	BCFKF			240120
PS-436V	C	3	2.500	1-3/4	VCFKF			240387
PS-835	D	3	3.375	2-1/2	BCDJF			240363
PS-838	E	3	3.500	2-3/4	V/BCFJF			240290
<b>MONTGOMERY WARD</b>								
PS-358	C	1	1.375	3/4	BCFJF			24181
<b>MORETRENCH</b>								
PS-7766	K	3	3.125	2-1/4	BCFJF			
<b>MOYNO, INC.</b>								
PS-631	C	1	1.000	1/2	BCFJF	N		
PS-1002	C	1	1.000	1/2	BCFJF			3204215000
PS-4214	C	1	1.000	1/2	BCFJF			3206480000
PS-1002-EPR	C	1	1.000	1/2	QCFJF			3206497000
PS-1002V	C	1	1.000	1/2	VCFJF			3206037000
PS-200	A	1	1.250	5/8	BMFJF			
PS-359	C	1	1.250	5/8	BCFJF			3202424000
PS-1119	C	1	1.250	5/8	BCFJF		EM & EC Pumps	3202423000
PS-359-EPR-CMS	C	1	1.250	5/8	QCFJF			3206379000
PS-359V-CMS	C	1	1.250	5/8	VCFJF			3206501000
PS-633V-TC-SC	C	3	1.250	5/8	VZFLF			
PS-851	A	1	1.375	3/4	BCFJF		48-65C	3201625000
PS-358	C	1	1.375	3/4	BCFJF			3203945000
PS-5723	C	1	1.575	25MM	QCFLF	316SS		4230509001
PS-360	A	1	1.625	1	BCFJF		EC-67	
PS-548	C	3	1.625	1	BCFJF			3201750000
PS-380	D	1	1.625	1	BCFJF			
PS-262	E	3	2.500	1-3/4	BCFKF			
PS-3158	G	25	63MM	45MM	VLFLF			4241749045
<b>MP PUMPS, INC.</b>								
PS-4055	A	1	1.000	5/16	BCFJF			33976
PS-114	A	1	1.000	5/16	BMDJF			
PS-162	A	1	1.000	1/2	BMFJF			21609
PS-165	B	9	.906	1/2	BMFJF	A		
PS-113	B	1	1.093	5/8	BMFJF			13385
PS-447V	B	8	—	5/8	VCFJF	A	Model 2430	21580
PS-358	C	1	1.375	3/4	BCFJF			15151
PS-112	C	1	1.375	3/4	BCFKF			15112
PS-128V	C	3	1.375	3/4	VCFJF	B	15110, 15150, 15131, 15200, 15241	26640
PS-3788	G	3	1.375	3/4	VCFJF			30061
PS-9339	W	2	1.375	3/4	TCFJF	316SS		30054
PS-703	D	1	1.500	7/8	BCDJF			9524
PS-245V-CMS	C	1	1.625	1	VCFJF	B/H	Flomax 5 & 8	22272 - Old Style
PS-248V-CMS	C	1	1.625	1	VCFKF	B/H		22274
PS-380	D	1	1.625	1	BCFJF			14233
PS-4195	G	1	1.625	1	VCFJF	316SS	Flomax 5 & 8	22272 - New Style
PS-604	D	1	1.750	1-1/8	BCFJF			

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>MP PUMPS, INC. (continued)</b>								
PS-758	C	1	2.125	1-1/2	BCFJF			37203
PS-347	C	1	2.125	1-1/2	BCFJF	B/H		14421, 14424
PS-347V-CMS	C	1	2.125	1-1/2	VCFJF	B/H	Flomax 10 & 15	22361
PS-4482	C	1	2.125	1-1/2	VCFKF			22363
PS-382	D	1	2.125	1-1/2	BCFJF			
PS-3992	G	1	2.125	1-1/2	VCFJF			31374
PS-7587	W	2	2.125	1-1/2	TCFJF	316SS		26565
PS-446V-CMS	C	1	2.500	1-3/4	VCFJF			26685
PS-7959	D	3	2.500	1-3/4	VRFZF			26752
<b>MTH TOOL CO., INC.</b>								
PS-3133	C	3	1.250	5/8	NCFKF			12-5013-01-478
FA-10036	C	—	—	7/8	VCF-F	I		12-1068-01-494
PS-9317	W	2	2.000	1-3/8	TCFJF	316SS		12-1675-01-509
<b>MURPHY DIESEL</b>								
PS-358	C	1	1.375	3/4	BCFJF			MD-4090
PS-1095	C	—	—	1	BCF-F			MD-7980B1
<b>MUSKIN</b>								
PS-163	B	1	1.000	1/2	BMFJF			09-2001
PS-142	B	1	1.000	1/2	BMFJF			09-2013
<b>MYERS, F.E. (See PENTAIR, INC. for Additional Part Numbers)</b>								
PS-1621	Q	9	—	1/2	BMFJF	A		21607A001
PS-162	A	1	1.000	1/2	BMFJF			21607A015
PS-200	A	1	1.250	5/8	BMFJF			10840A1, A2, A3 14525A000, 1425A010 16275A
PS-200V-CMS	A	1	1.250	5/8	VCFJF			21181A044
PS-3845	B	8	1.299	5/8	BMFJF			25053A000
PS-359	C	1	1.250	5/8	BCFJF			22447A
PS-359V-CMS	C	1	1.250	5/8	VCFJF			21181A021
PS-508	D	1	1.250	5/8	BCDJF			10840A1
PS-968	A	1	1.437	3/4	BCFJF			11416A000
PS-101	A	1	1.437	3/4	BMFJF		Models H, HN, K, MHN	11416A, A2, A3
PS-902	B	9	—	3/4	BMFKF	A		21579A
PS-1125	C	1	1.375	3/4	BCFJF			25370A000
PS-7514	C	1	1.437	3/4	BCFJF			
PS-309	C	1	1.500	7/8	BCFJF			21576A000
PS-3907	C	1	1.500	7/8	BCFJF			21576A010
PS-3749	C	1	1.500	7/8	BCFJF			21576A011
PS-7130	C	1	1.500	7/8	BCFJF			WG-20-21-15
PS-703	D	1	1.500	7/8	BCDJF		Model 125 Centri-Thrift	11716A1
PS-983V	C	3	1.750	1-1/8	VCFKF			21181A6
PS-204	E	1	1.750	1-1/8	BCFJF			8824A1
PS-185	C	1	1.875	1-1/4	BCFJF			22577A000
PS-185-SC-SC	C	1	1.875	1-1/4	BLFLF			21181A062
PS-2208	C	1	1.875	1-1/4	BZFZF			21181A019
PS-381	D	1	1.875	1-1/4	BCFJF		Model 2695	21181A016, 15218A
PS-758	C	1	2.125	1-1/2	BCFJF			22922A000, 9200011
PS-2209	C	1	2.125	1-1/2	BZFZF			21181A013
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			21181A022, 9200031
PS-659V-TC-VS-TC	C	1	2.125	1-1/2	VZFZF			21181A064
PS-238	C	1	2.375	1-5/8	BCFJF			21181A032
PS-2212	C	1	2.500	1-3/4	BCFJF			22883A000
PS-446	C	1	2.500	1-3/4	BCFJF			11049-001-1
PS-237	D	1	2.500	1-3/4	BCDJF		300 FS-VG4D	
PS-7138	C	1	3.125	2-1/4	BCFJF			23605A000
PS-7138-TC-TC	C	1	3.125	2-1/4	BZFZF			21181A020
PS-1088	C	3	3.875	3	BCFJF	B		25449A000

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

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>NASH ELMO (Div. of GARDNER DENVER NASH)</b>								
PS-100	A	1	1.187	5/8	BMFJF			
PS-100V-CMS	A	1	1.187	5/8	VCFJF			PK-0389
PS-452	B	9	—	5/8	BMFJF	A	S1-1/4C	
PS-600	B	1	1.187	5/8	BMFJF			PK-0339
PS-600V-CMS	B	1	1.187	5/8	VCFJF			PK-0654
PS-764	A	1	1.375	3/4	BCFJF			PK-0482
PS-866	E	3	1.750	1-1/8	BCFJF			PK-0295, PK-0754
PS-282	U	3	1.750	1-1/8	BCFKF			PK-0334
PS-177	C	1	2.000	1-3/8	BCFJF		MH-50, MH-80	PK-0874
PS-177V	C	3	2.000	1-3/8	VCFJF			PK-2044
PS-354	E	1	2.000	1-3/8	BCFJF		AL 621	PK-0475
PS-864	E	3	2.000	1-3/8	BCFJF			PK-0873
PS-758	C	1	2.125	1-1/2	BCFJF			PK-0791
PS-2223	C	3	2.125	1-1/2	VCFZF			PK-0959
PS-382	D	1	2.125	1-1/2	BCFJF		MPS-673	PK-0624
PS-817	D	3	2.125	1-1/2	BCFJF			PK-0302, PK-0306
PS-305	E	1	2.125	1-1/2	BCFJF		MP-40	PK-0678
PS-884	K	1	2.125	1-1/2	BCFKF		MPS-40	
PS-238V	C	3	2.375	1-5/8	VCFJF			PK-3437
PS-3125	C	3	2.500	1-3/4	BCFJF	I		PK-0900
PS-446V-P66	C	3	2.500	1-3/4	VCFJF	I		PK-1531
PS-340	C	1	2.625	1-7/8	BCFJF			PK-0893
PS-338V	C	3	3.000	2-1/8	VCFJF	S		PK-3438
PS-9122	W	2	3.000	2-1/8	TCFJF	316SS		PK-2510
PS-874	D	1	3.125	2-1/4	BCDJF		1-1/2 H-6	PK-0341
PS-2089	D	3	3.125	2-1/4	BCFJF			PK-0479
PS-3233	C	3	3.250	2-3/8	VCFJF	316SS		PK-3439
PS-269V	C	3	3.375	2-1/2	VCFJF			PK-1772
PS-838	E	3	3.500	2-3/4	V/BCFJF			PK-0523
PS-9314	W	2	3.500	2-3/4	TCFJF	316SS		PK-3368
PS-8120	X	3	3.500	2-3/4	VCFZF	316SS		PK-3181
PS-2116	C	3	3.875	3	BCFJF		AD-303	PK-0937
PS-9140	W	2	3.875	3	TCFJF	316SS		PK-2522
PS-9351	W	2	4.875	4	TCFJF	316SS		PK-2549
<b>NATIONAL OILWELL VARCO</b>								
PS-3143	E	3	4.375	3-1/2	VZFZF			658416102
VG-3015	EV	3	3.375	2-1/2	VZFZF	316SS	Magnum™ 1	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>								
PS-150	B	—	—	1/2	BMF-F		Seat is Impeller	
<b>NEW BRUNSWICK SCIENTIFIC</b>								
PS-3082	C	3	.875	3/8	Q/NCFJF			P0280-0072
PS-4465	C	3	1.375	3/4	VCFJF	316SS		PO280-4582
PS-8036	X	5	1.383	3/4	QCFZF	316SS		PO280-0120
PS-8101	X Special	5	1.375	3/4	QCFZF	316SS		P0280-0420
PS-8116	X	5	1.633	1	QCFZF	316SS		P0280-4120
PS-8044	X	5	2.125	1-7/16	VCFZF	316SS		P0280-0131

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>OBERDORFER PUMPS</b>								
PS-671	B	1	.875	3/8	BMFJF		IGCC Pump	32373
PS-671V-CMS	B	1	.875	3/8	VCFJF			
PS-1098	B	1	.875	1/2	BMFJF		Model 142	32482
PS-3197	C	3	1.000	1/2	VCFJF	316SS		32772
PS-3003	G	3	1.000	1/2	BCFJF			32592
PS-642	B	—	—	5/8	BMF-F		4GP, 9GP, RA-TV, RB-TB	A-5377, A-6019
PS-600	B	1	1.187	5/8	BMFJF		4GP, 9GP, RA-TV, RB-TB	
PS-933V	C	—	—	5/8	VCF-F			9798A
PS-4346	C	3	1.187	5/8	VCFJF	316SS		33109
PS-359	C	1	1.250	5/8	BCFJF			A-5935
PS-235	C	1	1.625	1	BCFJF			32315
PS-235V-CMS	C	1	1.625	1	VCFJF			32372
<b>OHLER PUMP</b>								
PS-141	R	—	—	1	BCF-F			
PS-235	C	1	1.625	1	BCFJF			
PS-357	C	1	1.625	1	BCFKF			
PS-185	C	1	1.875	1-1/4	BCFJF			
PS-186	D	1	2.000	1-3/8	BCDKF			
PS-209	K	—	—	1-3/8	BCF-F			
<b>PACER PUMPS</b>								
PS-601	B	1	1.375	3/4	BMFJF			714-11
PS-4056	B	1	1.375	3/4	QCFJF		S1A150-704, S2A150-704 S2A150-975, S3A150-975	714-12
PS-601V-CMS	B	1	1.375	3/4	VCFJF			714-14
<b>PAC-FAB (PENTAIR POOL PRODUCTS, INC.)</b>								
PS-952	A	1	1.250	5/8	BCFJF		AV-7 Pump	23822
PS-200	A	1	1.250	5/8	BMFJF		Challenge <sup>®</sup> , Dynamite, Dynamo <sup>®</sup> Dynatron <sup>®</sup> , Pinnacle <sup>®</sup>	354545
PS-201	A	1	1.375	3/4	BMFJF		Hydropump <sup>®</sup>	354001
<b>PACIFIC PUMPING CO. (PACO)</b>								
PS-516	A	1	1.250	5/8	BCFJF			14010242
PS-200	A	1	1.250	5/8	BMFJF			SL-7101, SL-7741 K102-1, 91909744
PS-628	A	3	1.250	5/8	BMFKF			K100-7, 14008630 K102-7, 91909687 91909747
PS-1618	C	1	1.250	5/8	BCFJF	B		14032695
PS-2149	C	3	1.250	5/8	BCFKF	B		14032688
PS-508	D	1	1.250	5/8	BCDJF			SL-7100
PS-973	A	1	1.375	3/4	BCFKF			K101-7, 91909722
PS-201	A	1	1.375	3/4	BMFJF			K101-1, 91909719
PS-768	C	3	1.375	3/4	BCFKF			14032689
PS-112V	C	3	1.375	3/4	VCFKF			14032363
PS-750	D	1	1.375	3/4	BCDJF		Model 1-1/2LRV, 1-1/4JS	
PS-752	D	1	1.375	3/4	BCDKF			SL-7104
PS-703	D	1	1.500	7/8	BCDJF			SL-7098
PS-235	C	1	1.625	1	BCFJF			SL-7735
PS-380	D	1	1.625	1	BCFJF			SL-7087
PS-460	D	1	1.625	1	BCFKF			SL-7106
PS-754	E	1	1.625	1	BCFJF			14007521
PS-204	E	1	1.750	1-1/8	BCFJF			SL-7770
PS-2122	C	1	1.875	1-1/4	BCFJF			K105-1, 14032698, K107-1 91909832, 91909909
PS-185	C	1	1.875	1-1/4	BCFJF			14033710
PS-756	C	1	1.875	1-1/4	BCFKF			SL-7094
PS-1109	C	3	1.875	1-1/4	BCFKF			K105-7, 14032691 91909838
PS-756V	C	3	1.875	1-1/4	VCFKF			K107-6, 91909912
PS-1109V	C	3	1.875	1-1/4	VCFKF			K105-6, 14032365 91909837
PS-154	C	—	—	1-1/4	BCF-F			14032143
PS-361	E	1	1.875	1-1/4	BCFJF		Model 2CLSU-3ALR	14007099
PS-361-P66	E	1	1.875	1-1/4	BCFJF	I		14007083
PS-137	E	1	1.875	1-1/4	BCFKF			SL-8102
PS-1183-P66	E	3	1.875	1-1/4	BCFKF	I		14008102

**NOTE:** B. TAPERED SPRING  
I. ABRASION RESISTANT CARBON (P66)

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PACIFIC PUMPING CO. (PACO) (continued)</b>								
PS-137V-P66	E	3	1.875	1-1/4	VCFKF	I		K600-6, 91911824
PS-3974	DB	1	1.875	1-3/8	BCFJF			14007089
PS-758	C	1	2.125	1-1/2	BCFJF			
PS-371	D	1	2.125	1-1/2	BCFKF			
PS-2106	E	—	—	1-1/2	BCF-F			14010219
PS-305	E	1	2.125	1-1/2	BCFJF			SL-8223
PS-374	E	1	2.125	1-1/2	BCFKF			
PS-2108	C	—	—	1-3/4	BCF-F			14032145, 14032355
PS-446	C	1	2.500	1-3/4	BCFJF			91909802
PS-2142	C	1	2.500	1-3/4	BCFJF			K104-1, 14032700
PS-2150	C	3	2.500	1-3/4	BCFJF			K106-1, 91909874 K108-1, 91909944
PS-2151	C	3	2.500	1-3/4	BCFKF			K303-7, 14032693
PS-2151V	C	3	2.500	1-3/4	VCFKF			K106-6, 91909878 K108-6, 91909947
PS-2151V-TC-SEAT	C	3	2.500	1-3/4	VCFZF			14032384
PS-205	E	1	2.500	1-3/4	BCFJF		Model 3CLSU	SL-7090, 14007090
PS-366	E	1	2.500	1-3/4	BCFKF			SL-8398
PS-262	E	3	2.500	1-3/4	BCFKF		KP3014-516	K307-71, 14008148 14008650, 14009965 29-5015-47001
PS-449	K	1	2.500	1-3/4	BCFJF			14033023
FA-1875	C	—	—	1-7/8	BCF-F			14033944
PS-3070	DB	3	2.500	1-7/8	BCDJF			
FA-513V	E	—	—	1-7/8	VCF-F			14034032
FA-2000	C	—	—	2	BCF-F			14032146
PS-479	E	1	2.750	2	BCFJF			K602-1, 91911836
PS-843	E	1	2.750	2	BCFKF			K602-7, 91911839
PS-530	E	3	2.750	2	BCFJF			K602-6, 91911838
PS-477	E	3	2.750	2	BCFKF			
PS-3537	C	1	3.125	2-1/4	BCFJF			14032701
PS-3041	C	3	3.125	2-1/4	BCFKF			14032694
PS-323	E	1	3.125	2-1/4	BCDJF			14001709, 14007709
PS-351	E	1	3.125	2-1/4	BCDKF			14017123, 29-60122-47001 K308-71
PS-1688	E	3	3.125	2-1/4	BCFJF			K111-1, 91910192
PS-2094V	E	3	3.125	2-1/4	VCFKF			K111-6, 91910195
PS-8089	XB1	3	3.125	2-1/2	QCFLF	316SS//S		

Value Guard Part No.	Seal Size	Material Code	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

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Size	Material Code	Old Paco No.	New Paco No.
<b>PACIFIC PUMPING CO. (PACO) - Replacement Seal Kits for End Suction Pumps (continued)</b>				
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	
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 for Paco End Suction Pumps include gaskets, o-rings, shaft key, impeller bolt, impeller washer, and mechanical seal.

Loctite® is included, if required for installation.

Paco 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-1021



VGK-1077

# PUMP MANUFACTURERS' CROSS-REFERENCE

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
<p>Kits include gaskets, o-rings, slingers, and mechanical seals.</p> <p style="text-align: center;"><b>VGK-1003</b></p> <p>* Kits with the letter B in the part number include the items listed above PLUS the bearings and oil seal.</p> <p>Paco 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.</p>					

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PAUL MUELLER CO.</b>								
PS-1002	C	1	1.000	1/2	BCFJF			9841604
PS-309	C	1	1.500	7/8	BCFJF			9842885
PS-356	C	1	1.750	1-1/8	BCFJF			9840339
PS-177	C	1	2.000	1-3/8	BCFJF			6840666
PS-4438	C	3	2.125	1-1/2	QCFZF	S		560173
<b>PEABODY-BARNES MFG.</b>								
PS-165	B	9	.906	1/2	BMFJF	A		29726
PS-163	B	1	1.000	1/2	BMFJF			18189
PS-200	A	1	1.250	5/8	BMFJF		For Comet, Rocket Econo, 25,31,33, 35,48,49,50,52,102DM and 740DM	11397-12839, 12703
PS-359	C	1	1.250	5/8	BCFJF			18873A
PS-552	C	3	1.250	5/8	BCFJF			23701
PS-508	D	1	1.250	5/8	BCDJF			5080
PS-201	A	1	1.375	3/4	BMFJF		Vertical Single and Multi Stage 152, 152DM, 202D, 202DM, 302D 302DM and 502DM	13110, 14017122
PS-358	C	1	1.375	3/4	BCFJF			15344, 67562
PS-235	C	1	1.625	1	BCFJF			18004-30090
PS-236	E	1	1.625	1	BCFKF			8022
PS-879	K	1	1.625	1	BCFJF			64434
PS-4301	K	1	1.625	1	BLFLF/ BCFJF			064434SD
PS-185	C	1	1.875	1-1/4	BCFJF		Models 18ACG, 18, 19, 23 & 26 CCG	70713
PS-598	C	3	1.875	1-1/4	BCFKF		3TACG Int 1020	33289
PS-383	D	1	1.875	1-1/4	BCFKF			12074
PS-4282	K	1	1.875	1-1/4	BL/CFLJF			39485SD
PS-1118	K	1	1.875	1-1/4	B/HCFJF			39485
PS-7323	K	1	1.875	1-1/4	BZ/CFZJF			60817
PS-228	K	3	1.875	1-1/4	BCFKF		Model 3TCCG	25328A
PS-3230	C	1	2.000	1-3/8	NCFJF			52601
PS-547	C	3	2.000	1-3/8	BCFKF			39463
PS-758	C	1	2.125	1-1/2	BCFJF			24998
PS-553	C	3	2.125	1-1/2	BCFKF			31000
PS-2062	D	3	2.500	1-3/4	BCFKF			13301
PS-2237	K	1	2.625	1-7/8	BCFJF			51938
PS-3753	K	1	2.625	1-7/8	BL/CFLJF			0608181SD
PS-332	C	3	2.750	2	BCFKF			53626




# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PEERLESS</b>								
PS-162	A	1	1.000	1/2	BMFJF			2665554
PS-100	A	1	1.187	5/8	BMFJF			
PS-200	A	1	1.250	5/8	BMFJF			2658090
PS-300	A	1	1.250	5/8	BMFJF		Convertible & Single Stage Jet Water King	2655294-V12271 1181377-2665624
PS-637	A	3	1.250	5/8	BMFJF			26922-69 000
PS-263	D	1	1.187	5/8	BCDKF			2675336
PS-508	D	1	1.250	5/8	BCDJF			2666910
PS-301	A	1	1.375	3/4	BMFJF		Single Stage Jet: J2G, J3G 1J, 2J, 3J, 15J, 75J,1GJ	2655293, 26650131
PS-750	D	1	1.375	3/4	BCDJF			2655888, 2663071
PS-265	D	3	1.375	3/4	BCDKF			
PS-303	D	1	1.500	7/8	BCDKF			2655239, 2664873
PS-250	D	3	1.500	7/8	BCDKF			2675339, 269042101
PS-188	E	1	1.500	7/8	BCFJF			2663072, 2657110
PS-229	E	3	1.500	7/8	BCFKF			2675338
PS-778	A	3	1.625	1	BCFKF			2692914
PS-380	D	1	1.625	1	BCFJF		PE-200, PE-300, PE-500 Fluidyne	
PS-252	D	3	1.625	1	BCFKF			2664873, 269042102
PS-252-EPR	D	3	1.625	1	QCFKF			2675341 000
PS-754	E	1	1.625	1	BCFJF			2655887
PS-251	E	3	1.625	1	BCFKF			2675340, 2656324
PS-801	C	3	1.750	1-1/8	B/VCFJF			269987501000
PS-529	C	3	1.750	1-1/8	BCFKF			269794701000
PS-983V-TC-TC	C	3	1.750	1-1/8	VZFZF			
PS-604	D	1	1.750	1-1/8	BCFJF			2658071
PS-605	D	1	1.750	1-1/8	BCFKF		TVB-58, Turbine Vane Pump	2655131
PS-254	D	3	1.750	1-1/8	BCFKF			2675344, 2655131
PS-204	E	1	1.750	1-1/8	BCFJF			2663077
PS-253	E	3	1.750	1-1/8	BCFKF		Model 300-90	2675343, 2664886 2675317
PS-306	E	1	1.875	1-3/16	BCDJF			2655886
PS-255	E	3	1.875	1-3/16	BCDKF			2675345, 269042103
PS-1109-CER	C	3	1.875	1-1/4	BCFJF			269986601 000
PS-1109	C	3	1.875	1-1/4	BCFKF			2687165 000
PS-1109-EPR	C	3	1.875	1-1/4	QCFKF			2687626 000, 2687926 000
PS-2122V	C	3	1.875	1-1/4	VCFJF			269986602 000
PS-1109V	C	3	1.875	1-1/4	VCFKF			268716501
PS-361	E	1	1.875	1-1/4	BCFJF		PB-3, 3 x 4 x 10	
PS-256	E	3	1.875	1-1/4	BCFKF			2664893, 2675347
PS-264	E	3	1.875	1-1/4	BCFKF			2675318, 2687266
PS-547	C	3	2.000	1-3/8	BCFKF			269794702
PS-354	E	1	2.000	1-3/8	BCFJF			2655089, 2663075
PS-677	E	1	2.000	1-3/8	BCFKF			2663368, 2675349
PS-257	E	3	2.000	1-3/8	BCFKF			2675350
PS-1110	C	3	2.125	1-1/2	BCFKF		F2-1044AM,1230AM, 1240AM, 3AE14	2687166 000
PS-2221	C	3	2.125	1-1/2	QCFKF			2691073
PS-1110V	C	3	2.125	1-1/2	VCFKF			268716607
PS-2223-SC-SEAT	C	3	2.125	1-1/2	VCLFL			505123B7
PS-382	D	1	2.125	1-1/2	BCFJF			2656981, 2675353
FA-10167	E	—	—	1-1/2	BCF-F	I		2689751 000
PS-305	E	1	2.125	1-1/2	BCFJF			2663008, 2675108
PS-258	E	3	2.125	1-1/2	BCFKF			2675351, 2691073
PS-259	E	3	2.125	1-1/2	BCFKF			2675352
PS-550	C	3	2.500	1-3/4	BCFJF			269359803 000

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PEERLESS (continued)</b>								
PS-436	C	3	2.500	1-3/4	BCFKF		AD IV-V	2693598 000
PS-436-EPR	C	3	2.500	1-3/4	QCFKF			2675319 000
PS-825	D	3	2.500	1-3/4	BCDKF		PE-Pumps	2675356
PS-2109	E	—	—	1-3/4	BCF-F			2689752 000
PS-205	E	1	2.500	1-3/4	BCFJF			2663044
PS-535	E	3	2.500	1-3/4	BCFJF		MTP Frame	
PS-262	E	3	2.500	1-3/4	BCFKF			2675355
PS-262-EPR-P66	E	3	2.500	1-3/4	QCFKF	I		2675354 000
PS-2114	C	3	2.625	1-7/8	BCFJF			269987701 000
PS-312	C	3	2.625	1-7/8	BCFKF			269794703
PS-2072	E	3	2.625	1-7/8	BCFKF		Type AD Fig. 5130	2676205
PS-332	C	3	2.750	2	BCFKF		Type AD Group IV, 8AE-12	2693599 000, 504293
PS-477-EPR	E	3	2.750	2	QCFKF			
PS-353	E	1	3.000	2-1/8	BCFKF		Model 6A-16	
PS-327	E	3	3.000	2-1/8	BCFJF		Model 6A-16	
PS-1676	C	3	3.125	2-1/4	BCFKF			2692217 000
PS-492	C	3	3.250	2-3/8	BCFKF			2693666 000
PS-4325	C	3	3.250	2-3/8	VCFLF	I	Model 6AE18	
PS-483	C	3	3.500	2-3/4	BCFKF			2693601 000
PS-475	E	3	3.875	3	BCDKF			

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



**VGK-1090**

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

Peerless 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.

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PELLERIN MILNOR CORP. - (Laundry Equipment)</b>								
PS-750	D	1	1.375	3/4	BCDJF			24S020
<b>PENBERTHY INJECTOR</b>								
PS-162	A	1	1.000	1/2	BMFJF			D-1104
PS-165	B	9	.906	1/2	BMFJF	A		
PS-1112	Q	9	—	1/2	BMFJF	A		14036

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PENTAIR, INC. (See AURORA, BERKELEY, FAIRBANKS MORSE, HYDROMATIC, HYPRO, MYERS, F.E., STA-RITE)</b>								
PS-359	C	1	1.250	5/8	BCFJF			01556-000-1
PS-633-TC-TC	C	1	1.250	5/8	BZFZF			21181A024
PS-358	C	1	1.375	3/4	BCFJF			100001
PS-4020	G	1	1.375	3/4	BCFJF			145730001
PS-2216V-CMS	C	1	1.625	1	VZFZF			00300-002-1
PS-185	C	1	1.875	1-1/4	BCFJF			22577A000
PS-185-SC-SC	C	1	1.875	1-1/4	BLFLF			049160031
PS-2208	C	1	1.875	1-1/4	BZFZF			21181A019
PS-466	C	1	2.000	1-1/4	BCFJF			21181A031
PS-758-SC-TC-CMS	C	1	2.125	1-1/2	BLFZF			00920-011-1
PS-2209	C	1	2.125	1-1/2	BZFZF			00920-004-1
PS-7409	C	1	2.125	1-1/2	VCFJF	316SS		00920-005-1 / 00920-007-1
PS-758V-SC-SC	C	1	2.125	1-1/2	VLFLF			00920-010-1
PS-6224	C	1	2.750	2	VLFLF			24509585920
PS-1088-TC-TC-CMS	C	1	3.875	3	BZFZF	B		25449A001
PS-1088V-TC-TC-CMS	C	1	3.875	3	VZFZF	B		37180021
PS-1088V	C	3	3.875	3	VCFJF	B		37180051
<b>PENTAIR POOL PRODUCTS</b>								
PS-200	A	1	1.250	5/8	BMFJF			354545S
PS-961	B	1	1.250	5/8	BCFJF			071734S, 071734-SP
PS-4352	C	3	3.875	3	BLFZF	B	60 MPH & 60 MMPH	037180041
<b>PERFECTING (Div. of DUFF-NORTON)</b>								
PS-359	C	1	1.250	5/8	BCFJF			732015
PS-356	C	1	1.750	1-1/8	BCFJF			732049
PS-177	C	1	2.000	1-3/8	BCFJF			732057
<b>PESCO</b>								
PS-507	A	1	1.250	5/8	BMFKF			
<b>PFAUDLER, INC.</b>								
PS-3893	C	3 Special	1.500	7/8	VCFGF			3515444
PS-356	C	1	1.750	1-1/8	BCFJF			1621492
PS-758	C	1	2.125	1-1/2	BCFJF			1621350
PS-3943	C	3 Special	2.125	1-1/2	VCFGF			3512911
PS-3584	C	3 Special	2.000	1-3/8	VCFGF			3512910
<b>PHILLIPS GASKET (See CATERPILLAR)</b>								
<b>PIONEER (See DETROIT HARVESTER HOWELL)</b>								
<b>PIONEER PUMP</b>								
PS-3189	D	3	3.500	2-3/4	VLFZF	316SS		730400173
<b>PIQUA MACHINE (See ENPO-CORNELL PUMP CO.)</b>								
<b>POWER PRODUCTS (See TECUMSEH PRODUCTS CO.)</b>								
<b>PRECISION SCIENTIFIC</b>								
PS-1043	C	1	1.000	1/2	BMFJF			342005
PS-732	C	3	1.250	5/8	BCFKF			342003
PS-1113	C	1	1.375	3/4	BCFKF			342027
PS-499	C	3	1.625	1	BCFKF			342012
<b>PREMIER</b>								
PS-201	A	1	1.375	3/4	BMFJF		Series 120T, MKII 225/255, 300 325/355, 725/756	31-812
PS-1000	B	1	1.250	5/8	BMFJF		Series 220/225 (Pre 1988), 455/456 500, 600	31-813

NOTE: B. TAPERED SPRING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>PRICE PUMP CO.</b>								
PS-1002V	C	1	1.000	1/2	VCFJF		Model S95M	
PS-516	A	1	1.250	5/8	BCFJF			0118
PS-447	B	8	—	5/8	BCFJF	A	Models SE100, E100B, PRYCO-50, 75, 95	0538
PS-3159	B	8	—	5/8	BCFJF	A		0538
PS-447V	B	8	—	5/8	VCFJF	A		0539
PS-4479	B	9	1.109	5/8	QCFJF	A		0383
PS-359	C	1	1.250	5/8	BCFJF			0841
PS-4272V	C	1	1.250	5/8	VCFJF	316SS	Model "S" Motor Pumps	0553
PS-4155	G	1	1.250	5/8	VLFJF			0541
PS-3885	K	1	1.178	5/8	VCFJF			0985
PS-9155	W	2	1.250	5/8	TLFJF	316SS	Model LT-25	
PS-201	A	1	1.375	3/4	BMFJF		Model SP-15	
PS-601	B	1	1.375	3/4	BMFJF		PRYCO-100, 125, 150	
PS-358	C	1	1.375	3/4	BCFJF			1112
PS-3191	C	1	1.375	3/4	VCFJF	316SS		0549
PS-1094	C	1	1.625	1	VCFJF			8304-211
PS-758	C	1	2.125	1-1/2	BCFJF		Models E150, E200	
PS-7409	C	1	2.125	1-1/2	VCFJF	316SS		0122
PS-7587	W	2	2.125	1-1/2	TCFJF	316SS		0123
PS-446-EPR	C	1	2.500	1-3/4	QCFJF			3724
PS-446V-CMS	C	1	2.500	1-3/4	VCFJF			3516
<b>PROCON PRODUCTS</b>								
PS-4060	G	1	1.181	7/16	BCFJF			1034-A7
PS-4061	G	1	1.181	7/16	QCFJF		For Home Water Systems	1034-A4W
PS-4062	G	1	1.181	7/16	QCFJF			1034-A4
PS-4063	G	1	1.181	7/16	VCFJF			1034-A2
<b>PROSSER PUMP (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-1002	C	1	1.000	1/2	BCFJF			558312-2, 558312-21
PS-359	C	1	1.250	5/8	BCFJF		5 HP	2-31001
PS-3915	C	1	1.250	5/8	BCFJF	H		
PS-3916	C	3	1.375	3/4	BCFJF			
PS-3907	C	1	1.500	7/8	BCFJF			2-31006
PS-185	C	1	1.875	1-1/4	BCFJF			2-31020
PS-756	C	1	1.875	1-1/4	BCFKF		25 and 40 HP Model 9-26032-3	
<b>PULSAFEEDER (Div. of IDEX CORP.)</b>								
PS-1065	C	3	.875	3/8	BCFJF			307328
PS-1065V	C	3	.875	3/8	VCFJF			Y0900921-316 with Y1000521-000
FA-10033	C	—	—	1/2	VCF-F			Y0900121-316
PS-933V	C	—	—	5/8	VCF-F			Y0900421-316
PS-552	C	3	1.250	5/8	BCFJF		Model 2-17 Type 107	307414
<b>PUREX / HYDROTECH</b>								
PS-100	A	1	1.187	5/8	BMFJF		L Series™	P28280
PS-952	A	1	1.250	5/8	BCFJF		AV-7 Pump	P23822
PS-501	A	1	1.250	5/8	BMFJF		Aquatron®	071733
PS-3202	B	1	1.250	5/8	QCFJF			
PS-3865R	B	1	1.250	5/8	VCFJF		Whisperflo®	071734
PS-201	A	1	1.375	3/4	BMFJF		AH Series™, L Series™	071728
PS-360	A	1	1.625	1	BCFJF		C Series	071725
<b>QUINCY COMPRESSOR</b>								
PS-6090	E	3	2.500	1-3/4	B/VCFKF			22578-1
PS-2152V	C	3	3.500	2-3/4	VCFKF			22592-1
PS-6177	C	3	4.250	3-3/8	VCFKF			22593-1
<b>RAINBOW IRRIGATION PUMPS</b>								
PS-185	C	1	1.875	1-1/4	BCFJF			14821
PS-446	C	1	2.500	1-3/4	BCFJF			13470
<b>RAPID DAYTON (See TAIT)</b>								

# PUMP MANUFACTURERS' CROSS-REFERENCE


U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>RED JACKET (VEEDER- ROOT CO.)</b>								
PS-106	C	1	1.000	1/2	BCFKF		Deep and Shallow Well Type A & B Multi Stage Pumps Models 25A, 33A, 50A, 75A, 100A	540
PS-518	A	1	1.187	5/8	BCFKF			076-183
PS-100	A	1	1.187	5/8	BMFJF		SW-DW Jet Pump	C76-78A, C76-98A C176-037
PS-701	A	1	1.187	5/8	BMFKF			C76-134
PS-711	A	3	1.187	5/8	BMFJF			076-182
PS-493	C	1	1.187	5/8	BCFKF		For Centri-Jet "R" and Centri-Jet V 25R, 33R, 50R, 75R, 100, 101,150, 151	500
PS-102	D	1	1.250	5/8	BCDKF		Deep Well & Shallow Well Type H, Models 25H, 33H, 50H, 75H, 100H	530
PS-201	A	1	1.375	3/4	BMFJF			76-129, 76-189
PS-902	B	9	—	3/4	BMFKF	A	Centri Jet X Pumps 33X and 50X "CJ", "CJM", and "SJ" Pumps	C76-99A, 555
PS-750	D	1	1.375	3/4	BCDJF		All Types HB Centrifugal Jet Pumps	560
PS-370	A	1	1.625	1	BCFKF			76-132
PS-460	D	1	1.625	1	BCFKF			545
<b>REDA PUMP</b>								
PS-508	D	1	1.250	5/8	BCDJF			17197A
PS-188	E	1	1.500	7/8	BCFJF			13131A
PS-703	D	1	1.500	7/8	BCDJF			14011A
PS-380	D	1	1.625	1	BCFJF			13977A
PS-382	D	1	2.125	1-1/2	BCFJF			15114A
<b>REXNORD INDUSTRIES, LLC.</b>								
PS-201	A	1	1.375	3/4	BMFJF			X7718
PS-578	D	—	—	7/8	BCD-F			X203565
PS-188	E	1	1.500	7/8	BCFJF			X203224
PS-141	R	—	—	1	BCF-F			X6185
PS-154	C	—	—	1-1/4	BCF-F			X7387
PS-185	C	1	1.875	1-1/4	BCFJF			X8023
PS-137	E	1	1.875	1-1/4	BCFKF			X203691
PS-169	K	—	—	1-1/4	BCF-F			X6186
PS-172	C	—	—	1-3/8	BCF-F			X7389
PS-177	C	1	2.000	1-3/8	BCFJF			X2U59-1
PS-209	K	—	—	1-3/8	BCF-F			X6187
PS-223	D	—	—	1-7/8	BCD-F			X7235
PS-593	D	3	2.625	1-7/8	BCDKF			X2U59-6
PS-196	D	—	—	2	BCD-F			X7380
<b>RICE</b>								
PS-200	A	1	1.250	5/8	BMFJF			21-024
PS-201	A	1	1.375	3/4	BMFJF			12-023
PS-750	D	1	1.375	3/4	BCDJF			0330-9-6
<b>ROBBINS &amp; MYERS (See MOYNO, INC.)</b>								
<b>ROMAR FILTER</b>								
PS-200	A	1	1.250	5/8	BMFJF			618-001
<b>ROPER PUMP CO.</b>								
PS-1050	C	—	—	1/2	BCF-F			G3-29, G14-263
PS-400	C	—	—	1/2	BMF-F			G14-222-403, G14-263X
FA-10033	C	—	—	1/2	VCF-F			G14-32
PS-933	C	—	—	5/8	BCF-F			G14-116
PS-933V	C	—	—	5/8	VCF-F			G14-13
PS-633	C	1	1.250	5/8	BCFKF			G14-225
PS-564	C	—	—	3/4	BCF-F			G14-117
PS-768	C	3	1.375	3/4	BCFKF			G14-226
PS-112V	C	3	1.375	3/4	VCFKF			G14-471

NOTE: A. MOUNTS ON SHAFT

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>ROPER PUMP CO. (continued)</b>								
PS-752	D	1	1.375	3/4	BCDKF			G14-261, G14-266
PS-208	C	—	—	7/8	BCF-F			G14-324
PS-617	C	3	1.500	7/8	BCFKF			G14-227
PS-687V	C	3	1.500	7/8	VCFKF			G14-477
PS-703	D	1	1.500	7/8	BCDJF			
PS-935	E	1	1.500	7/8	BCFKF	316SS		
PS-397	C	—	—	1	BCF-F			G14-320
PS-397V	C	—	—	1	VCF-F			G14-51
PS-235	C	1	1.625	1	BCFJF			G14-338X
PS-499	C	3	1.625	1	BCFKF		Model 1AM-27	G14-338
PS-3220	C	3	1.625	1	BCFKF			G4-397
PS-499-EPR	C	3	1.625	1	QCFKF			G14-312
PS-357V	C	3	1.625	1	VCFKF			
PS-7207	C	3	1.750	1	VCFKF		Model P2-C1219	
PS-3619	C	3	1.750	1	VCFKF			G-4-398
PS-937	E	—	—	1	BCF-F			G14-120, G14-250
PS-236	E	1	1.625	1	BCFKF			G14-343
PS-891	K	1	1.625	1	BCFKF			G4-94
PS-2155	C	3	1.750	1-1/16	BCFKF			G4-101, G14-489
PS-127	D	1	1.750	1-1/16	BCDKF			G14-288
PS-348	C	—	—	1-1/8	BCF-F			G14-278, G4-334
PS-529	C	3	1.750	1-1/8	BCFKF			G4-313
PS-355V	C	3	1.750	1-1/8	VCFKF			G4-15, G4-375
PS-154	C	—	—	1-1/4	BCF-F			G14-429
PS-10040	C	—	—	1-1/4	VCF-F			G3-10, G3-36
PS-756	C	1	1.875	1-1/4	BCFKF			
PS-598	C	3	1.875	1-1/4	BCFKF			
PS-416	D	—	—	1-1/4	BCF-F			G14-121, G14-122
PS-172	C	—	—	1-3/8	BCF-F			G14-512
PS-172V	C	—	—	1-3/8	VCF-F			G14-510
PS-467	C	1	2.125	1-3/8	BCFKF			G14-579
PS-186	D	1	2.000	1-3/8	BCDKF			G14-248
PS-2156	C	3	2.250	1-7/16	BCFKF			G4-112
PS-2156V	C	3	2.250	1-7/16	VCFKF			G4-142
FA-1850	C	—	—	1-1/2	BCF-F			G14-430
FA-10043	C	—	—	1-1/2	VCF-F			G3-35
PS-553	C	3	2.125	1-1/2	BCFKF			G4-267, G14-230
PS-7975	C	3	2.125	1-1/2	VCFKF	S		G4-75, G14-475
PS-939	D	—	—	1-1/2	BCF-F			G14-123, G14-124
PS-371	D	1	2.125	1-1/2	BCFKF			
PS-1145	C	3	2.750	2	VCFKF			G4-46
PS-543V	C	3	3.000	2-1/8	VCFKF			G4-41
PS-1676V	C	3	3.125	2-1/4	VCFKF			
PS-942	D	—	—	2-1/4	BCD-F			G14-125
PS-941	D	1	3.125	2-1/4	BCDKF			G14-223
<b>ROTARY COMPRESSION TECHNOLOGIES, INC.</b>								
PS-460V	D	3	1.625	1	VCFKF	S		125.988
PS-4431	D	3	1.875	1-1/4	VLFLLF			125.983.1
PS-436V	C	3	2.500	1-3/4	VCFKF			125.693.2
PS-1676V	C	3	2.125	2-1/4	VCFKF			125.927
<b>ROTH PUMP CO.</b>								
PS-1120	C	1	1.062	1/2	BCFJF		Size 00-100	F8A030VF
PS-118	C	1	1.187	5/8	BCFJF		Size 0 and 10	F8B015VF / 086VL
PS-188	E	1	1.500	7/8	BCFJF			FZD204FC
PS-348V	C	—	—	1-1/8	VCF-F			F8E011UF
PS-7884V	EB	3	2.500	1-7/8	VCFKF			F7J2002FS
FA-10047	C	—	—	2	VCF-F			F8H056UF


# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Head			Seal Size	Material Code		Head Part No.	Mfg. Part No.
<b>ROTO-JET®</b>								
VG-3001	VGXAB			2-1/2	VLZFF		06604721JC	0652046-002
VG-3002	VGXAB			2-1/2	VZFFZ		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.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>RUTH BERRY</b>								
PS-102	D	1	1.250	5/8	BCDKF			610
PS-201	A	1	1.375	3/4	BMFJF			601, 601A
PS-750	D	1	1.375	3/4	BCDJF			620
<b>RUTHMAN COMPANIES</b>								
PS-164	B	9	—	1/2	BMFKF	A	Model 55-4520	906
PS-165	B	9	.906	1/2	BMFJF	A		
PS-452	B	9	—	5/8	BMFJF	A		
PS-633	C	1	1.250	5/8	BCFKF			
PS-902	B	9	—	3/4	BMFKF	A		
PS-360	A	1	1.625	1	BCFJF			
PS-235	C	1	1.625	1	BCFJF			
<b>SCHAUB ENGINEERING CO.</b>								
PS-493	C	1	1.187	5/8	BCFKF			12-3113-001
PS-1123	C	1	1.625	1	BCFKF			12-3113-002
PS-598	C	3	1.875	1-1/4	BCFKF			12-3113-003
<b>SCOT PUMP (Div. of ARDOX CORP.)</b>								
PS-516	A	1	1.250	5/8	BCFJF			101.000.110C 118.000.102, 118.000.110
PS-952	A	1	1.250	5/8	BCFJF			118.000.340
PS-200	A	1	1.250	5/8	BMFJF			101.000.340
PS-501	A	1	1.250	5/8	BMFJF			118.000.340D
PS-200V-CMS	A	1	1.250	5/8	VCFJF			
PS-359V-CMS	C	1	1.250	5/8	VCFJF			101.000.103
PS-3550	C	1	1.250	5/8	VRFRF			101.000.239
PS-732-EPR	C	3	1.250	5/8	QCFKF			101.000.173
PS-633V	C	3	1.250	5/8	VCFKF			101.000.120, 101.000.316
PS-633V-P66	C	3	1.250	5/8	VCFKF	I		101.000.225X
PS-9309	W	3	1.187	5/8	QRFRF			101.000.242
PS-201	A	1	1.375	3/4	BMFJF			101.000.102
PS-201V-CMS	A	1	1.375	3/4	VCFJF			101.000.115
PS-112V	C	3	1.375	3/4	VCFKF			101.003.171
PS-360	A	1	1.625	1	BCFJF			101.000.159
PS-185	C	1	1.875	1-1/4	BCFJF			101.000.104, 101.000.104A
PS-185-P66	C	1	1.875	1-1/4	BCFJF	I		101.000.294
PS-756-EPR	C	1	1.875	1-1/4	QCFKF			101.000.124C, 101.000.203
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			101.000.194
PS-756V-CMS	C	1	1.875	1-1/4	VCFKF			101.000.124
PS-2203	C	3	1.875	1-1/4	QCFKF	I		101.000.124A
PS-185V	C	3	1.875	1-1/4	VCFJF			
PS-756V	C	3	1.875	1-1/4	VCFKF			
PS-3872	E	1	1.875	1-1/4	QCFKF			
PS-883V-CMS	K	1	1.875	1-1/4	VCFJF			101.000.210


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

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>SCOT PUMP (Div. of ARDOX CORP.) (continued)</b>								
PS-228V-CMS	K	1	1.875	1-1/4	VCFKF			101.000.164
PS-758	C	1	2.125	1-1/2	BCFJF			101.000.168, 118.000.343 118.000.344
PS-758V	C	3	2.125	1-1/2	VCFJF			101.000.175
PS-4212	C	3	2.125	1-1/2	VCFJF	I		101.000.191
PS-659V	C	3	2.125	1-1/2	VCFKF			101.000.182
PS-446	C	1	2.500	1-3/4	BCFJF			101.000.196
PS-446-P66	C	1	2.500	1-3/4	BCFJF	I		118.000.388
PS-436V	C	3	2.500	1-3/4	VCFKF			101.000.221
PS-836-CMS	C	1	3.500	2-3/4	BCFJF			137.001.692
<b>SCOTSMAN ICE SYSTEMS - (Ice Machines)</b>								
PS-380	D	1	1.625	1	BCFJF			
PS-6305	Q	2	1.625	1	BMDAF			02-1300-01, 02-1300-01BK
PS-4133	Q	Special	2.500	1-3/4	Special			02-0929-02
 PS-4133								
<b>SCREW COMPRESSOR TECH</b>								
PS-6098	C	3 Special	2.625	1.875	VCFKP	S		4470026
<b>SEEPEX, INC.</b>								
PS-3158	G	25	63MM	45MM	VLF LF			GRDJ33045AS1S1
<b>SERFILCO</b>								
PS-1002	C	1	1.000	1/2	BCFJF			55-434
PS-358	C	1	1.375	3/4	BCFJF			55-407
PS-309	C	1	1.500	7/8	BCFJF			55-488
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			55-481
<b>SETHCO (Div. of MET-PRO CORP)</b>								
PS-1050	C	—	—	1/2	BCF-F			760P04-320
PS-1002V	C	1	1.000	1/2	VCFJF			
PS-359	C	1	1.250	5/8	BCFJF			
PS-801	C	3	1.750	1-1/8	B/VCFJF			760P101-180
PS-356V	C	3	1.750	1-1/8	VCFJF			760P101-181
<b>SHERWOOD BRASS</b>								
PS-631	C	1	1.000	1/2	BCFJF	N		5789
PS-1002	C	1	1.000	1/2	BCFJF			10522
PS-200	A	1	1.250	5/8	BMFJF			10159
PS-447	B	8	—	5/8	BCFJF	A		12859
PS-452	B	9	—	5/8	BMFJF	A		8388
PS-508	D	1	1.250	5/8	BCDJF			10523
PS-578	D	—	—	7/8	BCD-F			8570
PS-703	D	1	1.500	7/8	BCDJF			8578
PS-188	E	1	1.500	7/8	BCFJF			9791
<b>SHIPPENSBURG PUMP CO., INC. (SHIPCO)</b>								
PS-356-EPR	C	1	1.750	1-1/8	QCFJF			SDPS-00155
PS-4037	C	3	1.750	1-1/8	VLF LF			SDPS-00155SV
PS-185-EPR-P66	C	1	1.875	1-1/4	QCFJF	I		SDPS-00132
<b>SID HARVEY INDUSTRIES, INC.</b>								
PS-1050	C	—	—	1/2	BCF-F			
<b>SIEMENS WATER TECHNOLOGIES</b>								
PS-4437	D	2	3.000	2-1/8	BCDKF			WTU18080
<b>SIHI PUMPS AMERICAS</b>								
PS-732	C	3	1.250	5/8	BCFKF			503750
PS-818	C	3	2.375	1-5/8	BCFJF			43092930
PS-544	C	3	2.375	1-5/8	BCFKF			501483
PS-239V	C	3	2.375	1-5/8	VCFKF			502261
PS-312	C	3	2.625	1-7/8	BCFKF			501806
PS-1057	C	3	3.000	2-1/8	B/VCFKF			501980
PS-3606	C	3	3.000	2-1/8	VCF LF			43092920



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>SIMFLO PUMPS, INC.</b>								
PS-618	C	3	1.875	1-1/4	BCFJF			059-0220MA
PS-7702	EB	3	1.875	1-3/8	BCFJF			059-0180MA
PS-4159	EB	3	2.125	1-5/8	VCFJF			059-0200MA
PS-2114	C	3	2.625	1-7/8	BCFJF			059-0270MA
PS-532	C	3	2.750	2	BCFJF			059-0280MA
PS-1678	C	3	3.125	2-1/4	BCFJF			059-0290MA
PS-269	C	3	3.375	2-1/2	BCFJF			059-0300MA
PS-7703	EB	3	3.375	2-5/8	BCFJF			059-0201MA
<b>SIMMONS PUMP CORP.</b>								
PS-200	A	1	1.250	5/8	BMFJF		Model 6	
PS-359	C	1	1.250	5/8	BCFJF			
PS-235	C	1	1.625	1	BCFJF			
<b>SKIDMORE PUMP</b>								
PS-663	Q	1	1.000	1/2	BMFJF			50648
PS-100	A	1	1.187	5/8	BMFJF			142-54049
PS-536	C	3	1.187	5/8	BCFJF			53497
PS-359	C	1	1.250	5/8	BCFJF			50625-1
PS-290	C	1	1.250	5/8	BCFJF	N		142-54099
PS-508	D	1	1.250	5/8	BCDJF			142-54052, P15, P15A
PS-309	C	1	1.500	7/8	BCFJF			142-54055, 50625-2
PS-356	C	1	1.750	1-1/8	BCFJF			142-54058, 50625-3
<b>SMITH &amp; LOVELESS, INC.</b>								
PS-1104	V	25	2.140	1-3/8	BCFJF		Frame 25	
VG-1105	HDV	1	2.640	1-7/8	BCFJF		B-Shaft	H60A119
VG-3315	HV	1	2.640	1-7/8	BCFJF		B-Shaft	H87A28
PS-1105	V	25	2.640	1-7/8	BMFJF		Frame 28	H60A119
VG-3316	HV	1	3.187	2-1/8	BCFJF		C-Shaft	H87A97
PS-1102	V	3	3.140	2-1/8	BCFJF		Frame 32	
								
<b>SOMAT CO. - (Ice Machines)</b>								
PS-3915	C	1	1.250	5/8	BCFJF	H		54300
PS-309	C	1	1.500	7/8	BCFJF			54302
PS-801	C	3	1.750	1-1/8	B/VCFJF			54310
PS-529	C	3	1.750	1-1/8	BCFKF			54311
PS-544	C	3	2.375	1-5/8	BCFKF			54325
PS-332	C	3	2.750	2	BCFKF			54326
PS-6302	Q	1	3.375	2-1/4	BMPAP			54306
<b>SPECIALTY PACKAGING - (Dishwashers / Disposals)</b>								
PS-539	C	1	1.625	1	BCFJF	H		00-104330
PS-6318	Q	9	1.578	1-1/8	VMFAF			00-117071
PS-6317	Q	9	2.000	1-3/8	VMPSP			00-114144
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			00-223422
PS-4041	Q	1	3.375	2-1/4	VMPSP			00-117072
<b>SPECK PUMPS</b>								
VG-200	AV	1	1.250	5/8	BMFJF			2920060603 60603-200
VGM-2920	VGMA	1	35MM	20MM	BCFLF			2920343310

**NOTE:** H. SPRING HOLDER NOT INCLUDED  
N. NON-STANDARD SPRING HOLDER

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>STA-RITE INDUSTRIES (See PENTAIR, Inc. for Additional Part Numbers)</b>								
PS-4225	G	1	23MM	12MM	QCFLF			
PS-1615	B	1	1.000	3/8	BMFJF		Model 297A	U109-173
PS-162	A	1	1.000	1/2	BMFJF			U109-103
PS-142	B	1	1.000	1/2	BMFJF			
PS-163	B	1	1.000	1/2	BMFJF		LT Series	U109-68SS, U109-321SS
PS-4360	B	8	—	1/2	BLFLF			U9-439A/B
PS-663	Q	1	1.000	1/2	BMFJF			U109-100
PS-957	A	1	1.187	5/8	BCFJF			U9-106SS
PS-100	A	1	1.187	5/8	BMFJF		AJ Series, Dura-Glas Pre 1998, Dyna-Glas and Dyna-Max, Max-E-Glas pre 1998, PLBC Series Pre 1995, PLBC Series	U9-469, U109-6, U109-6A U109-93SS, 17351-0102S
PS-200	A	1	1.250	5/8	BMFJF		Dura-Glas®, Max-E-Glas® Series PE, PEA, P2R and P2RA	17304-0100, 17304-0100S 17038
PS-501	A	1	1.250	5/8	BMFJF			118-000-340
PS-1000	B	1	1.250	5/8	BMFJF		CF / CFA Series, HP Series,	U109-136SS
PS-3102	B	11	—	5/8	BCFJF	A		S20900
PS-118	C	1	1.187	5/8	BCFJF			U9-102, U109-87, U109-118
PS-493	C	1	1.187	5/8	BCFKF			U9-1
PS-1618	C	1	1.250	5/8	BCFJF	B		
PS-4267	G	1	1.187	5/8	BCFJF			U9-6
PS-4404	G	1	1.187	5/8	BCFJF	316SS		M13800
PS-1900	G	1	1.187	5/8	VLFLF	316SS		U9-437
PS-4390	G	1	1.250	5/8	VLFLF	316SS		17304-0102
PS-851	A	1	1.375	3/4	BCFJF			37400-0027S
PS-201	A	1	1.375	3/4	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	A	1	1.375	3/4	QCFJF			U109-122, 17351-0101A
PS-201V-CMS	A	1	1.375	3/4	VCFJF			
PS-1622	B	9	—	3/4	BMFJF	A		
PS-4048	B	9	1.312	3/4	BLFLF			U9-394SS
PS-358	C	1	1.375	3/4	BCFJF			U109-99
PS-877	C	1	1.375	3/4	BCFJF			U109-267
PS-128	C	1	1.375	3/4	BCFJF	B		U9-99
PS-750	D	1	1.375	3/4	BCDJF			U9-43
PS-4265	G	1	1.375	3/4	BCFJF			37400-27S
PS-3868	G	1	1.375	3/4	VCFJF		Dura-Glass II and Max-E Glas II (Series P4E, P4EA, P4R, P4RA) Max-E-Pro (Series P6E & P6RA)	
PS-687	C	1	1.500	7/8	BCFKF			U9-18, 20, 22, 25, 29, 32 U109-21, U109-30
PS-774	C	3	1.500	7/8	BCFJF			U109-170
PS-235	C	1	1.625	1	BCFJF			16504
PS-380	D	1	1.625	1	BCFJF		Model-AS-H-3	
PS-127	D	1	1.750	1-1/16	BCDKF			U109-31
PS-204	E	1	1.750	1-1/8	BCFJF			U109-96
PS-866	E	3	1.750	1-1/8	BCFJF			U109-96SS
PS-867-EPR	E	3	1.750	1-1/8	QCFKF			U9-307
PS-185	C	1	1.875	1-1/4	BCFJF		CC/C Series, D Series CC/C Series, D Series pre 8/00 CSPH / CCSPH Series	U109-200, U109-433SS S32014
PS-246	C	1	1.875	1-1/4	BCFJF	B/H	CC/C Series, D Series	U109-220
PS-804	D	3	1.875	1-1/4	BCFJF		CC/C Series, D Series	
PS-3883	G	1	1.875	1-1/4	BCFJF			U9-433SS
PS-6265	G	1	1.875	1-1/4	VLFLF			U9-451SS
PS-758	C	1	2.125	1-1/2	BCFJF			16554
PS-446	C	1	2.500	1-3/4	BCFJF		CCPH / CCSPH Series	S32015
PS-2142	C	1	2.500	1-3/4	BCFJF			S32692
PS-535	E	3	2.500	1-3/4	BCFJF			U109-251
PS-340	C	1	2.625	1-7/8	BCFJF			S32694
PS-3211	C	1	2.625	1-7/8	BCFJF			S32693
PS-327	E	3	3.000	2-1/8	BCFJF			U109-252

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>STEIN SAM ASSOC.</b>								
PS-397	C	—	—	1	BCF-F			401-50-0001
FA-1850	C	—	—	1-1/2	BCF-F			401-50-0006
<b>STERLING FLUID SYSTEMS</b>								
PS-4470	A	1	1.250	5/8	BMFJF			96667758 1181377000
PS-529	C	3	1.750	1-1/8	BCFKF			2697947010000
PS-1109V	C	3	1.875	1-1/4	VCFKF			97630629
PS-354V	E	3	2.000	1-3/8	VCFJF		Lock Collar Supplied Separately	96885762
PS-865V-SC-SC	E	3	2.000	1-3/8	VLFLF		Lock Collar Supplied Separately	96853723
PS-816	C	3	2.125	1-1/2	BCFJF			504290
PS-1110	C	3	2.125	1-1/2	BCFKF			97937996
PS-258	E	3	2.125	1-1/2	BCFKF			269825601000 96706697
PS-436V	C	3	2.500	1-3/4	VCFKF			96677366
PS-2109	E	—	—	1-3/4	BCF-F			96677802
PS-205V	E	3	2.500	1-3/4	VCFJF		Lock Collar Supplied Separately	96849274
PS-7488	E	3	2.500	1-3/4	VLFLF		Lock Collar Supplied Separately	96853602
PS-3929	E	3	2.625	1-7/8	VCFJF	316SS/C		96662531
PS-532	C	3	2.750	2	BCFJF			269359903000 96690109
PS-1057	C	3	3.000	2-1/8	B/VCFKF			501908
PS-279V	E	3	3.375	2-1/2	VCFJF		Lock Collar Supplied Separately	96854658
PS-483	C	3	3.500	2-3/4	BCFKF			502365
<b>STERLING, INC.</b>								
PS-3723	C	3	1.437	5/8	QCFJF	I		081.00036.00 081.00036.01
PS-3981	C	3	1.437	5/8	QCFKF	I		081.00037.00
PS-7872	C	3	1.437	5/8	VCFKF	I		081.00039.00
PS-3826	C	1	1.437	7/8	QCFJF	I		081.00034.00
PS-2224	C	3	1.437	7/8	QCFKF	I		081.00024.00 081.00024.02
PS-3678	C	3	1.437	7/8	QCFLF	I		081.00035.00
PS-4017	C	3	1.437	7/8	VCFKF	I		081.00027.00
PS-758	C	1	2.125	1-1/2	BCFJF			081.00017.00
<b>STERLING MACHINERY</b>								
PS-201	A	1	1.375	3/4	BMFJF			
PS-564	C	—	—	3/4	BCF-F			
PS-358	C	1	1.375	3/4	BCFJF			1616
PS-145	K	—	—	3/4	BCF-F			
PS-175	K	1	1.375 / 1.500	3/4	BCFJF			
PS-303	D	1	1.500	7/8	BCDKF			J81-E
PS-1681	D	3	1.437	7/8	BCDKF			
PS-185	C	1	1.875	1-1/4	BCFJF			1636
PS-177	C	1	2.000	1-3/8	BCFJF			1706
PS-178	R	1	2.000	1-3/8	BCDJF			
PS-209	K	—	—	1-3/8	BCF-F			
PS-629	E	3	2.312	1-1/2	BCFKF			133861
PS-216	K	—	—	1-1/2	BCF-F			
PS-213	R	—	—	1-3/4	BCD-F			
PS-217	R	1	2.500	1-3/4	BCDKF			
PS-853	C	3	3.375	2-1/2	BCFKF			13498, 20125-H
<b>STERO CORP. - (Dishwashers)</b>								
PS-3159	B	8	—	5/8	BCFJF	A		P571030
PS-3440	C	1	1.750	1	BCFJF			P571697
<b>STEVENS PUMP CO.</b>								
PS-200	A	1	1.250	5/8	BMFJF			16-062-03
<b>STONE BENNETT</b>								
PS-499	C	3	1.625	1	BCFKF			30016

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

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>STONE CONSTRUCTION</b>								
PS-851	A	1	1.375	3/4	BCFJF			32223, 322231H
PS-360	A	1	1.625	1	BCFJF			32224, 322241H
PS-185	C	1	1.875	1-1/4	BCFJF			37692
PS-758	C	1	2.125	1-1/2	BCFJF			37691, 376911H
PS-446	C	1	2.500	1-3/4	BCFJF			377281H
<b>SULLAIR CORP.</b>								
PS-6097	C	3 Special	2.625	1-7/8	NCFZF	316SS		250034-518
PS-6098	C	3 Special	2.625	1-7/8	VCFKP	S		240048
PS-6120	K	3 Special	3.000	2-1/8	VCFZF			250038-066
PS-6121	K	3 Special	3.000	2-1/8	VCFZ/KF	I		250038.068
PS-6138	C	3 Special	3.375	2-1/2	VCFKF			250038-093
PS-6997	K	3	3.375	2-1/2	NCFKF	S		250038-078
PS-6141	K	3 Special	3.375	2-1/2	VCFKF			250038-080
PS-6140	K	3 Special	3.375	2-1/2	VCFZF			250038-079
PS-8108	X1T	3 Special	3.375	2-1/2	VCFKF	316SS		250041-326
PS-6173	C	3 Special	3.875	3	VCFKF			250035-751
PS-6172	C	3 Special	3.875	3	VCFKF	H		250035-750
PS-6169	K	3 Special	3.875	3	NCFKF			250035-734
PS-6171	K	3 Special	3.875	3	VCFKF			250035-736
PS-6170	K	3 Special	3.875	3	VCFZF	S		250035-735
PS-3961	K	—	—	3-3/8	VCF-F			250014-770
<b>SULLIVAN-PALATEK, INC.</b>								
PS-1053	C	3	1.875	1-1/4	B/VCFKF			519056-08
PS-6180	C	3	2.000	1-3/8	VCFGF			519056-25
PS-210V	C	3	2.000	1-3/8	VCFKF			
PS-534	D	3	2.125	1-1/2	BCFKF		RP-250, RP-365	A-222599
PS-1055	C	—	—	1-3/4	BCF-F		RPV-125	
PS-3789	C	3	2.500	1-3/4	VCFGF			519058-0006
PS-1056V	C	3	2.500	1-3/4	VCFKF			519056-6
PS-4276	C	3	3.000	2-1/8	VCFKF			519056-13
PS-853	C	3	3.375	2-1/2	BCFKF		Model 600	
PS-6174	E	3	3.875	3	VCDGP			519056-15
<b>SUPERIOR EQUIPMENT SOLUTIONS - (Dishwashers)</b>								
PS-3100	Q	—	—	1	NMDKF	Unitized		75-7050-020
<b>SWABY MFG. CO.</b>								
PS-359	C	1	1.250	5/8	BCFJF			
PS-758	C	1	2.125	1-1/2	BCFJF			
PS-446	C	1	2.500	1-3/4	BCFJF			
PS-2120	C	1	3.375	2-1/2	BCFJF			
<b>SWIMQUIP</b>								
PS-201	A	1	1.375	3/4	BMFJF		XL VI/XL VII Series	37407-0009
<b>SYNCROFLO, INC.</b>								
PS-921	A	1	1.375	3/4	BMFKF			13-690-0600
PS-360	A	1	1.625	1	BCFJF			13-650-0610
PS-370	A	1	1.625	1	BCFKF			13-690-0610
PS-235	C	1	1.625	1	BCFJF			13-690-0710
PS-185	C	1	1.875	1-1/4	BCFJF			13-950-0880
PS-756	C	1	1.875	1-1/4	BCFKF			13-690-2112
PS-1109	C	3	1.875	1-1/4	BCFKF			13-690-0611
PS-361	E	1	1.875	1-1/4	BCFJF			13-650-1010
PS-137	E	1	1.875	1-1/4	BCFKF			13-690-0650
PS-3954	EB	1	1.875	1-3/8	BCFKF			13-690-2713
PS-3991	EB	3	1.875	1-3/8	BCFKF			13-690-0612
PS-238	C	1	2.375	1-5/8	BCFJF			13-950-0886
PS-1019	C	3	2.625	1-5/8	BCFKF			13-690-2515
PS-205	E	1	2.500	1-3/4	BCFJF			13-650-3011

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>TACO, INC.</b>								
PS-8100	X Special	1	.875	1/4	QCFLF			185-026
PS-163	B	1	1.000	1/2	BMFJF			106-031
PS-3561	C	1	.938	1/2	BCFJF			180-097, 180-108
PS-3563	C	1	.938	1/2	QCFLF			180-240
PS-1002	C	1	1.000	1/2	BCFJF		Series 1616	121-008
PS-106	C	1	1.000	1/2	BCFKF			131-031
PS-3583	C	1	1.000	1/2	BCFKF			121-136
PS-3004	G	1	1.000	1/2	QCFLF			185-135
PS-3568	G	1	1.000	1/2	QLFLF			185-151
PS-200	A	1	1.250	5/8	BMFJF			172-009, 172-017
PS-200V	A	3	1.250	5/8	VCFJF			172-006
PS-1000V	B	3	1.250	5/8	VCFJF			1600-305
PS-359	C	1	1.250	5/8	BCFJF			121-009, 122-009
PS-633	C	1	1.250	5/8	BCFKF		Series 131-9, 132-9 133-9, 138-9, 1600-9	170-102RP, 1600-170RP
PS-3525	C	3	1.250	5/8	QCFKF	I		1600-170
PS-3586	G	1	1.250	5/8	QCFLF			1600-846C
PS-3840	C	1	1.275	3/4	BCFJF			180-162
PS-358	C	1	1.375	3/4	BCFJF			180-206
PS-752	D	1	1.375	3/4	BCDKF			142-043
PS-360	A	1	1.625	1	BCFJF			170-021, 170-095
PS-754	E	1	1.625	1	BCFJF			900-012
PS-356	C	1	1.750	1-1/8	BCFJF			950-670RP, 951-3161BRP
PS-355	C	1	1.750	1-1/8	BCFKF			950-664RP
PS-529-EPR	C	3	1.750	1-1/8	QCFKF			950-664BRP
PS-355V	C	3	1.750	1-1/8	VCFKF			950-667RP
PS-204	E	1	1.750	1-1/8	BCFJF			900-024
PS-384	E	1	1.750	1-1/8	BCFKF			840-128
PS-867	E	3	1.750	1-1/8	BCFKF			840-128BRP
PS-264	E	3	1.875	1-1/4	BCFKF			840-011
PS-758	C	1	2.125	1-1/2	BCFJF			950-671RP
PS-758-EPR	C	3	2.125	1-1/2	QCFLF			951-3162BRP
PS-659V	C	3	2.125	1-1/2	VCFKF			950-668RP
PS-305	E	1	2.125	1-1/2	BCFJF			862-029
PS-374	E	1	2.125	1-1/2	BCFKF			862-172
PS-544	C	3	2.375	1-5/8	BCFKF			950-673RP
PS-4068	C	3	2.375	1-5/8	QCZF	I		950-676RP
PS-340-EPR-CMS	C	1	2.625	1-7/8	QCFLF			951-2968RP
PS-267	C	1	2.750	2	BCFJF			950-672RP
PS-842	C	1	2.750	2	BCFKF			950-666RP
PS-1145	C	3	2.750	2	VCFKF			950-669RP
PS-479	E	1	2.750	2	BCFJF		Model 6012	
PS-1676	C	3	3.125	2-1/4	BCFKF			950-674RP
PS-1676-EPR-P66	C	3	3.125	2-1/4	QCFKF	I		
PS-1676V-TC-SEAT	C	3	3.125	2-1/4	VCFZF			950-677RP
PS-483	C	3	3.500	2-3/4	BCFKF			950-675RP

Value Guard Part No.	Seal Size	Material Code	Mfg. Part No.
<b>TACO, INC. - Replacement Seal Kits</b>			
VGK-1094*	1/2	BCFKF	1600-055BRP
VGK-1096*	5/8	BCFKF	1600-170BRP
VGK-1095*	5/8	BCFJF	1600-170ERP
VGK-1097*	5/8	BCFJF	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

\* These kits do not include sleeve.

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Size	Material Code	Mfg. Part No.
<b>TACO, INC. - Replacement Seal Kits (continued)</b>			
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 gaskets, 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

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>TAIT</b>								
PS-162	A	1	1.000	1/2	BMFJF			W-6476
PS-201	A	1	1.375	3/4	BMFJF			25062
PS-921	A	1	1.375	3/4	BMFKF			24820
PS-1125	C	1	1.375	3/4	BCFJF			16519
PS-703	D	1	1.500	7/8	BCDJF			24584
PS-360	A	1	1.625	1	BCFJF			
PS-380	D	1	1.625	1	BCFJF			24963
PS-598	C	3	1.875	1-1/4	BCFKF			W-16524
PS-805	C	3	2.000	1-3/8	BCFJF			16538
PS-267	C	1	2.750	2	BCFJF			
<b>TECUMSEH PRODUCTS CO.</b>								
PS-350	E	3	3.250	2-3/8	BCFKF			K-509-9
<b>TEEL PUMP</b>								
PS-392	C	1	.938	1/2	B/QMFJF			5NC03
PS-631	C	1	1.000	1/2	BCFJF	N		5P380, 5P418
PS-1002	C	1	1.000	1/2	BCFJF		1P609, 1P610	1R305
PS-3542	C	3	1.031	9/16	VCFKF			5P419
PS-100	A	1	1.187	5/8	BMFJF		2P141, 2P894-2P899, 3P683-684-685 3P-686-687-690-692-715-716	1R311, 5P403, 5P404
PS-516	A	1	1.250	5/8	BCFJF		1P746-851-860-896-897-952-955-996 1P998, 2P004-006-390, 2P091, 2P092, 3P551-3P553, 3P577	1R303, 5P407
PS-200	A	1	1.250	5/8	BMFJF			1R312, 5P405, 5P406
PS-501	A	1	1.250	5/8	BMFJF			1R315, 5P409, 5P410

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>TEEL PUMP (continued)</b>								
PS-200V	A	3	1.250	5/8	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	B	1	1.093	5/8	BMFJF		1P795	1R302, 5P366
PS-600	B	1	1.187	5/8	BMFJF			5P367
PS-1000	B	1	1.250	5/8	BMFJF		2P356, 2P360, 2P363, 2P366	1R317, 1R318 5P368, 5P369
PS-1152	B	1	1.250	5/8	BMFKF			1R318
PS-447	B	8	—	5/8	BCFJF	A	1P787-793-796-798-831-837, 2P498-503-852, 3P736	1R306, 1P831, 5P402
PS-447V	B	8	—	5/8	VCFJF	A	Optional for 1P787-793-796-798-831 -1P837, 2P498-503	1R324, 5P365
PS-800	C	1	1.156	5/8	BMFJF	H	1P-849-850-879, 3P547-550- 571-599-648, 1P979-984, 2P019-280, PC-18-2PC56	1R307, 5P387, 5P421
PS-359	C	1	1.250	5/8	BCFJF		1P898, 3P569A, 3P570A	1P557, 5P386, 1R310
PS-2160	C	1	1.250	5/8	BCFJF		3P511, 3P512, 3P579, 1P861	5P420, 1R298
PS-359V	C	3	1.250	5/8	VCFJF		1P555, 1P804, 3P569, 3P570	5NC07, 5P385
PS-508	D	1	1.250	5/8	BCDJF			1R316, 5P382, 5P384
PS-851	A	1	1.375	3/4	BCFJF		1P855-868-869-895, 1P913, 1P950, 2P007-008, 2P333, 3P525 3P526, 3P600	5P414, 1R299
PS-201	A	1	1.375	3/4	BMFJF			5P411, 5P412, 1R313
PS-101	A	1	1.437	3/4	BMFJF			5P416, 1R319
PS-201V	A	3	1.375	3/4	VCFJF		1P946; Optional for 1P855-868-869 1P895-913-950-979-984, 2P007-008, 3P525-526-600	5P413, 1R245
PS-877	C	1	1.375	3/4	BCFJF		Optional for 1P700-702-799-803-947 1P949, 2P391, 2P392, 2P393, 2P394	5P389, 1R308
PS-877V	C	1	1.375	3/4	VCFJF		1P700-702-799-803-947-949, 2P391 2P392, 2P393, 2P394	5P388, 1R309
PS-750	D	1	1.375	3/4	BCDJF			5P383
PS-188V	E	3	1.500	7/8	VCFJF			5NC27
PS-360	A	1	1.625	1	BCFJF			5NC01, 5P417
PS-235	C	1	1.625	1	BCFJF			5P390
PS-380	D	1	1.625	1	BCFJF			5P423
PS-754	E	1	1.625	1	BCFJF			5P370
PS-356	C	1	1.750	1-1/8	BCFJF		5NC11, 2P015, 2P141, 3P582-601-604-609, 3P653-656-663, 3P664, 3P703-704-705-706, 3P707, 3P737, 3P608, 5P391	
PS-355	C	1	1.750	1-1/8	BCFKF			5P392
PS-529	C	3	1.750	1-1/8	BCFKF			5P393
PS-604	D	1	1.750	1-1/8	BCFJF			1R301
PS-204	E	1	1.750	1-1/8	BCFJF			5P373
PS-253	E	3	1.750	1-1/8	BCFKF			5P372
PS-204V	E	3	1.750	1-1/8	VCFJF			5NC29
PS-185	C	1	1.875	1-1/4	BCFJF		2P142, 3P660, 3P661, 3P662	5P394, 1R439
PS-246	C	1	1.875	1-1/4	BCFJF	B/H		5P395
PS-756	C	1	1.875	1-1/4	BCFKF			5P396
PS-361	E	1	1.875	1-1/4	BCFJF			5P374
PS-177	C	1	2.000	1-3/8	BCFJF			5P397
PS-705	E	3	2.062	1-7/16	BCFJF			5P375
PS-758	C	1	2.125	1-1/2	BCFJF			5P398
PS-609	E	1	2.312	1-5/8	BCDJF			5P377
PS-484	E	1	2.312	1-5/8	BCDKF			5P376
PS-448	C	1	2.500	1-3/4	BCFKF			5P399
PS-205	E	1	2.500	1-3/4	BCFJF			5P378
PS-1659	E	3	2.625	1-7/8	VCFJF			5NC35
PS-479V	E	3	2.750	2	VCFJF			5NC36
PS-322	K	3	3.500	2-3/4	BCFKF			5P401

**NOTE:** A. MOUNTS ON SHAFT  
B. TAPERED SPRING  
H. SPRING HOLDER NOT INCLUDED

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>TERRA PRODUCTS</b>								
PS-601V	B	3	1.375	3/4	VCFJF			127135
PS-245V	C	3	1.625	1	VCFJF	B/H		17035
<b>THELCO CORP.</b>								
PS-348	C	—	—	1-1/8	BCF-F			SU1774
PS-348V	C	—	—	1-1/8	VCF-F			SU1778
T9-1125	WT	—	—	1-1/8	TCF-F	316SS		SU1766
PS-172	C	—	—	1-3/8	BCF-F			SU1775
PS-172V	C	—	—	1-3/8	VCF-F			SU1789
PS-2108	C	—	—	1-3/4	BCF-F			SU1776
FA-10045	C	—	—	1-3/4	VCF-F			SU1780
<b>THERMO KING</b>								
PS-159	D	3	1.625	1	NCPGP			220203, 220378
PS-1128	D	3	1.875	1-1/4	NCPKF			1210A02G01
<b>THERMOTRON INDUSTRIES</b>								
PS-3833	C	2	1.750	1-1/8	BCFKF			555824
PS-239	C	1	2.375	1-5/8	BCFKF			1246366
<b>THOMSEN® GROUP, LLC.</b>								
PS-9700	C	1	1.625	.970	VCFJF			9122-VL
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			9123-VL
<b>THRUSH PUMPS</b>								
PS-163	B	1	1.000	1/2	BMFJF			
PS-106	C	1	1.000	1/2	BCFKF		GT, GTB, GTN Series Circulators 1/3	
PS-600	B	1	1.187	5/8	BMFJF			AA-190, AA-199
PS-290	C	1	1.250	5/8	BCFJF	N	1-1/2TV3/4, 2TV3/4, J #s 1, 2, 3, 4	
PS-633V-CMS	C	1	1.250	5/8	VCFKF			TX-022/024
PS-208	C	—	—	7/8	BCF-F			9765-0260
PS-687	C	1	1.500	7/8	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	C	3	1.500	7/8	VCFKF			TX-026/028
PS-348	C	—	—	1-1/8	BCF-F			9765-0300
PS-355	C	1	1.750	1-1/8	BCFKF		2TV3, 2-1/2TV3, 2-1/2TV5, 3TV3, 3TV5 5ATV3, 5ATV5, 5TV3, 5TV5, Series R #s 1, 2, 3, 4	
PS-154	C	—	—	1-1/4	BCF-F			9765-0520
PS-598-EPR	C	3	1.875	1-1/4	QCFKF			7307-000-1
PS-756V	C	3	1.875	1-1/4	VCFKF			TX052/054
PS-172	C	—	—	1-3/8	BCF-F			9765-0340
PS-210	C	1	2.000	1-3/8	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	C	3	2.000	1-3/8	VCFKF			TX-035/036
PS-2107	C	—	—	1-5/8	BCF-F			9765-0560
PS-239V	C	3	2.375	1-5/8	VCFKF			TX-056/058
<b>TOLEDO</b>								
PS-501	A	1	1.250	5/8	BMFJF			A14067
<b>TONKAFLOW (See GE OSMONICS)</b>								
<b>TORO CO.</b>								
PS-200V-CMS	A	1	1.250	5/8	VCFJF			42088
<b>TRANE, INC.</b>								
PS-192	C	3	2.125	1-1/2	NCFGF			X10063400000



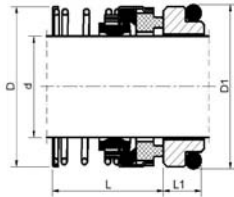
# PUMP MANUFACTURERS' CROSS-REFERENCE

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

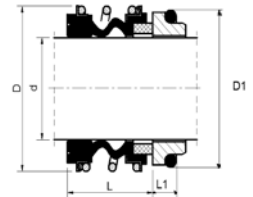
- To DIN 24960
- Bi-Directional
- Elastomer Bellows
- Unbalanced



**Type VGMH**  
Shown with LS3.



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



Value Guard Part No.	Description	Materials of Construction	Mfg. Part No.
<b>TRI-CLOVER® - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>			
<b>3EH - Seal Size - 1-1/2</b>			
VGFS-5000	Cup	Stainless Steel	216D-80-3P
VGFS-5001	Rotary Face	Carbon	3EH-141D-26
VGFS-5002	Spring	Stainless Steel	3EH-141D-27
VGFS-5003	Seal O-Ring	EPR	S328-80-2-E
VGFS-5004	Outer Seat Gasket	Non Asbestos	
VGFS-5005	Inner Seat O-Ring	EPR	
VGFS-5006	Inner Seat	Ceramic	
VGFS-5007	Outer Seat	Ceramic	
<b>4EH - Seal Size - 1-3/4</b>			
VGFS-5010	Rotary O-Ring	EPR	10CPLO-1-73-2-U
VGFS-5011	Cup	Stainless Steel	4EH-143-23P-S
VGFS-5012	Rotary Face	Carbon	4EH-143A-26
VGFS-5013	Single Seal Spring	Stainless Steel	4EH-143A-27A
VGFS-5014	Seal Collar	Stainless Steel	4EH-148A-23-S
VGFS-5015	Double Seal Spring	Stainless Steel	4EH-148A-27A
VGFS-5016	Outer Seat Gasket	Non Asbestos	
VGFS-5017	Inner Seat O-Ring	EPR	
VGFS-5018	Inner Seat	Ceramic	
VGFS-5019	Outer Seat	Ceramic	

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Description	Materials of Construction	Mfg. Part No.
<b>TRI-CLOVER® - Replacement Seals for Food, Dairy &amp; Beverage Processing (continued)</b>			
<b>C114 / SP114 - Components</b>			
VGFS-5020	Back Plate	Stainless Steel	114D-11-316
VGFS-5021	Cup	Stainless Steel	114D-80-3P
VGFS-5022	Spring	Stainless Steel	114D-80-4
VGFS-5023	Rotary Face	Carbon	114E-80-1A
VGFS-5024	Rotary O-Ring	EPR	60C-3-34A-E
VGFS-5025	Rotary O-Ring	Viton®	60C-3-34A-SFY
VGFS-5026	Rotary O-Ring	Buna	60C-3-34A-U
VGFS-5027	Casing Gasket	Buna	S114-90A-U
VGFS-5028	Set Screw	Stainless Steel	SC905A-SS
VGFS-5029	Drive Collar	Stainless Steel	SP114D-23P-316L

Value Guard Part No.	Kit Type	Seal Size	Material Code	Mfg. Part No.
<b>TRI-CLOVER® - Replacement Seals for Food, Dairy &amp; Beverage Processing (continued)</b>				
<b>C114 / SP114 - Pump Service Kits</b>				
VGFS-5030	Kit-1	3/4	BCF-F	C114-1
VGFS-5031	Kit-1	3/4	QCF-F	C114-CE
VGFS-5032	Kit-1	3/4	VCF-F	C114-1V
VGFS-5033	Kit-2	3/4	BCF-F	C114-3
VGFS-5034	Kit-2	3/4	QCF-F	C114-3E
VGFS-5035	Kit-2	3/4	VCF-F	C114-3V
VGFS-5036	Kit-3	3/4	BCF-F	9613990013
VGFS-5037	Kit-3	3/4	QCF-F	9613990014
VGFS-5038	Kit-3	3/4	VCF-F	9613990015

Pump Service Kit-1 includes rotary face, rotary o-ring, casing gasket and impeller pin.

Pump Service Kit-2 includes rotary face, rotary o-ring, spring and cup.

Pump Service Kit-3 includes rotary face, rotary o-ring, spring, cup, casing gasket and set screws.



**VGFS-5030  
Kit-1**




**VGFS-5036  
Kit-3**

Value Guard Part No.	Description	Materials of Construction	Mfg. Part No.
<b>TRI-CLOVER® - Replacement Seals for Food, Dairy &amp; Beverage Processing (continued)</b>			
<b>C216 / SP216 - Components</b>			
VGFS-5040	Rotary O-Ring	EPR	01-1165-19-E
VGFS-5041	Rotary O-Ring	Viton®	01-1165-19-SFY
VGFS-5042	Rotary O-Ring	Buna	01-1165-19-U
VGFS-5043	Back Plate	Stainless Steel	216D-11-316
VGFS-5044	Cup	Stainless Steel	216D-80-3P
VGFS-5045	Spring	Stainless Steel	216D-80-4
VGFS-5046	Rotary Face	Carbon	216D-80-1A
VGFS-5047	Casing Gasket	Buna	S216-90A-U
VGFS-5048	Set Screw	Stainless Steel	SC1105A-SS
VGFS-5049	Drive Collar	Stainless Steel	SP216D-23P-S



**VGFS-5043  
Back Plate**

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.		Kit Type	Seal Size	Material Code		Mfg. Part No.
<b>TRI-CLOVER® - Replacement Seals for Food, Dairy &amp; Beverage Processing (continued)</b>						
<b>C216 / SP216 - Pump Service Kits</b>						
VGFS-5050		Kit-1	1-1/8	BCF-F	 <p><b>VGFS-5053 Kit-2</b></p>	C216-1
VGFS-5051		Kit-1	1-1/8	QCF-F		C216-1E
VGFS-5052		Kit-1	1-1/8	VCF-F		C216-1V
VGFS-5053		Kit-2	1-1/8	BCF-F		C216-3
VGFS-5054		Kit-2	1-1/8	QCF-F		C216-3E
VGFS-5055		Kit-2	1-1/8	VCF-F		C216-3V
VGFS-5056		Kit-3	1-1/8	BCF-F		9613990016
VGFS-5057		Kit-3	1-1/8	QCF-F		9613990017
VGFS-5058		Kit-3	1-1/8	VCF-F		9613990018
<p>Pump Service Kit-1 includes rotary face, rotary o-ring, casing gasket and impeller pin.                      Pump Service Kit-2 includes rotary face, rotary o-ring, spring and cup.                      Pump Service Kit-3 includes rotary face, rotary o-ring, spring, cup, casing gasket and set screws.</p>						

Value Guard Part No.	Description	Materials of Construction		Mfg. Part No.
<b>TRI-CLOVER® - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>C218 / C328 SP218 / SP328 - Components</b>				
V VGFS-5060	Back Plate	Stainless Steel		328D-11-316
VGFS-5061	Cup	Stainless Steel		328D-80-3P
VGFS-5062	Spring	Stainless Steel		328D-80-4
VGFS-5063	Rotary Face	Carbon		328E-80-1A
VGFS-5064	Rotary O-Ring	EPR		S328-80-2-E
VGFS-5065	Rotary O-Ring	Viton®		S328-80-2-SFY
VGFS-5066	Rotary O-Ring	Buna		S328-80-2-U
VGFS-5067	Casing Gasket	Buna		S328-90A-U
VGFS-5068	Set Screw	Stainless Steel		SC1105A-SS
VGFS-5069	Drive Collar	Stainless Steel		SP328D-23P-S

Value Guard Part No.		Kit Type	Seal Size	Material Code		Mfg. Part No.
<b>TRI-CLOVER® - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>						
<b>C218 / C328 SP218 / SP328 - Pump Service Kits</b>						
VGFS-5070		Kit-1	1-1/2	BCF-F		C328-1
VGFS-5071		Kit-1	1-1/2	QCF-F		C328-1E
VGFS-5072		Kit-1	1-1/2	VCF-F		C328-1V
VGFS-5073		Kit-2	1-1/2	BCF-F		C328-3
VGFS-5074		Kit-2	1-1/2	QCF-F		C328-3E
VGFS-5075		Kit-2	1-1/2	VCF-F		C328-3V
VGFS-5076		Kit-3	1-1/2	BCF-F		9613990019
VGFS-5077		Kit-3	1-1/2	QCF-F		9613990020
VGFS-5078		Kit-3	1-1/2	VCF-F		9613990021
<p>Pump Service Kit-1 includes rotary face, rotary o-ring, casing gasket and impeller pin.                      Pump Service Kit-2 includes rotary face, rotary o-ring, spring and cup.                      Pump Service Kit-3 includes rotary face, rotary o-ring, spring, cup, casing gasket and set screws.</p>						

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

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Head		Seal Size MM	Material Code		Mfg. Part No.
<b>TSURUMI PUMP</b>						
VGMW-14HL	VGM562		14	VLFLF		W-14HL / 025-290-19
VGMHT-2530N	VGM562		25/30	VLFLF		HT-2530N 025-000-01, 025-302-15
VGMH-30	VGM562		30	VLFLF		H-30 / 025-194-12
VGMHT-3035N	VGM562		30/35	VLFLF		HT-3035N 025-000-02, 025-303-16
VGMH-35	VGM562		35	VLFLF		H-36 / 025-195-13
VGMHT-3540N	VGM562		35/40	VLFLF		HT-3540N 025-000-03, 025-304-17
VGMHT-4550N	VGM562		45/50	VLFLF		HT-4550N 025-000-04, 025-305-18
VGMH-50T	VGM562		50	VLFLF		H-50T / 025-268-18
VGMH-60	VGM562		60	VLFLF		H-60 / 025-199-17
VGMH-70	VGM562		70	VLFLF		H-70 / 025-200-12



Type VGM562

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>TUTHILL CORP.</b>								
PS-3208	C	1	1.375	3/4	VCFJF			065046 A000
PS-768	C	3	1.375	3/4	BCFKF			065238 A000
PS-252	D	3	1.625	1	BCFKF			065024 A00
PS-355V	C	3	1.750	1-1/8	VCFKF			065049 A000
FA-10040	C	—	—	1-1/4	VCF-F			065220 0000
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			065239 A000
PS-4123	D	3	2.000	1-3/8	VCFKF			005019-2-B
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			065240 A000
PS-4408	D	3	2.125	1-1/2	B/VCPKP			065018 A000
PS-238V-CMS	C	1	2.375	1-5/8	VCFJF			065241 A000
PS-446V	C	3	2.500	1-3/4	VCFJF			065289 A000
FA-1875	C	—	—	1-7/8	BCF-F			065215 0000
FA-1875V	C	—	—	1-7/8	VCF-F			065219 0000
FA-2120	C	—	—	2-1/8	BCF-F			065214 0000
PS-1678V	C	3	3.125	2-1/4	VCFJF			065242 A000
<b>TUTHILL PUMP CO.</b>								
PS-633	C	1	1.250	5/8	BCFKF			2C1B9
PS-768	C	3	1.375	3/4	BCFKF			3C1B9
PS-499	C	3	1.625	1	BCFKF			5C1B9
PS-4189	E	3	2.250	1-7/16	BCPKF			CC0919-1A
PS-4189V	E	3	2.250	1-7/16	VCPKF			CC0919-1B
<b>U.S. ELECTRICAL MOTOR</b>								
PS-358	C	1	1.375	3/4	BCFJF			PUL-2112
PS-356	C	1	1.750	1-1/8	BCFJF			
PS-320	C	1	2.250	1-1/2	BCFJF		Frame 213	
<b>U.S. FILTER</b>								
PS-1002V	C	1	1.000	1/2	VCFJF			7802910
PS-290V	C	1	1.250	5/8	VCFJF	N		7802918
PS-1687	D	1	3.000	2-1/8	BCFKF			U18080

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>VERTIFLO PUMP CO.</b>								
PS-358	C	1	1.375	3/4	BCFJF			SJ-2112-C1-00
PS-358V-CMS	C	1	1.375	3/4	VCFJF			SJ-2112-C1-X2
PS-112V-CMS	C	1	1.375	3/4	VCFKF			SJ-2112-71-X0
PS-7305	C	1	1.375	3/4	VLFLF	316SS		SJ-2112-S1-X2
PS-756	C	1	1.875	1-1/4	BCFKF			SJ-2120-71-00
PS-3886	C	1	1.875	1-1/4	VCFJF	316SS		SJ-2120-C1-X2
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			SJ-2120-C1-X0
PS-758	C	1	2.125	1-1/2	BCFJF			SJ-2124-C1-02
PS-659	C	1	2.125	1-1/2	BCFKF			SJ-2124-71-00
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			SJ-2124-C1-X0
PS-7409	C	1	2.125	1-1/2	VCFJF	316SS		SJ-2124-C1-X2
PS-659V-CMS	C	1	2.125	1-1/2	VCFKF			SJ-2124-71X-0
PS-238	C	1	2.375	1-5/8	BCFJF			SJ-2126-C1-00
PS-239	C	1	2.375	1-5/8	BCFKF			SJ-2126-71-00
PS-238V-CMS	C	1	2.375	1-5/8	VCFJF			SJ-2126-C1-X0
PS-239V-CMS	C	1	2.375	1-5/8	VCFKF			SJ-2126-71-X0
PS-844	C	1	3.000	2-1/8	BCFJF			SJ-2134-C1-00
<b>VIC CLEANING MACHINE</b>								
PS-162	A	1	1.000	1/2	BMFJF			22-907
PS-701	A	1	1.187	5/8	BMFKF			42-607
<b>VICAN PUMP (Unit of IDEX CORP.)</b>								
PS-7105	C	3	2.250	1-7/16	BCFKF			335-00-180-243
PS-4455	D	3	2.062	1-7/16	VCPKF			335-00-210-055
PS-6338	E	3	2.312	1-7/16	VCPKF			335-00-210-024
<b>VICO (BALBOA WATER GROUP)</b>								
PS-2136	A	1	1.375/1.750	3/4	BCFJF		SuperFlo, UltraFlo, Ultima	PPSFSeal
<b>VIKING INSTRUMENT</b>								
PS-162	A	1	1.000	1/2	BMFJF			1-3438-3
<b>VIKING PUMP, INC. (Div. of IDEX CORP.)</b>								
PS-164	B	9	—	1/2	BMFKF	A		2-471-008-999-00
PS-6321	C	3	1.125	1/2	BCFKF			2-471-051-999-00
PS-3735	C	3	1.125	1/2	VCFKF			2-471-052-999-00
PS-7948	E	Special	1.193	1/2	BCPKF			2-471-003-999-00
PS-4451	E	Special	1.193	1/2	QCPKF			2-471-022-999-00
PS-7948V	E	Special	1.193	1/2	VCPKF			2-471-017-999-00
PS-9320	W Special	Special	1.193	1/2	TCPKF			2-471-004-999-00
PS-1625	C	3	1.250	5/8	BCFKF			2-472-014-999-00
PS-3133	C	3	1.250	5/8	NCFKF			2-472-058-999-00
PS-1626	C	3	1.250	5/8	VCFKF			2-472-015-999-00
PS-9321	W	2	1.250	5/8	TCFKF			2-472-006-999-00
PS-9322	WT	Special	1.490	5/8	TCFOF	316SS		2-472-012-999-00
PS-7087	D	3	1.375	3/4	BCPKF			2-473-003-999-00
PS-7613	D	3	1.375	3/4	NCPKF			2-473-009-999-00
PS-7613V	D	3	1.375	3/4	VCPKF			2-473-018-999-00
PS-3935	W	2	1.375	3/4	TCFKF	316SS		2-473-038-999-00
PS-9324	W	2	1.375	3/4	TCFKF	316SS		2-473-006-999-00
PS-9323	W Special	2	1.375	3/4	TCFKF	316SS		2-473-001-999-00
PS-9325	W Special	2	1.375	3/4	TCFOF	316SS		2-473-034-999-00
PS-460	D	1	1.625	1	BCFKF			2-475-002-999-00
PS-6328	D	3	1.625	1	BCPKF			2-475-001-999-00
PS-6329	D	3	1.625	1	NCPKF			2-475-005-999-00
PS-4137	D	3	1.625	1	VCPKF			2-475-010-999-00
PS-6331	E	3	1.625	1	BCPKF			2-475-115-999-00
PS-3803	E	3	1.625	1	VCFKF			2-475-012-999-00
PS-1631	T	3	1.625	1	NCPKF			2-475-004-999-00
PS-9313	W	2	1.625	1	TCFKF			2-475-019-999-00
PS-9334	W	2	1.625	1	TCFOF	316SS		2-475-025-999-00
PS-7967	E	3	2.000	1-1/8	BCPKF			2-476-001-999-00

NOTE: A. MOUNTS ON SHAFT

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>VIKING PUMP, INC. (Div. of IDEX CORP.) (continued)</b>								
PS-3653	E	3	2.000	1-1/8	NCPGF			2-476-006-999-00
PS-3063	E	3	2.000	1-1/8	QCPKF			2-476-046-999-00
PS-6334	E	3	2.000	1-1/8	VCPKF			2-476-012-999-00
PS-7232	W	2	2.000	1-1/8	TCFKF	316SS		2-476-003-999-00
PS-9327	W	2	2.000	1-1/8	TCFOF	316SS		2-476-005-999-00
PS-9328	W	28	2.354	1-1/8	TCFKF	316SS		2-476-123-999-00
PS-9329	W	28	2.354	1-1/8	Special	316SS		2-476-133-999-00
PS-3731	Special	3	1.625	1-1/8	BCPKP			2-476-018-999-00
PS-6337	D	3	1.875	1-1/4	BCPKF			2-477-015-999-00
PS-6339	D	3	1.875	1-1/4	BCPKF			2-477-100-999-00
PS-3934	D	3	1.875	1-1/4	NCPKF			2-477-019-999-00
PS-1632V	D	3	1.875	1-1/4	VCPKF			2-477-020-999-00
PS-4091	D	3	1.875	1-1/4	VLFLF	316SS/H		2-477-596-999-00
PS-3611	WT	2	1.875	1-1/4	TCFOF	316SS		2-477-140-999-06
PS-9003	WT	2	2.343	1-1/4	TCFKF	316SS		2-477-018-999-00
PS-7105	C	3	2.250	1-7/16	BCFKF			2-477-288-999-00
PS-4067	E	3	2.125	1-7/16	VCFKF			2-477-042-999-00
PS-6340	E	3	2.171	1-7/16	BCPKF			2-477-173-999-00
PS-6342	E	3	2.171	1-7/16	VCPKF			2-477-180-999-00
PS-4189	E	3	2.250	1-7/16	BCPKF			
PS-1634	E	3	2.250	1-7/16	BCPKP			2-477-008-999-00 2-477-027-999-00
PS-3848	E	3	2.312	1-7/16	BCPKF			2-477-001-999-00
PS-6344	E	3	2.312	1-7/16	NCPKF			2-477-429-999-00
PS-6338	E	3	2.312	1-7/16	VCPKF			2-477-038-999-00
PS-4140	E	3	2.375	1-7/16	VCFLF			2-477-669-999-00
PS-1633	T	3	2.187	1-7/16	NCPKF			2-477-006-999-00
PS-9227	W	2	2.312	1-7/16	TCFKF			2-477-003-999-00
PS-9307	W	2	2.312	1-7/16	TCFOF			2-477-005-999-00
PS-9330	W	Special	2.484	1-7/16	TCFKF	316SS		2-477-179-999-00
PS-9304	W	27	2.687	1-7/16	TCFKF			2-477-116-999-00
PS-9331	W	28	2.687	1-7/16	Special			2-477-346-999-00
PS-6348	E	3	2.375	1-5/8	BCPKF			2-478-041-999-00
PS-6349	E	3	2.375	1-5/8	VCPKF			2-478-046-999-00
PS-9017	WT	28	2.875	1-5/8	TCFKF	316SS		2-478-040-999-00
PS-9332	WT	28	2.875	1-5/8	TCFOF	316SS		2-478-026-999-00
PS-7580	E	3	3.437	2-7/16	BCPKP			2-480-001-999-00
PS-3751	E	3	3.437	2-7/16	VCPKF			2-480-004-999-00
PS-9333	W	28	4.000	2-7/16	TCFKF	316SS		2-480-051-999-00
PS-3505	U	3	4.375	3-7/16	VCPKF			2-481-006-999-00
PS-8106	X	3	4.312	3-7/16	VCFK*			2-481-124-999-00
<b>VILTER MFG., INC.</b>								
PS-6175	R	3	3.875	3	NCPGP			A-33489-A
<b>VULCAN-HART</b>								
PS-1618	C	1	1.250	5/8	BCFJF	B		
PS-508	D	1	1.250	5/8	BCDJF			
PS-360	A	1	1.625	1	BCFJF			97505
PS-236	E	1	1.625	1	BCFKF			97049
PS-1167	C	1	1.750	1-1/8	BCFKF	B		
PS-604	D	1	1.750	1-1/8	BCFJF			
<b>WARREN PUMPS</b>								
PS-4529	E	3	5.500	4-1/2	BCFJF	316SS/C		
<b>WATER ACE PUMP CO.® (Part of Pentair Pump Group)</b>								
PS-3845	B	8	1.299	5/8	BMFJF		Models RSP-7, 10, 15	25053A000
<b>WATERCO USA</b>								
PS-3985	B	1	1.375	3/4	BCFJF	316SS	Supatuf	6340162
PS-185	C	1	1.875	1-1/4	BCFJF			19B5032
PS-446	C	1	2.500	1-3/4	BCFJF			19B5033

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WATEROUS CO.</b>								
PS-499	C	3	1.625	1	BCFKF			
PS-460V	D	3	1.625	1	VCFKF	S		V-2672
PS-3010	G	3	1.625	1	BCFLF			V-3386
PS-3193	D	3	1.750	1-1/16	VCDLF			V-3385
PS-605	D	1	1.750	1-1/8	BCFKF			V-1467
PS-3013	G	25	1.750	1-1/8	VCFLF	316SS		V-3505
PS-598	C	3	1.875	1-1/4	BCFKF			V-2145
PS-383V	D	3	1.875	1-1/4	VCFKF			V-1150
PS-6266	G	3	1.875	1-1/4	BCFLF	316SS		V-3218
PS-659V	C	3	2.125	1-1/2	VCFKF			
<b>WATERWAY PLASTICS</b>								
PS-671	B	1	.875	3/8	BMFJF		Tiny Mite	811-4000A
PS-1000	B	1	1.250	5/8	BMFJF			319-3100B
PS-3212	B	1	1.250	5/8	VCFJF		Light Spring Load	811-1090
<b>WATTS</b>								
PS-680	A	1	1.187	5/8	BCFJF			
PS-1000	B	1	1.250	5/8	BMFJF			
<b>WAUKESHA® CHERRY-BURRELL®</b>								
PS-3730	C	—	—	1-3/8	NFF-F			M549P122960
PS-544	C	3	2.375	1-5/8	BCFKF			506 4131207
PS-239V	C	3	2.375	1-5/8	VCFKF			PG4-45, 5164130809
PS-267V	C	3	2.750	2	VCFJF			
PS-1145	C	3	2.750	2	VCFKF			PG4-46, 5065080809
PS-1676	C	3	3.125	2-1/4	BCFKF			5065711207
PS-1676V	C	3	3.125	2-1/4	VCFKF			5065710809

Value Guard Part No.	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>U1 006, 015, 018, 024 - Seal &amp; O-Ring Kits</b>				
VGFS-6000	Single	1-1/4	BJ-CF	105295
VGFS-6002	Single	1-1/4	BL-CF	105297
VGFS-6004	Single	1-1/4	BL-LF	
VGFS-6005	Single	1-1/4	QJ-CF	
VGFS-6006	Single	1-1/4	QL-CF	
VGFS-6007	Single	1-1/4	QL-LF	
VGFS-6001	Single	1-1/4	VJ-CF	105296
VGFS-6003	Single	1-1/4	VL-CF	105298
VGFS-6008	Single	1-1/4	VL-LF	
VGFS-6010	Double	1-1/4	BJ-CF	105299
VGFS-6012	Double	1-1/4	BL-C/LF	105301
VGFS-6014	Double	1-1/4	QJ-CF	
VGFS-6015	Double	1-1/4	QL-C/LF	
VGFS-6011	Double	1-1/4	VJ-CF	105300
VGFS-6013	Double	1-1/4	VL-C/LF	105302

• Includes Seals, O-Rings and Wave Springs for 2 shafts



**VGFS-6008**  
U1- Single Seal & O-Ring Kit  
2 Required per Pump



**VGFS-6015**  
U1- Double Seal & O-Ring Kit  
2 Required per Pump

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>U1 006, 015, 018, 024 - Seal &amp; O-Ring Kits</b>				
VGFS-6020	Single	1-1/4	B--F-	105247
VGFS-6022	Single	1-1/4	Q--F-	
VGFS-6021	Single	1-1/4	V--F-	105251
VGFS-6023	Double	1-1/4	B--F-	105249
VGFS-6025	Double	1-1/4	Q--F-	
VGFS-6024	Double	1-1/4	V--F-	105253

• Includes Sleeves and O-Rings for 2 shafts



VGFS-6022

Value Guard Part No.	Component	Materials of Construction	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>			
<b>U1 006, 015, 018, 024 - Seal &amp; Seat Components</b>			
<b>Inner Seal</b>			
VGFS-6030	Stationary Face Seal	Ceramic	015-306-002
VGFS-6031	Stationary Face Seal	Carbon	015-306-007
VGFS-6032	Stationary Face Seal	Silicon Carbide	015-306-009
VGFS-6033	Stationary Face O-Ring	Buna	AD0079000
VGFS-6034	Stationary Face O-Ring	EPR	AD0079002
VGFS-6035	Stationary Face O-Ring	Silicone	AD0079SC0
VGFS-6036	Stationary Face O-Ring	Viton®	AD0079V00
<b>Outer Seal</b>			
VGFS-6037	Stationary Face Seal	Carbon	015-206-007
VGFS-6038	Stationary Face O-Ring	Buna	N50228
<b>U1 006, 015, 018, 024 - Components for Inner and Outer Seals</b>			
VGFS-6040	Shaft O-Ring	EPR	E70022
VGFS-6041	Shaft O-Ring	Buna	N70022
VGFS-6042	Shaft O-Ring	Silicone	S70022
VGFS-6043	Shaft O-Ring	Viton®	V70022
VGFS-6044	Rotary Face Seal	Ceramic	015-014-002
VGFS-6045	Rotary Face Seal	Silicon Carbide	015-014-009
VGFS-6046	Sleeve	Stainless Steel	015-098-000
VGFS-6047	Sleeve	Chrome Oxide Coated Stainless	015-098-002
VGFS-6048	Sleeve	Zirconia	015-098-004
VGFS-6049	Wave Spring	Stainless Steel	015-304-000



# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>U1 030, 034 - Seal &amp; O-Ring Kits</b>				
VGFS-6100	Single	1-1/2	BJ-CF	105305
VGFS-6102	Single	1-1/2	BL-CF	105307
VGFS-6104	Single	1-1/2	BL-LF	
VGFS-6105	Single	1-1/2	QJ-CF	
VGFS-6106	Single	1-1/2	QL-CF	
VGFS-6107	Single	1-1/2	QL-LF	
VGFS-6101	Single	1-1/2	VJ-CF	105306
VGFS-6103	Single	1-1/2	VL-CF	105308
VGFS-6108	Single	1-1/2	VL-LF	
VGFS-6109	Double	1-1/2	BJ-CF	105309
VGFS-6111	Double	1-1/2	BL-C/LF	105311
VGFS-6113	Double	1-1/2	QJ-CF	
VGFS-6114	Double	1-1/2	QL-C/LF	
VGFS-6110	Double	1-1/2	VJ-CF	105310
VGFS-6112	Double	1-1/2	VL-C/LF	105312
• Includes Seals, O-Rings and Wave Springs for 2 shafts				
<b>Sleeve &amp; O-Ring Kits</b>				
VGFS-6120	Single	1-1/2	B--F-	105259
VGFS-6121	Single	1-1/2	Q--F-	
VGFS-6122	Single	1-1/2	V--F-	105263
VGFS-6123	Double	1-1/2	B--F-	105261
VGFS-6124	Double	1-1/2	Q--F-	
VGFS-6125	Double	1-1/2	V--F-	105265
• Includes Sleeves and O-Rings for 2 shafts				

Value Guard Part No.	Component	Materials of Construction	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>			
<b>U1 030, 034 - Seal &amp; Mating Ring Components</b>			
<b>Inner Seal</b>			
VGFS-6130	Stationary Face Seal	Ceramic	030-306-002
VGFS-6131	Stationary Face Seal	Carbon	030-306-007
VGFS-6132	Stationary Face Seal	Silicon Carbide	030-306-009
VGFS-6133	Stationary Face O-Ring	Buna	AD0079000
VGFS-6134	Stationary Face O-Ring	EPR	AD0079002
VGFS-6135	Stationary Face O-Ring	Silicone	AD0079SC0
VGFS-6136	Stationary Face O-Ring	Viton®	AD0079V00
<b>Outer Seal</b>			
VGFS-6137	Stationary Face Seal	Carbon	030-206-007
VGFS-6138	Stationary Face O-Ring	Buna	N50335
<b>U1 030, 034 - Components for Inner and Outer Seals</b>			
VGFS-6140	Shaft O-Ring	EPR	E70028
VGFS-6141	Shaft O-Ring	Buna	N70028
VGFS-6142	Shaft O-Ring	Silicone	S70028
VGFS-6143	Shaft O-Ring	Viton®	V70028
VGFS-6144	Rotary Face Seal	Ceramic	030-014-002
VGFS-6145	Rotary Face Seal	Silicon Carbide	030-014-009
VGFS-6146	Sleeve	Stainless Steel	030-098-000
VGFS-6147	Sleeve	Chrome Oxide Coated Stainless	030-098-002
VGFS-6148	Sleeve	Zirconia	030-098-004
VGFS-6149	Wave Spring	Stainless Steel	030-304-000

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>U1 040, 060, 064, 130, 134 - Seal &amp; O-Ring Kits</b>				
VGFS-6200	Single	1-7/8	BJ-CF	105315
VGFS-6202	Single	1-7/8	BL-CF	105317
VGFS-6204	Single	1-7/8	BL-LF	
VGFS-6205	Single	1-7/8	QJ-CF	
VGFS-6206	Single	1-7/8	QL-CF	
VGFS-6207	Single	1-7/8	QL-LF	
VGFS-6201	Single	1-7/8	VJ-CF	105316
VGFS-6203	Single	1-7/8	VL-CF	105318
VGFS-6208	Single	1-7/8	VL-LF	
VGFS-6209	Double	1-7/8	BJ-CF	105319
VGFS-6211	Double	1-7/8	BL-C/LF	105321
VGFS-6213	Double	1-7/8	QJ-CF	
VGFS-6214	Double	1-7/8	QL-C/LF	
VGFS-6210	Double	1-7/8	VJ-CF	105320
VGFS-6212	Double	1-7/8	VL-C/LF	105322
• Includes Seals, O-Rings and Wave Springs for 2 shafts				
<b>U1 040, 060, 064, 130, 134 - Sleeve &amp; O-Ring Kits</b>				
VGFS-6220	Single	1-7/8	B- - F-	105271
VGFS-6221	Single	1-7/8	Q- - F-	
VGFS-6222	Single	1-7/8	V- - F-	105275
VGFS-6223	Double	1-7/8	B- - F-	105273
VGFS-6224	Double	1-7/8	Q- - F-	
VGFS-6225	Double	1-7/8	V- - F-	105277
• Includes Sleeves and O-Rings for 2 shafts				

Value Guard Part No.	Component	Materials of Construction	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>			
<b>U1 040, 060, 064, 130, 134 - Seal &amp; Mating Ring Components</b>			
<b>Inner Seal</b>			
VGFS-6230	Stationary Face Seal	Ceramic	030-306-002
VGFS-6231	Stationary Face Seal	Carbon	030-306-007
VGFS-6232	Stationary Face Seal	Silicon Carbide	030-306-009
VGFS-6233	Stationary Face O-Ring	EPR	E70331
VGFS-6234	Stationary Face O-Ring	Buna	N70331
VGFS-6235	Stationary Face O-Ring	Silicone	S70331
VGFS-6236	Stationary Face O-Ring	Viton®	V70331
<b>Outer Seal</b>			
VGFS-6237	Stationary Face Seal	Carbon	060-206-007
VGFS-6238	Stationary Face O-Ring	Buna	N50338
<b>U1 040, 060, 064, 130, 134 - Components for Inner and Outer Seals</b>			
VGFS-6240	Shaft O-Ring	EPR	E70131
VGFS-6241	Shaft O-Ring	Buna	N70131
VGFS-6242	Shaft O-Ring	Silicone	S70131
VGFS-6243	Shaft O-Ring	Viton®	V70131
VGFS-6244	Rotary Face Seal	Ceramic	060-014-002
VGFS-6245	Rotary Face Seal	Silicon Carbide	060-014-009
VGFS-6246	Sleeve	Stainless Steel	060-098-000
VGFS-6247	Sleeve	Chrome Oxide Coated Stainless	060-098-002
VGFS-6248	Sleeve	Zirconia	060-098-004
VGFS-6249	Wave Spring	Stainless Steel	060-304-000

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>U1 220, 224 - Seal &amp; O-Ring Kits</b>				
VGFS-6300	Single	2-3/4	BJ-CF	105325
VGFS-6302	Single	2-3/4	BL-CF	105327
VGFS-6304	Single	2-3/4	BL-LF	
VGFS-6305	Single	2-3/4	QJ-CF	
VGFS-6306	Single	2-3/4	QL-CF	
VGFS-6307	Single	2-3/4	QL-LF	
VGFS-6301	Single	2-3/4	VJ-CF	105326
VGFS-6303	Single	2-3/4	VL-CF	105328
VGFS-6308	Single	2-3/4	VL-LF	
VGFS-6309	Double	2-3/4	BJ-CF	105329
VGFS-6311	Double	2-3/4	BL-C/LF	105331
VGFS-6313	Double	2-3/4	QJ-CF	
VGFS-6314	Double	2-3/4	QL-C/LF	
VGFS-6310	Double	2-3/4	VJ-CF	105330
VGFS-6312	Double	2-3/4	VL-C/LF	105332
• Includes Seals, O-Rings and Wave Springs for 2 shafts				
<b>U1 220, 224 - Sleeve &amp; O-Ring Kits</b>				
VGFS-6320	Single	2-3/4	B- - F-	105283
VGFS-6321	Single	2-3/4	Q- - F-	
VGFS-6322	Single	2-3/4	V- - F-	105287
VGFS-6323	Double	2-3/4	B- - F-	105285
VGFS-6324	Double	2-3/4	Q- - F-	
VGFS-6325	Double	2-3/4	V- - F-	105289
• Includes Sleeves and O-Rings for 2 shafts				

Value Guard Part No.	Component	Materials of Construction	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>			
<b>U1 220, 224 - Seal &amp; Mating Ring Components</b>			
<b>Inner Seal</b>			
VGFS-6330	Stationary Face Seal	Ceramic	220-306-002
VGFS-6331	Stationary Face Seal	Carbon	220-306-007
VGFS-6332	Stationary Face Seal	Silicon Carbide	220-306-009
VGFS-6333	Stationary Face O-Ring	EPR	E70338
VGFS-6334	Stationary Face O-Ring	Buna	N70338
VGFS-6335	Stationary Face O-Ring	Silicone	S70338
VGFS-6336	Stationary Face O-Ring	Viton®	V70338
<b>Outer Seal</b>			
VGFS-6340	Stationary Face Seal	Carbon	220-206-007
VGFS-6341	Stationary Face O-Ring	Buna	N50344
<b>U1 220, 224 - Components for Inner and Outer Seals</b>			
VGFS-6350	Shaft O-Ring	EPR	E70144
VGFS-6351	Shaft O-Ring	Buna	N70144
VGFS-6352	Shaft O-Ring	Silicone	S70144
VGFS-6353	Shaft O-Ring	Viton®	V70144
VGFS-6354	Rotary Face Seal Seat	Ceramic	220-014-002
VGFS-6355	Rotary Face Seal Seat	Silicon Carbide	220-014-009
VGFS-6356	Sleeve	Stainless Steel	220-098-000
VGFS-6357	Sleeve	Chrome Oxide Coated Stainless	220-098-002
VGFS-6358	Sleeve	Zirconia	220-098-004
VGFS-6359	Wave Spring	Stainless Steel	220-304-000

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>U1 320, 323, 324</b>				
<b>Per Shaft - Includes Double Seal for 1 Shaft</b>				
VGFS-6400	Double	3	QC/L-LF	
VGFS-6401	Double	3	IC/L-LF	
VGFS-6402	Double	3	VC/L-LF	
<b>Per Pump - Includes Double Seals for 2 shafts</b>				
VGFS-6403	Double	3	QC/L-LF	
VGFS-6404	Double	3	IC/L-LF	
VGFS-6405	Double	3	VC/L-LF	

Value Guard Part No.	Component	Materials of Construction	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>			
<b>Inner Seal Components</b>			
VGFS-6410	Rotary Face	Carbon	36027
VGFS-6411	Rotary Face	Silicon Carbide	40754
VGFS-6412	Rotary Face	Ceramic	40755
VGFS-6413	Full Clamp Seat Gasket	EPR	300042001
VGFS-6414	Full Clamp Seat Gasket	Silicone	
VGFS-6415	Rotary Face O-Ring	EPR	E70238
VGFS-6416	Rotary Face O-Ring	Silicone	S75238
VGFS-6417	Rotary Face O-Ring	Viton®	V70238
VGFS-6418	Shaft O-Ring	EPR	E70234
VGFS-6419	Shaft O-Ring	Silicone	S75234
VGFS-6420	Shaft O-Ring	Viton®	V70234
VGFS-6421	Complete Rotary	QCF-F	
VGFS-6422	Complete Rotary	QLF-F	40572
VGFS-6423	Complete Rotary	ICF-F	
VGFS-6424	Complete Rotary	ILF-F	
VGFS-6425	Complete Rotary	VCF-F	
VGFS-6426	Complete Rotary	VLF-F	
VGFS-6427	Set Screw	Stainless Steel	110038
VGFS-6428	Spring	Stainless Steel	40875
<b>Outer Seal Components</b>			
VGFS-6430	Full Clamp Seat Gasket	EPR	300042002
VGFS-6431	Full Clamp Seat Gasket	Silicone	
VGFS-6432	Complete Rotary	QCF-F	323114003
VGFS-6433	Rotary Face	Carbon	
VGFS-6434	Rotary Face	Silicon Carbide	
VGFS-6435	Spring	Stainless Steel	
<b>Mating Ring Components</b>			
VGFS-6440	Full Clamp Flush Seat	Ceramic	300014027
VGFS-6441	Full Clamp Flush Seat	Silicon Carbide	300042031
VGFS-6442	Full Clamp Non-Flush	Ceramic	300014012
VGFS-6443	Full Clamp Non-Flush	Silicon Carbide	300042016

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>U2 006, 015, 018</b>				
VGFS-6500	Single	1-1/4	QL-CF	
VGFS-6501	Single	1-1/4	QL-LF	
VGFS-6502	Single	1-1/4	VL-CF	
VGFS-6503	Single	1-1/4	VL-LF	
VGFS-6504	Double	1-1/4	QC/J-JF	
VGFS-6505	Double	1-1/4	QC/L-LF	
VGFS-6506	Double	1-1/4	QJ-CF	
VGFS-6507	Double	1-1/4	QL-LF	
VGFS-6508	Double	1-1/4	VC/J-JF	
VGFS-6509	Double	1-1/4	VC/L-LF	
VGFS-6510	Double	1-1/4	VJ-CF	
VGFS-6511	Double	1-1/4	VL-LF	

\* Includes Seals, O-Rings and Wave Springs for One Shaft (Two Required Per Pump)



VGFS-6501



VGFS-6505

Value Guard Part No.	Component	Materials of Construction	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>			
<b>Inner Seal Components</b>			
VGFS-6520	Stationary Face Seal	Carbon	101651
VGFS-6521	Stationary Face Seal	Ceramic	101652
VGFS-6522	Stationary Face Seal	Silicon Carbide	101653
VGFS-6523	Wave Spring	Stainless Steel	101683
VGFS-6524	Stationary Face O-Ring	EPR	E70028
VGFS-6525	Stationary Face O-Ring	Buna	N70028
VGFS-6526	Stationary Face O-Ring	Viton®	V70028
<b>Outer Seal Components</b>			
VGFS-6530	Stationary Face Seal	Carbon	101679
VGFS-6531	Wave Spring	Stainless Steel	101684
VGFS-6532	Stationary Face O-Ring	EPR	E70035
VGFS-6533	Stationary Face O-Ring	Buna	N70035
VGFS-6534	Stationary Face O-Ring	Viton®	V70035
<b>Mating Ring Components</b>			
VGFS-6540	Rotary Face O-Ring	EPR	E70024
VGFS-6541	Rotary Face O-Ring	Buna	N70024
VGFS-6542	Rotary Face O-Ring	Viton®	V70024
VGFS-6543	Rotary Face Seal Seat	Ceramic	101667
VGFS-6544	Rotary Face Seal Seat	Silicon Carbide	101668

## PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>U2 030, 034</b>				
VGFS-6600	Single	1-1/2	QL-CF	
VGFS-6601	Single	1-1/2	QL-LF	
VGFS-6602	Single	1-1/2	VL-CF	
VGFS-6603	Single	1-1/2	VL-LF	
VGFS-6604	Double	1-1/2	QC/J-JF	
VGFS-6605	Double	1-1/2	QC/L-LF	
VGFS-6606	Double	1-1/2	QJ-CF	
VGFS-6607	Double	1-1/2	QL-LF	
VGFS-6608	Double	1-1/2	VC/J-JF	
VGFS-6609	Double	1-1/2	VC/L-LF	
VGFS-6610	Double	1-1/2	VJ-CF	
VGFS-6611	Double	1-1/2	VL-LF	
* Includes Seals, O-Rings and Wave Springs for One Shaft (Two Required Per Pump)				

Value Guard Part No.	Component	Materials of Construction	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>			
<b>Inner Seal Components</b>			
VGFS-6620	Stationary Face Seal	Carbon	101655
VGFS-6621	Stationary Face Seal	Ceramic	101656
VGFS-6622	Stationary Face Seal	Silicon Carbide	101657
VGFS-6623	Wave Spring	Stainless Steel	101685
VGFS-6624	Stationary Face O-Ring	EPR	E70031
VGFS-6625	Stationary Face O-Ring	Buna	N70031
VGFS-6626	Stationary Face O-Ring	Viton®	V70031
<b>Outer Seal Components</b>			
VGFS-6630	Stationary Face Seal	Carbon	101680
VGFS-6631	Wave Spring	Stainless Steel	101686
VGFS-6632	Stationary Face O-Ring	EPR	E70041
VGFS-6633	Stationary Face O-Ring	Buna	N70041
VGFS-6634	Stationary Face O-Ring	Viton®	V70041
<b>Mating Ring Components</b>			
VGFS-6640	Rotary Face O-Ring	EPR	E70029
VGFS-6641	Rotary Face O-Ring	Buna	N70029
VGFS-6642	Rotary Face O-Ring	Viton®	V70029
VGFS-6643	Rotary Face Seal	Ceramic	101670
VGFS-6644	Rotary Face Seal	Silicon Carbide	101671

## PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>U2 040 ,045, 060, 064, 130, 134</b>				
VGFS-6700	Single	1-7/8	QL-CF	
VGFS-6701	Single	1-7/8	QL-LF	
VGFS-6702	Single	1-7/8	VL-CF	
VGFS-6703	Single	1-7/8	VL-LF	
VGFS-6704	Double	1-7/8	QC/J-JF	
VGFS-6705	Double	1-7/8	QC/L-LF	
VGFS-6706	Double	1-7/8	QJ-CF	
VGFS-6707	Double	1-7/8	QL-LF	
VGFS-6708	Double	1-7/8	VC/J-JF	
VGFS-6709	Double	1-7/8	VC/L-LF	
VGFS-6710	Double	1-7/8	VJ-CF	
VGFS-6711	Double	1-7/8	VL-LF	
* Includes Seals, O-Rings and Wave Springs for One Shaft (Two Required Per Pump)				

Value Guard Part No.	Component	Materials of Construction	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>			
<b>Inner Seal Components</b>			
VGFS-6720	Stationary Face Seal	Carbon	101659
VGFS-6721	Stationary Face Seal	Ceramic	101660
VGFS-6722	Stationary Face Seal	Silicon Carbide	101661
VGFS-6723	Wave Spring	Stainless Steel	101687
VGFS-6724	Stationary Face O-Ring	EPR	E70035
VGFS-6725	Stationary Face O-Ring	Buna	N70035
VGFS-6726	Stationary Face O-Ring	Viton®	V70035
<b>Outer Seal Components</b>			
VGFS-6730	Stationary Face Seal	Carbon	101681
VGFS-6731	Wave Spring	Stainless Steel	101688
VGFS-6732	Stationary Face O-Ring	EPR	E70043
VGFS-6733	Stationary Face O-Ring	Buna	N70043
VGFS-6734	Stationary Face O-Ring	Viton®	V70043
<b>Mating Ring Components</b>			
VGFS-6740	Rotary Face O-Ring	EPR	E70133
VGFS-6741	Rotary Face O-Ring	Buna	N70133
VGFS-6742	Rotary Face O-Ring	Viton®	V70133
VGFS-6743	Rotary Face Seal	Ceramic	101673
VGFS-6744	Rotary Face Seal	Silicon Carbide	101674

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>U2 180, 220, 224</b>				
VGFS-6800	Single	2-3/4	QL-CF	
VGFS-6801	Single	2-3/4	QL-LF	
VGFS-6802	Single	2-3/4	VL-CF	
VGFS-6803	Single	2-3/4	VL-LF	
VGFS-6804	Double	2-3/4	QC/J-JF	
VGFS-6805	Double	2-3/4	QC/L-LF	
VGFS-6806	Double	2-3/4	QJ-CF	
VGFS-6807	Double	2-3/4	QL-LF	
VGFS-6808	Double	2-3/4	VC/J-JF	
VGFS-6809	Double	2-3/4	VC/L-LF	
VGFS-6810	Double	2-3/4	VJ-CF	
VGFS-6811	Double	2-3/4	VL-LF	
* Includes Seals, O-Rings and Wave Springs for One Shaft (Two Required Per Pump)				

Value Guard Part No.	Component	Materials of Construction	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>			
<b>Inner Seal Components</b>			
VGFS-6820	Stationary Face Seal	Carbon	101663
VGFS-6821	Stationary Face Seal	Ceramic	101664
VGFS-6822	Stationary Face Seal	Silicon Carbide	101665
VGFS-6823	Wave Spring	Stainless Steel	101689
VGFS-6824	Stationary Face O-Ring	EPR	E70041
VGFS-6825	Stationary Face O-Ring	Buna	N70041
VGFS-6826	Stationary Face O-Ring	Viton®	V70041
<b>Outer Seal Components</b>			
VGFS-6830	Stationary Face Seal	Carbon	101682
VGFS-6831	Wave Spring	Stainless Steel	101690
VGFS-6832	Stationary Face O-Ring	EPR	E70046
VGFS-6833	Stationary Face O-Ring	Buna	N70046
VGFS-6834	Stationary Face O-Ring	Viton®	V70046
<b>Mating Ring Components</b>			
VGFS-6840	Rotary Face O-Ring	EPR	E70145
VGFS-6841	Rotary Face O-Ring	Buna	N70145
VGFS-6842	Rotary Face O-Ring	Viton®	V70145
VGFS-6843	Rotary Face Seal Seat	Ceramic	101676
VGFS-6844	Rotary Face Seal Seat	Silicon Carbide	101677




## PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>U2 210, 320, 324</b>				
VGFS-6900	Single	3	QL-CF	
VGFS-6901	Single	3	QL-LF	
VGFS-6902	Single	3	VL-CF	
VGFS-6903	Single	3	VL-LF	
VGFS-6904	Double	3	QC/J-JF	
VGFS-6905	Double	3	QC/L-LF	
VGFS-6906	Double	3	QJ-CF	
VGFS-6907	Double	3	QL-LF	
VGFS-6908	Double	3	VC/J-JF	
VGFS-6909	Double	3	VC/L-LF	
VGFS-6910	Double	3	VJ-CF	
VGFS-6911	Double	3	VL-LF	
* Includes Seals, O-Rings and Wave Springs for One Shaft (Two Required Per Pump)				

Value Guard Part No.	Component	Materials of Construction	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>			
<b>Inner Seal Components</b>			
VGFS-6920	Stationary Face Seal	Carbon	105412
VGFS-6921	Stationary Face Seal	Ceramic	105413
VGFS-6922	Stationary Face Seal	Silicon Carbide	105414
VGFS-6923	Wave Spring	Stainless Steel	105419
VGFS-6924	Stationary Face O-Ring	EPR	E70154
VGFS-6925	Stationary Face O-Ring	Buna	N70154
VGFS-6926	Stationary Face O-Ring	Viton®	V70154
<b>Outer Seal Components</b>			
VGFS-6930	Stationary Face Seal	Carbon	105418
VGFS-6931	Wave Spring	Stainless Steel	105420
VGFS-6932	Stationary Face O-Ring	EPR	E70160
VGFS-6933	Stationary Face O-Ring	Buna	N70160
VGFS-6934	Stationary Face O-Ring	Viton®	V70160
<b>Mating Ring Components</b>			
VGFS-6940	Rotary Face O-Ring	EPR	E70149
VGFS-6941	Rotary Face O-Ring	Buna	N70149
VGFS-6942	Rotary Face O-Ring	Viton®	V70149
VGFS-6943	Rotary Face Seal Seat	Ceramic	105416
VGFS-6944	Rotary Face Seal Seat	Silicon Carbide	105417

# PUMP MANUFACTURERS' CROSS-REFERENCE

Value Guard Part No.	Seal Type	Seal Size	Material Code	
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>				
<b>200 Series Seal Kits</b>				
VGFS-7000	Single	1-3/4	VC-L	
VGFS-7001	Single	1-3/4	VL-Z	
<ul style="list-style-type: none"> <li>Kits include rotary face, O-rings, and oversized cup mating ring.</li> </ul>				
				
VGFS-7021				

Value Guard Part No.	Component	Materials of Construction	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>			
<b>200 Series Components</b>			
VGFS-7002	Oversized Cup	Viton®	9-37
VGFS-7003	Rotary Face	Carbon	9-225A
VGFS-7004	Rotary Face	Silicon Carbide	9-225C
VGFS-7005	Rotary Face	Tungsten Carbide	9-225F
VGFS-7006	Oversized Mating Ring	Silicon Carbide	23-17
VGFS-7007	Oversized Cup Mating Ring	V--L-	23-17V
VGFS-7008	Retainer Spring	Stainless Steel	23-77
VGFS-7009	Seal Retainer	Stainless Steel	23-79
VGFS-7010	Coil Spring	Stainless Steel	24-65
VGFS-7011	Wave Spring	Stainless Steel	24-65Z
VGFS-7012	Tabbed Washer	Stainless Steel	43-87

Value Guard Part No.	Kit Type	Seal Type	Seal Size	Material Code	Mfg. Part No.
<b>WAUKESHA® CHERRY-BURRELL® - PD PUMP - Replacement Seals for Food, Dairy &amp; Beverage Processing</b>					
<b>Model 2045 - Seal Kits</b>					
VGFS-7020	1 Basic	Single	1-1/2	VC---	309-241
VGFS-7021	1 Complete	Single	1-1/2	VC-L-	309-245
VGFS-7022	4 Basic	Double	1-3/4	VC---	309-249
VGFS-7023	4 Complete	Double	1-3/4	VC-L-	309-253
<b>Model 2065 / 2065HV / 2065LV - Seal Kits</b>					
VGFS-7030	1 Basic	Single	1-1/2	VC---	309-242
VGFS-7031	1 Complete	Single	1-1/2	VC-L-	309-246
VGFS-7032	4 Basic	Double	1-3/4	VC---	309-250
VGFS-7033	4 Complete	Double	1-3/4	VC-L-	306-254
<b>Model 2075 / 2085 / 2085LV - Seal Kits</b>					
VGFS-7040	1 Basic	Single	1-1/2	VC---	309-243
VGFS-7041	1 Complete	Single	1-1/2	VC-L-	309-247
VGFS-7042	4 Basic	Double	1-3/4	VC---	309-251
VGFS-7043	4 Complete	Double	1-3/4	VC-L-	309-255
<b>Model 2105 - Seal Kits</b>					
VGFS-7050	1 Basic	Single	1-1/2	VC---	309-244
VGFS-7051	1 Complete	Single	1-1/2	VC-L-	309-248
VGFS-7052	4 Basic	Double	1-3/4	VC---	309-252
VGFS-7053	4 Complete	Double	1-3/4	VC-L-	309-256
<ul style="list-style-type: none"> <li>Type 1 Basic Kit includes casing o-ring, impeller o-ring, rotary face and rotary o-ring.</li> <li>Type 4 Basic Kit includes casing o-ring, impeller o-ring, rotary faces, rotary o-rings and seal housing o-rings.</li> <li>Type 1 Complete Kit includes casing o-ring, impeller o-ring, L-gasket, rotary face and rotary o-ring.</li> <li>Type 4 Complete Kit includes casing o-ring, impeller o-ring, L-gaskets, rotary faces, seal housing o-rings, stationary faces and stationary o-rings.</li> </ul>					

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WAUKESHA MOTORS</b>								
PS-642	B	—	—	5/8	BMF-F			102320 & 20B
PS-1522	A	—	—	3/4	BMF-F			810350
PS-201	A	1	1.375	3/4	BMFJF			152243-B
PS-647	B	—	—	3/4	BMF-F			120828
PS-752	D	1	1.375	3/4	BCDKF			
PS-685	R	1	1.500	7/8	BCDKF			108025
PS-1619	B	1	1.625	1	BCDJF			117177G-J
PS-380	D	1	1.625	1	BCFJF			
PS-604	D	1	1.750	1-1/8	BCFJF			157475, 157475E 157475K
PS-185	C	1	1.875	1-1/4	BCFJF			178033
<b>WAYNE COMBUSTION SYSTEM</b>								
PS-162	A	1	1.000	1/2	BMFJF			15717 / 56106
PS-163	B	1	1.000	1/2	BMFJF			15863 / 56108
PS-400	C	—	—	1/2	BMF-F			15189
PS-1137	Q	1	1.000	1/2	BMFJF			15780 / 56107
PS-200	A	1	1.250	5/8	BMFJF		Series SJ-CJX	15559 / 56104
PS-642	B	—	—	5/8	BMF-F			
PS-1000	B	1	1.250	5/8	BMFJF			15996 / 56109
PS-1155	C	1	1.187	5/8	BCFJF		Series J and S	15529
PS-201	A	1	1.375	3/4	BMFJF			15693 / 56105
PS-201V	A	3	1.375	3/4	VCFJF			16229
<b>WAYNE PUMPS</b>								
PS-150	B	—	—	1/2	BMF-F			16722
PS-974	A	—	—	3/4	BCF-F			16829
PS-1522	A	—	—	3/4	BMF-F			16725
<b>WAYNE WATER SYSTEMS</b>								
PS-200-EPR	A	1	1.250	5/8	QCFJF		CJX, SJD, SW	56393
PS-201V-CMS	A	1	1.375	3/4	VCFJF		2-1/2" & 3 HP	56112
PS-4106	B	1	1.375	3/4	VCFJF	316SS		16993-001/16995-001
<b>WDM PUMPS</b>								
PS-354V	E	3	2.000	1-3/8	VCFJF			MSIXFCEA138
PS-436V	C	3	2.500	1-3/4	VCFKF			MS21XFNRAC134
<b>WEBER INDUSTRIES, INC.</b>								
PS-3228	A	1	1.250	5/8	VCFJF	316SS		70X130-M
PS-359V-CMS	C	1	1.250	5/8	VCFJF			70X120-M
PS-3677	D	3	1.250	5/8	BCDLF			70X110-M
PS-851	A	1	1.375	3/4	BCFJF			70X107-M
PS-358V-CMS	C	1	1.375	3/4	VCFJF			70X121-M
PS-356V-CMS	C	1	1.750	1-1/8	VCFJF			70X118-M
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			70X123-M
PS-446V-CMS	C	1	2.500	1-3/4	VCFJF			70X125-M
<b>WEBSTER ELECTRIC</b>								
PS-218	A	—	—	5/8	BCF-F			
PS-467	C	1	2.125	1-3/8	BCFKF			151-26815
<b>WEIL PUMP CO., INC.</b>								
PS-100	A	1	1.187	5/8	BMFJF		1-1/4" Submersible	17-30009-005, 330.009.005
PS-600	B	1	1.187	5/8	BMFJF			
PS-1000	B	1	1.250	5/8	BMFJF			
PS-989	C	1	1.187	5/8	N/BCFJF	B		
PS-851	A	1	1.375	3/4	BCFJF			17-62372-008
PS-358	C	1	1.375	3/4	BCFJF			205.016.101
PS-358V-CMS	C	1	1.375	3/4	VCFJF			205.093.101
PS-750	D	1	1.375	3/4	BCDJF			X1397, X2372
PS-617	C	3	1.500	7/8	BCFKF			X3452
PS-380	D	1	1.625	1	BCFJF			X992
PS-2033	D	3	1.625	1	BCFJF			17-62427-000
PS-754	E	1	1.625	1	BCFJF			X993

NOTE: B. TAPERED SPRING

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WEIL PUMP CO., INC. (continued)</b>								
PS-356	C	1	1.750	1-1/8	BCFJF			137-000-129
PS-604	D	1	1.750	1-1/8	BCFJF			X2428
PS-802	D	3	1.750	1-1/8	BCFJF		Springholder by Customer	17-62428-008, 362.432.000
PS-204	E	1	1.750	1-1/8	BCFJF			
PS-384	E	1	1.750	1-1/8	BCFKF			X-217UKY
PS-866	E	3	1.750	1-1/8	BCFJF			17-61117-008
PS-381	D	1	1.875	1-1/4	BCFJF			X2174, X-2429UKY
PS-804	D	3	1.875	1-1/4	BCFJF			17-62429-006
PS-3184	K	3	2.000	1-1/4	BCFJF			305.511.001
PS-1623	K	3	2.125	1-1/4	BCFJ/KF			17-05511-001
PS-210	C	1	2.000	1-3/8	BCFKF		Model AS	
PS-758	C	1	2.125	1-1/2	BCFJF			205.228.001
PS-758-SC-SC	C	1	2.125	1-1/2	BLFLF			205.229.001
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			205.228.002
PS-758V-SC-SC	C	1	2.125	1-1/2	VFLF			205.229.002
PS-926	C	3	2.312	1-1/2	BCFJF			
PS-514	D	1	2.375	1-5/8	BCDJF		Springholder by Customer	362.432.000
PS-446-SC-SC	C	1	2.500	1-3/4	BLFLF			205.311.001
PS-1142	K	3	2.500	1-3/4	BCFJ/KF			17-05514-005
PS-2069	E	1	2.625	1-7/8	BCFJF		Model AYM 4x5	
PS-267	C	1	2.750	2	BCFJF			205.258.001
PS-847	D	3	3.125	2-1/4	BCDKF		Model AYM 5 & 6	17-62550-009
<b>WEINMAN (Div. of CRANE PUMPS &amp; SYSTEMS)</b>								
PS-501	A	1	1.250	5/8	BMFJF		Types 4, 5, 6 & 8ACK, 4&6AEK	
PS-4371	A	1	1.250	5/8	VCFJF	I		Q26-77-Y25
PS-3816	A	1	1.250	5/8	VCFKF	I		Q26-77-Y6
PS-309	C	1	1.500	7/8	BCFJF			Q26-394-Y2
PS-188	E	1	1.500	7/8	BCFJF		Type 2SB	Q26-177-Y2
PS-245	C	1	1.625	1	BCFJF	B/H	Types 4AE, 6AC, 6AE, & 6AC	Q26-201-Y2
PS-248	C	1	1.625	1	BCFKF	B/H	Types 4AE, 6AC, 6AE, & 6AC	Q26-143-Y34
PS-380	D	1	1.625	1	BCFJF			Q26-78-Y2
PS-4289	DB	3	1.500	1	VCFKF	I		Q26-409-Y6
PS-204	E	1	1.750	1-1/8	BCFJF			Q26-184-Y2
PS-867	E	3	1.750	1-1/8	BCFKF			Q26-102-Y34
PS-228	K	3	1.875	1-1/4	BCFKF		FR#11, 3UE-B11, 4UD-B11, 4UE-B11	Q26-190-Y34
PS-185	C	1	1.875	1-1/4	BCFJF			Q26-395-Y2
PS-246	C	1	1.875	1-1/4	BCFJF	B/H	Group A-Type 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 Types. 1-1/2KH,2K, 2-1/2G, 2-1/2K, 3G, 3K, 4GL, and 4G	Q26-166-Y2
PS-185-P66	C	1	1.875	1-1/4	BCFJF	I		Q26-395-Y21
PS-249	C	1	1.875	1-1/4	BCFKF	B/H		Q26-276-Y34
PS-756	C	1	1.875	1-1/4	BCFKF		1G2A30P12G-D	Q26-395-Y34
PS-185-TC-SEAT	C	1	1.875	1-1/4	BCFZF			Q26-395-Y10
PS-185-SC-SC	C	1	1.875	1-1/4	BLFLF			Q26-395-Y39
PS-4464	C	1	1.875	1-1/4	QCFKF	316SS		Q26-395-Y53
PS-4029	C	1	1.875	1-1/4	QCFZF	316SS		Q26-395-Y30
PS-1082	C	1	1.875	1-1/4	NCFKF			Q26-395-Y24
PS-185V-CMS-P66	C	1	1.875	1-1/4	VCFJF	I		Q26-395-Y25
PS-185V-TC-SEAT	C	1	1.875	1-1/4	VCFZF			Q26-395-Y17
PS-756V	C	3	1.875	1-1/4	VCFKF			Q26-395-Y47
PS-381	D	1	1.875	1-1/4	BCFJF			Q26-79-Y2
PS-383	D	1	1.875	1-1/4	BCFKF			Q26-5-Y34
PS-361	E	1	1.875	1-1/4	BCFJF		When Seal is Mounted on Shaft: 2L-4, 5, 6, 3L-6, 4L3, 5L3	Q26-243-Y2
PS-264	E	3	1.875	1-1/4	BCFKF			Q26-243-Y34
PS-137V-P66	E	3	1.875	1-1/4	VCFKF	I		Q26-243-Y6
PS-3587	CB	3	1.875	1-3/8	BCFZF	S		
PS-4119	CB	3	1.875	1-3/8	VCFKF	S		Q26-415-Y47
PS-7702	EB	3	1.875	1-3/8	BCFJF			Q26-318-Y2
PS-4145	EB	3	1.875	1-3/8	BCFZF			Q26-318-Y10

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WEINMAN (Div. of CRANE PUMPS &amp; SYSTEMS) (continued)</b>								
PS-3769	EB	3	1.875	1-3/8	VCFZF	I		Q26-318-Y17
PS-347	C	1	2.125	1-1/2	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	C	1	2.125	1-1/2	BCFKF	B/H		Q26-175-Y34
PS-305	E	1	2.125	1-1/2	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-4, 3L-5, 4L-1, 5L-2, 6L-2, 6L03	Q26-264-Y2
PS-374	E	1	2.125	1-1/2	BCFKF			Q26-265-Y34
PS-395	E	3	2.125	1-1/2	BCFJF			Q26-178-Y2
PS-258	E	3	2.125	1-1/2	BCFKF			Q26-178-Y34
PS-305V-P66	E	3	2.125	1-1/2	VCFJF	I		Q26-178-Y25
PS-374V	E	3	2.125	1-1/2	VCFKF			Q26-178-Y47
PS-818	C	3	2.375	1-5/8	BCFJF			Q26-373-Y2
PS-544	C	3	2.375	1-5/8	BCFKF			Q26-373-Y34
PS-3171	C	3	2.375	1-5/8	VCFJF	I		Q26-373-Y25
PS-239V	C	3	2.375	1-5/8	VCFKF			Q26-373-Y47
PS-2057	E	1	2.375	1-5/8	BCFJF		When Seal is Mounted on Shaft: Type 3JC, 4L-4, 5L-1, 8L-3	Q26-240-Y03
PS-2058	E	1	2.375	1-5/8	BCFKF			Q26-241-Y35
PS-1699	E	3	2.375	1-5/8	BCFKF			Q26-240-Y35
PS-3183	E	3	2.375	1-5/8	VCFKF	I		Q26-240-Y6
PS-205	E	1	2.500	1-3/4	BCFJF		When Seal is Mounted on Sleeve: Type 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	E	1	2.500	1-3/4	BCFJF	I		Q26-179-Y21
PS-366	E	1	2.500	1-3/4	BCFKF			Q26-223-Y34
PS-205V-CMS-P66	E	1	2.500	1-3/4	VCFJF	I		Q26-179-Y25
PS-535	E	3	2.500	1-3/4	BCFJF			Q26-217-Y2
PS-262	E	3	2.500	1-3/4	BCFKF			Q26-217-Y34
PS-3540	E	3	2.500	1-3/4	QZFZF			
PS-7774	EB	3	2.375	1-3/4	BCFJF			Q26-319-Y2
PS-2231	EB	3	2.375	1-3/4	BCFKF			Q26-304-Y34
PS-7821	EB	3	2.375	1-3/4	BCFZF			Q26-304-Y10
PS-449	K	1	2.500	1-3/4	BCFJF		Frame #12-3UE, 4UD, 4UE-B12 Frame #13: 4UF, 5UF, 6UG-B13	Q26-191-Y2
PS-2170	U	3	2.500	1-3/4	BCFJF			Q26-179-Y2
PS-4488	UB	3	2.375	1-3/4	BCFZF			
PS-479	E	1	2.750	2	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	E	3	2.750	2	BCFKF			Q26-268-Y34
PS-7892	EB	3	2.625	2	BCFKF			Q26-305-Y34
PS-4102	EB	3	2.625	2	VCFZF		5L1	
PS-385A	U	3	2.750	2	BCFKF		3JC and 5LI Split Case	Q26-180-Y34
PS-4468	U	3	2.750	2	VCFLF			Q26-180Y52
PS-4391	U	3	2.750	2	VFLF		8L2	
PS-3784	EB	3	3.000	2-1/4	BCFJF			Q26-306-Y2
PS-3643	EB	3	3.000	2-1/4	B/VCFKF			Q26-306-Y34
PS-7749	EB	3	3.000	2-1/4	BCFZF			Q26-306-Y10
PS-278	E	3	3.250	2-3/8	BCFJF		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	E	3	3.250	2-3/8	BCFKF			Q26-181-Y34 Q26-275-Y34
PS-350V-P66-TC	E	3	3.250	2-3/8	VCFZF	I		Q26-181-Y17
PS-2158	K	1	3.375	2-1/2	BCFJF			Q26-406-Y2
PS-279	E	3	3.375	2-1/2	BCFJF		Pump Type 10L-2, Seal is Mtd. on Sleeve	Q26-182-Y2
PS-349	E	3	3.375	2-1/2	BCFKF			Q26-198-Y34
PS-542	E	3	3.375	2-5/8	BCFKF			Q26-408-Y35
PS-7927	EB	3	3.375	2-5/8	BCFKF			Q26-340-Y34
PS-4485	EB	3	3.375	2-5/8	BLFZF			
PS-324SS	E	3	3.875	3	BCFJF		Type 8L-1, 12L-2 Seal is Mtd. on Sleeve	Q26-199-Y2
PS-5252	E	3	3.875	3	BCFKF			Q26-183-Y35

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

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WEIR SPECIALTY PUMPS</b>								
PS-356	C	1	1.750	1-1/8	BCFJF			157257
PS-3234	C	1	1.750	1-1/8	VZFLF			157548
PS-758	C	1	2.125	1-1/2	BCFJF			157258
PS-3166	C	1	2.125	1-1/2	BZFLF	316SS		157646
PS-2209	C	1	2.125	1-1/2	BZFZF			52597
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			157549
PS-7409	C	1	2.125	1-1/2	VCFJF	316SS		157256
PS-3558	K	3	2.375	1-1/2	BCFJF			157319
PS-3236	K	1	2.500	1-3/4	BZFZF			157442
PS-4304	K	1	2.500	1-3/4	VZFZF			157472
PS-4353	K	3	2.500	1-3/4	BCFJF			157172
PS-267	C	1	2.750	2	BCFJF			157259
PS-267V-CMS	C	1	2.750	2	VCFJF			157554
PS-4343	K	3	2.750	2	BZFZF/ BCFJF			804820
PS-1679	C	1	3.125	2-1/4	BCFJF			52600
PS-2120	C	1	3.375	2-1/2	BCFJF			157599
PS-4109	T	3	3.375	2-1/2	VZFLF	316SS		800724
PS-3235	C	1	3.875	3	BCFJF	316SS		157260

## WELLS BLOOMFIELD

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

PS-541	K	1	2.125	1-1/2	BCFJF			157174
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## WEMCO® - HIDROSTAL

### Type M Replacement Seals

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

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WESTINGHOUSE</b>								
PS-663	Q	1	1.000	1/2	BMFJF			69782
<b>WHEELER, C.H.</b>								
PS-218	A	—	—	5/8	BCF-F			
PS-702	A	1	1.187	5/8	BMFJF		Reuse Brass Seat Housing	
<b>WHITE</b>								
PS-701	A	1	1.187	5/8	BMFKF			
PS-200	A	1	1.250	5/8	BMFJF			

# PUMP MANUFACTURERS' CROSS-REFERENCE

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

- Replacement Seals for EBS® double cartridge seals
- Materials of Construction - Viton® / Silicon Carbide / Silicon Carbide / 304SS
- Seal Repair Kits available upon request



U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WORTHINGTON (See FLOWSERVE CORP.)</b>								
PS-928	C	—	—	9/16	BCF-F		1 GA	055954-00, 74744277
PS-200	A	1	1.250	5/8	BMFJF		Model 1-1/40CS-5, 1-1/4OM-5	043008-00
PS-507	A	1	1.250	5/8	BMFKF		1-1/2PM3	
PS-528	A	1	1.375	5/8	BMFJF		Delta 512 and 520	PO2098-00, 28518652
PS-200V	A	3	1.250	5/8	VCFJF			055016-00
PS-933	C	—	—	5/8	BCF-F		2GAR, 2GA	055955-00
PS-359	C	1	1.250	5/8	BCFJF			050675-00
PS-359V-CMS	C	1	1.250	5/8	VCFJF			055016-00, 74315409
PS-626	C	1	1.375	5/8	VCFJF		Delta 520	PO2099-00
PS-951	C	3	1.375	5/8	VCFKF		Delta 512 and 520	PO2752-00, 74262767
PS-201	A	1	1.375	3/4	BMFJF		1-1/2PE, 3 & 4	
PS-564	C	—	—	3/4	BCF-F		3 & 4 GA Pumps	024439-00
PS-373	C	1	1.375	3/4	BCFKF		Frame 1A, DN2	026493-00, 026492-00
PS-768	C	3	1.375	3/4	BCFKF			SEL 244
PS-578	D	—	—	7/8	BCD-F		5 & 6 AUM	
PS-936	E	—	—	7/8	BCF-F		5 & 6 GAUM	024440-00, 27197631
PS-560SS	U	2	1.562	15/16	BCFKF		Frame 1	026456-00, 031446-00
PS-370	A	1	1.625	1	BCFKF			
PS-348	C	—	—	1-1/8	BCF-F			PO2885-00, 28518934
PS-529	C	3	1.750	1-1/8	BCFKF		Frame 1 D-812, 820, 1012, 1020	PO2885-00 w/ PO2893-00
PS-801	C	3	1.750	1-1/8	B/VCFJF		Frame 1 D-812, 820, 1012, 1020	PO2885-00 w/ PO2897-00
PS-356V	C	3	1.750	1-1/8	VCFJF		Frame 1 D-812, 820, 1012, 1020	PO2889-00 w/ PO2897-00
PS-355V	C	3	1.750	1-1/8	VCFKF		Frame 1 D-812, 820, 1012, 1020	PO2889-00 w/ PO2893-00
PS-866	E	3	1.750	1-1/8	BCFJF		Frame 1 D-1011, 1021	PO2869-00 w/ PO2897-00
PS-867	E	3	1.750	1-1/8	BCFKF		Frame 1 D-1011, 1021	PO2869-00 w/ PO2893-00
PS-282	U	3	1.750	1-1/8	BCFKF		2-1/2 LR10	051610-00, 053129-00
PS-394	U	3	1.875	1-1/4	BCF/DKF		2, 2-1/2 GRM1, 3GRWMC1	03144800, 74295924
PS-394V	U	3	1.875	1-1/4	VCF/DKF			03144801, 78945442
PS-805	C	3	2.000	1-3/8	BCFJF		Frame 2 D-812, 820, 1012, 1020	PO2886-00 w/ PO2898-00
PS-547	C	3	2.000	1-3/8	BCFKF		Frame 2 D-812, 820, 1012, 1020	PO2886-00 w/ PO2894-00
PS-177V	C	3	2.000	1-3/8	VCFJF		Frame 2 D-812, 820, 1012, 1020	PO2890-00 w/ PO2898-00
PS-210V	C	3	2.000	1-3/8	VCFKF		Frame 2 D-812, 820, 1012, 1020	PO2890-00 w/ PO2894-00
PS-864	E	3	2.000	1-3/8	BCFJF		Frame 2 D-811, 821, 1011, 1021	PO2870-00 w/ PO2898-00
PS-865	E	3	2.000	1-3/8	BCFKF		Frame 2 D-811, 821, 1011, 1021	PO2870-00 w/ PO2894-00
PS-561SS	U	1	2.000	1-3/8	BCFKF		Frame 2 2-1/2 LR-13	050498-00, 026457-00 272150-94
PS-2106V	E	—	—	1-1/2	VCF-F			605061-69
PS-395	E	3	2.125	1-1/2	BCFJF		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

# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>WORTHINGTON (See FLOWERVE CORP.) (continued)</b>								
PS-258	E	3	2.125	1-1/2	BCFKF		3LR-9, 4, 5, & 6LR-10, 3LR-12, 4LR-12, 1-1/2LLR-7, 1-1/2LLR-10, 2LLR-9	
PS-458	U	3	2.375	1-5/8	BCDKF		4LR-14, 5LR-13, 4LR-11	051613-00 w/ 053132-00
PS-2108	C	—	—	1-3/4	BCF-F			PO2887-00, 28518876
FA-10045	C	—	—	1-3/4	VCF-F			PO2891-00
PS-550	C	3	2.500	1-3/4	BCFJF		Frame 3 D-812, 820, 1012, 1020	PO2887-00 w/ PO2899-00
PS-436	C	3	2.500	1-3/4	BCFKF		Frame 3 D-812, 820, 1012, 1020	PO2887-00 w/ PO2895-00
PS-7679	C	3	2.500	1-3/4	VLFLF			
PS-535	E	3	2.500	1-3/4	BCFJF		Frame 3 D-811, 821, 1011, 1021	PO2871-00 w/ PO2899-00
PS-262	E	3	2.500	1-3/4	BCFKF		Frame 3 D-811, 821, 1011, 1021	PO2871-00 w/ PO2895-00
PS-555	U	1	2.500	1-3/4	BCF/DKF		Frame 3	026458-00
PS-555SS	U	1	2.500	1-3/4	BCFKF		Frame 3	050499-00
PS-2070	E	1	2.625	1-7/8	BCFKF		4GRWM	031449-00
PS-1108	V	1	2.625	1-7/8	BMFJF		4FNC-10	
PS-582	C	3	3.000	2	BCFKF			
PS-477	E	3	2.750	2	BCFKF		2" HBL, 4GRM, 5GRWM	031450-00
PS-477V	E	3	2.750	2	VCFKF			031450-01, 78945368
PS-456	U	3	2.750	2	BCFKF		5LR-15, 6LR-13, 6LR-16, 8LR-13	051614-00 w/ 053133-00
PS-385A	U	3	2.750	2	BCFKF		8LR-14	
PS-854	C	3	2.875	2-1/8	BCFJF		Frame 4 D-1012, 1020	PO2888-00 w/ PO2900-00
PS-855	C	3	2.875	2-1/8	BCFKF		Frame 4 D-1012, 1020	PO2888-00 w/ PO2896-00
PS-856	E	3	2.875	2-1/8	BCFJF		Frame 4 D-1011, 1021	PO2872-00 w/ PO2900-00
PS-857	E	3	2.875	2-1/8	BCFKF		Frame 4 D-1011, 1021	PO2872-00 w/ PO2896-00
PS-556	U	1	3.000	2-1/8	BCFKF		Frame 4	026459-00, 050500-00
PS-475	E	3	3.875	3	BCDKF		6LR-18, 10LR-15	055426-00 w/ 055425-00
PS-330	E	3	4.125	3-1/4	BCDJF		6 UZD-1	
<b>XYLEM INC.</b>								
PS-2160	C	1	1.250	5/8	BCFJF			DP0302
PS-4024	G	1	1.275	3/4	QLFLF			P86262
PS-309	C	1	1.500	7/8	BCFJF			DP0294
PS-3589	E	5	1.625	1	VCFZF			DP0296
PS-6261	G	1	1.875	1-1/4	QCFJF	316SS/I		P75221
PS-6260	G	1	1.875	1-1/4	QCFZF	316SS/I		P75223
PS-6264	G	1	1.875	1-1/4	VCFJF	316SS/I		P75225
PS-177	C	1	2.000	1-3/8	BCFJF			DP0298
PS-376-EPR-P66	D	—	—	1-3/8	QCD-F	I		P63316
PS-6262	G	1	2.375	1-5/8	QCFJF	316SS/I		P75222
PS-6263	G	1	2.375	1-5/8	QCFZF	316SS/I		P75224
PS-2108-EPR-P66	C	—	—	1-3/4	QCF-F	I		AC5232
PS-3027	C	3	3.000	2	QCFZF			AC3049
PS-3020	G	3	3.000	2-1/8	QCFJF	316SS		P75396
PS-4490	G	25	3.375	2-1/2	QLFLF	316SS		P5001086
PS-7909	D	3	3.375	2-5/8	BCFJF	I		P75572
<b>YEOMANS CHICAGO CORP.</b>								
PS-185	C	1	1.875	1-1/4	BCFJF			C3-2-57
PS-2208	C	1	1.875	1-1/4	BZFZF			C3-2-72
PS-756V-CMS	C	1	1.875	1-1/4	VCFKF			C3-2-142
PS-383V	D	3	1.875	1-1/4	VCFKF			C3-2-12
PS-883	K	1	1.875	1-1/4	BCFJF			C3-2-82
PS-3150	G	1	1.890	32MM	VLFLF	316SS		C3-2-374, 97821064
PS-210V	C	3	2.000	1-3/8	VCFKF			C3-2-51
PS-758	C	1	2.125	1-1/2	BCFJF			C3-2-73
PS-2209	C	1	2.125	1-1/2	BZFZF			C3-2-58
PS-816	C	3	2.125	1-1/2	BCFJF			98114183
PS-446	C	1	2.500	1-3/4	BCFJF			C3-2-59



# PUMP MANUFACTURERS' CROSS-REFERENCE

U.S. Seal Mfg. Part No.	Head	Mating Ring	Mating Ring OD	Seal Size	Material Code	Notes	Pump Nameplate Data	Mfg. Part No.
<b>YEOMANS CHICAGO CORP. (continued)</b>								
PS-2210	C	1	2.500	1-3/4	BCFZF			C3-2-93
PS-436V	C	3	2.500	1-3/4	VCFKF			C3-2-100
PS-3151	G	1	2.500	1-3/4	VLFLF	316SS		C3-2-376, 97809285
PS-449	K	1	2.500	1-3/4	BCFJF			C3-2-43
PS-267	C	1	2.750	2	BCFJF			C3-2-60
PS-842-TC-SEAT	C	1	2.750	2	BCFZF			C3-2-94
PS-1145	C	3	2.750	2	VCFKF			C3-2-98
PS-2143	K	1	2.750	2	BCFJF			C3-2-47
PS-7196	K	3	2.750	2	BCFJF	S		04700050-000, 97806997
PS-3562	T	3	2.937	2-1/8	BCFKF			C3-2-153, 97873617
PS-844	C	1	3.000	2-1/8	BCFJF			C3-2-83
PS-887	K	1	3.000	2-1/8	BCFJF			C3-2-44
PS-1679	C	1	3.125	2-1/4	BCFJF			C3-2-61
PS-1676V	C	3	3.125	2-1/4	VCFKF			C3-2-99
PS-7932	R	1	3.125	2-1/4	BCDJF			98105544
PS-3077	R	1	3.125	2-1/4	BCFJF			00017293-000
PS-2158	K	1	3.375	2-1/2	BCFJF			C3-2-53
PS-3152	C	1	3.875	3	VLFLF	316SS		C3-2-274, 97809259
PS-3021	G	1	3.875	3	VLFLF	316SS		C3-2-378, 97809287
PS-3518	K	1	3.875	3	BCFJF			C3-2-45, 97809295
PS-3154	G	1	4.125	3-1/4	VLFLF	316SS		C3-2-380, 97816952
PS-3155	K	3	6.000	5	BCFKF			C3-2-55, 97873678
<b>YORK (See JOHNSON CONTROLS)</b>								
<b>ZODIAC POOL SYSTEMS, INC. (See JANDY)</b>								
<b>ZOELLER PUMP CO.</b>								
PS-3033	Q	8	.906	1/2	BCFKF			005095
PS-7929	B	1	1.250	5/8	VLFLF			012240
PS-447	B	8	—	5/8	BCFJF	A		001017
PS-397	C	—	—	1	BCF-F			007767
PS-356	C	1	1.750	1-1/8	BCFJF			006510
PS-4443	C	1	1.750	1-1/8	BCFLF			011125
PS-355-SC-SC	C	1	1.750	1-1/8	BLFLF			011124
PS-356V-SC-SC-CMS	C	1	1.750	1-1/8	VLFLF			011126
PS-185	C	1	1.875	1-1/4	BCFJF			008165
PS-185-SC-SC	C	1	1.875	1-1/4	BLFLF			011128
PS-2208	C	1	1.875	1-1/4	BZFZF			008166
PS-185V-CMS	C	1	1.875	1-1/4	VCFJF			008177
PS-185V-SC-SEAT	C	1	1.875	1-1/4	VCFLF			011131
PS-4101	C	1	1.875	1-1/4	VLFLF	316SS		011130
PS-758	C	1	2.125	1-1/2	BCFJF			006500
PS-758-SC-SEAT	C	1	2.125	1-1/2	BCFLF			011132
PS-659-TC	C	1	2.125	1-1/2	BCFZF			007024
PS-758-SC-SC	C	1	2.125	1-1/2	BLFLF			007023
PS-2209	C	1	2.125	1-1/2	BZFZF			007011
PS-758V-CMS	C	1	2.125	1-1/2	VCFJF			007027
PS-758V-SC-SEAT	C	1	2.125	1-1/2	VCFLF			011133
PS-758V-SC-SC	C	1	2.125	1-1/2	VLFLF			011134
PS-659V-TC-VS-TC	C	1	2.125	1-1/2	VZFZF			007026, 008180
PS-446	C	1	2.500	1-3/4	BCFJF			008168
PS-6210	C	1	2.500	1-3/4	BZFZF			008169
PS-340	C	1	2.625	1-7/8	BCFJF			007131
PS-340-TC-SC	C	1	2.625	1-7/8	BZFZF			011139
PS-340-TC-TC	C	1	2.625	1-7/8	BZFZF			007440
PS-267	C	1	2.750	2	BCFJF			008171

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

# CHOOSE THE RIGHT SEAL FOR YOUR POOL & SPA PUMP

There ARE Different Seals for Different Applications



## Stop Using the WRONG SEAL



### SCS Silicon Carbide Seals Viton® / Silicon Carbide

- For your most demanding applications, order our Silicon Carbide seals.
- Why risk damage to your expensive variable speed motors?
- Best choice when using salt chlorine generators, ozonators or hydrogen peroxide based sanitizers.
- These seals provide superior abrasion, corrosion and chemical resistance.

### Ozone / Salt Service Seals Viton® / Carbon Graphite

- Use these seals in spas or in applications using salt chlorine generators, ozonators, or hydrogen peroxide based sanitizers.
- These seals offer better resistance to abrasion, heat and chemicals.

### Premium Seals Buna / Graphitic Plastic

- These seals are the industry standard for general pool applications.
- They are NOT RECOMMENDED for spas, ozonators or salt chlorine generators.

## PTFE or Silicone Based Lubricants Destroy Seals



## Stop Using the WRONG LUBRICANT



Our U.S. SEALUBE is a water based formula specifically designed to lubricate rubber, making the installation of mechanical seals fast and easy.

It provides a high degree of lubricity to all rubber components.

It maintains its wetness for a short period of time. But unlike PTFE or silicone based lubricants which penetrate the elastomer

and never allow the elastomer to grip the shaft or bore, U.S. SEALUBE evaporates.

Once the evaporation takes place, the component is 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.

Install mechanical seals like a Pro. Use only U.S. SEALUBE.



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

# SCS - SILICON CARBIDE SEALS for POOL & SPA PUMPS

For Your Most Demanding Commercial and Residential Applications

SCS Series	PS-1900	PS-1901	PS-1902	PS-1903	PS-1904	PS-1905	PS-1906	PS-1907	PS-1908	PS-1909	PS-1910	PS-1911
Ozone / Salt	PS-3866	PS-3867	PS-3868	PS-3864	PS-3986	PS-3865R	PS-3869	PS-4280	PS-201V-CMS	PS-3874	PS-4104	PS-7497V
Premium Seal	PS-100	PS-200	PS-201	PS-501	PS-601	PS-1000	PS-2131	PS-3890	PS-201	PS-360	PS-416A	PS-7497
Value Guard	VG-100	VG-200	VG-201	VG-501	VG-601	VG-1000	VG-2131	—	VG-201	VG-360	VG-416A	VG-7497

## SILICON CARBIDE SEALS

- ◆ Why risk damage to your expensive variable speed motors?
- ◆ Best choice when using salt chlorine generators, ozonators, or hydrogen peroxide based sanitizers
- ◆ Silicon Carbide, Viton®, and Stainless Steel
- ◆ Superior abrasion, corrosion, and chemical resistance
- ◆ Compatible with all pool and spa chemicals



PS-1904



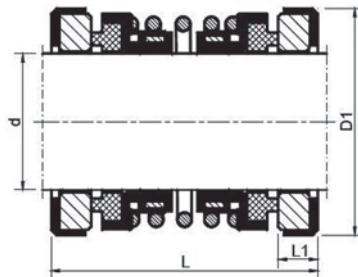
PS-1906

## AQUASCAPE PUMP REPLACEMENT SEALS

Used In Decorative Ponds and Waterfalls

All Dimensions are in Millimeters

Value Guard Part No.	Seal Type	Material Code	d Seal Size	D1 Mating Ring Bore	L Oper. Hgt.	L1 Mating Ring Thk.
VGM-2966	VGMH	VCFLF / VLFLF	12	25	30.3	5
VGM-2967	VGMH	VCFLF / VLFLF	12	26	30.3	5
VGM-2968	VGMH	VCFLF / VLFLF	12	28	30.3	5
VGM-2969	VGMH	VCFLF / VLFLF	14	26	38.3	5
VGM-2970	VGMH	VCFLF / VLFLF	14	28	38.3	5
VGM-2971	VGMH	VCFLF / VLFLF	14	30	38.3	5



Type VGMH

## POOL & SPA PUMP REPLACEMENT SEALS

Pump Mfg.	Pump Model	Mfg. No.	Seal Size	SCS Series	Ozone / Salt	Premium Seal	Value Guard
<b>Acura Spa Systems, Inc.</b>	Aquaheat	1090-A	3/4	PS-1905	PS-3865R	PS-1000	VG-1000
	Aquaheat Plus	1090-A	3/4	PS-1905	PS-3865R	PS-1000	VG-1000
	Magnaflow	1090-A	3/4	PS-1905	PS-3865R	PS-1000	VG-1000
	Magnaflow 56	1090-A	3/4	PS-1905	PS-3865R	PS-1000	VG-1000
	Maverick	1090-A	3/4	PS-1905	PS-3865R	PS-1000	VG-1000
	Supercharger	1090-A	3/4	PS-1905	PS-3865R	PS-1000	VG-1000
	Supercharger II	1090-A	3/4	PS-1905	PS-3865R	PS-1000	VG-1000
<b>American Products</b>	Americana®	395005	3/4	PS-1902	PS-3868	PS-201	VG-201
	Americana II®	397012	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	Bronze-Bronze	397012	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	Bronze-Noryl®	395005	3/4	PS-1902	PS-3868	PS-201	VG-201
	Eagle®	397012	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	Eagle®	397020	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	Maxim™	397012	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	Power-Glass®	397012	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
Ultra-Flo®	397020	5/8	PS-1905	PS-3865R	PS-1000	VG-1000	
<b>Ampro-Diaclear</b>	Dia Cast	AP-504D	1/2	—	—	PS-163	VG-163
	Dura-Flo®	AP-304D	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	Lexan®-200 Series	AP-504D	1/2	—	—	PS-163	VG-163
	Noryl® Turbo	AP-304D	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	XL 600	AP-304D	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
<b>Anthony &amp; Sylvan</b>		04380	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
		04547	5/8	PS-1900	PS-3866	PS-100	VG-100
<b>Arneson Products</b>	Pool Sweep	A-8	5/8	PS-1901	PS-3867	PS-200	VG-200
<b>Astral Pool</b>	Astramax	Series 1600	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	Sena	Series 1800	5/8	PS-1901	PS-3867	PS-200	VG-200
<b>Baker-Hydro (Div. of Waterco)</b>		35B1178	5/8	PS-1901	PS-3867	PS-200	VG-200
	634016	—	3/4	PS-1904	PS-3986	—	—
<b>Columbia</b>			1/2	—	—	PS-142	VG-142
<b>Diaclear</b>		36100	1/2	—	—	PS-142	VG-142
<b>Doughboy Industries</b>		306-1002	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
		306-1006	5/8	PS-1901	PS-3867	PS-200	VG-200
<b>Gecko Alliance, Inc.</b>	A-Series	92500050	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	A & B Series	92509040	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	AC-Series	92500000	7/8	—	—	PS-309	VG-309
	C-Series	92500050	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	D-Series	92500040	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	D-Series	92500050	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	Circ-Master®	92500151	5/8	PS-1901	PS-3867	PS-200	VG-200
	Dominator®						
	High Head / Med Head	92500150	5/8	PS-1901	PS-3867	PS-200	VG-200
	-Pre 1995	92500050	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	Flo-Master®	91049000	5/8	PS-1906	PS-3869	PS-2131	VG-2131
	Flo-Master®	92500150	5/8	PS-1901	PS-3867	PS-200	VG-200
	Pond-Flo	92500151	5/8	PS-1901	PS-3867	PS-200	VG-200
	Tub-Master®	91049000	5/8	PS-1906	PS-3869	PS-2131	VG-2131
Tub-Master®	92500150	5/8	PS-1901	PS-3867	PS-200	VG-200	
<b>Hayward Industries</b>	Cast Iron	SPX1250XZ2	5/8	PS-1901	PS-3867	PS-200	VG-200
	Max-Flo®	SPX1600Z2	3/4	PS-1902	PS-3868	PS-201	VG-201
	Max-Flo II®	SPX2700SA	5/8	PS-1901	PS-3867	—	—
	NorthStar™	SP4000SA	5/8	PS-1907	PS-4280	PS-3890	—
	Power-Flo II™	SPX1500KA	5/8	PS-1906	PS-3869	PS-2131	VG-2131
	Power-Flo LX™	SPX1500KA	5/8	PS-1906	PS-3869	PS-2131	VG-2131
	Power-Flo Matrix™	SPX1500KA	5/8	PS-1906	PS-3869	PS-2131	VG-2131
	Super Pump®	SPX1600Z2	3/4	PS-1902	PS-3868	PS-201	VG-201
	Super Pump II™	SPX1600Z2	3/4	PS-1902	PS-3868	PS-201	VG-201
	Tri Star®	SPX3200SA	5/8	PS-1907	PS-4280	PS-3890	—
	Turbo-Flo®	SPX1500KA	5/8	PS-1906	PS-3869	PS-2131	VG-2131

## POOL & SPA PUMP REPLACEMENT SEALS

Pump Mfg.	Pump Model	Mfg. No.	Seal Size	SCS Series	Ozone / Salt	Premium Seal	Value Guard
<b>Jacuzzi (Div. of Sta-Rite Industries)</b>	8M	10-1203-01	3/4	—	PS-877	PS-877	VG-877
	10M	10-1299-06	1	—	PS-235	PS-235	VG-235
	Cygnat	10-0002-06	5/8	PS-1901	PS-3867	PS-200	VG-200
	A, J, JCM Series	10-0002-06	5/8	PS-1901	PS-3867	PS-200	VG-200
	K, KM Series	10-0002-06	5/8	PS-1901	PS-3867	PS-200	VG-200
	LCM-Series	10-1436-00	5/8	PS-1901	PS-3867	PS-200	VG-200
	LCU-Series	10-1436-00	5/8	PS-1901	PS-3867	PS-200	VG-200
	LR-Series	10-0002-06	5/8	PS-1901	PS-3867	PS-200	VG-200
	Magnum®	10-1502-09	3/4	PS-1902	PS-3868	PS-201	VG-201
	RC-Series	10-1502-09	3/4	PS-1902	PS-3868	PS-201	VG-201
Vector (LVL)	10-0002-06	5/8	PS-1901	PS-3867	PS-200	VG-200	
<b>Jandy (Div. of Zodiac Pool Systems)</b>	FHP, JEP	R0479400	5/8	PS-1907	PS-4280	PS-3890	—
	MHP, PHP	R0479400	5/8	PS-1907	PS-4280	PS-3890	—
	SHP, SWF, WFTR	R0479400	5/8	PS-1907	PS-4280	PS-3890	—
	HHP, HHPU, MHP, MHPU	R0338200	3/4	PS-1904	PS-3986	PS-601	VG-601
	PHPF New & Old Style and PHPM	R0445500	5/8,3/4	—	PS-4231*	—	—
* Contains PS-4280 and PS-3868	PB4-60	P55	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	PB4-60Q	P84-3	5/8	PS-1907	PS-4280	PS-3890	—
<b>Lomart</b>		40-027	1/2	—	—	PS-163	VG-163
		40-029	1/2	—	—	PS-163	VG-163
<b>Marlow</b>	2AF-Series	25353-00	5/8	—	—	PS-411	VG-411
	3B-Series	27223-00	1-1/4	—	—	PS-416A	VG-416A
	4SPC	28146200000	1-5/8	—	PS-7497V	—	—
	Argonaut®	38592-00	3/4	PS-1902	PS-3868	PS-201	VG-201
	L-Series	186862	1-1/4	—	—	PS-978	VG-978
	L-Series	186543	1-5/8	—	—	PS-514	VG-514
	Mardur®	38592-00	3/4	PS-1902	PS-3868	PS-201	VG-201
SCT Series SS	46328-00	5/8	—	—	PS-2161	—	
<b>Muskin</b>		09-2001	1/2	—	—	PS-163	VG-163
		09-2013	1/2	—	—	PS-142	VG-142
<b>Pac Fab (Pentair Pool)</b>	AH Series™	071728	3/4	PS-1902	PS-3868	PS-201	VG-201
<b>Premier</b>	120T Series	31-812	3/4	PS-1902	PS-3868	PS-201	VG-201
	220/225 Series Pre 1988	31-813	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	225/255 MKII Series	31-812	3/4	PS-1902	PS-3868	PS-201	VG-201
	300/325/355 Series	31-812	3/4	PS-1902	PS-3868	PS-201	VG-201
	455/456 Series	31-813	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	500/600 Series	31-813	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	725/756 Series	31-812	3/4	PS-1902	PS-3868	PS-201	VG-201
<b>Purex / Hydrotech</b>	Aquatron®	071733	5/8	PS-1903	PS-3864	PS-501	VG-501
	Challenger®	354545	5/8	PS-1901	PS-3867	PS-200	VG-200
	C-Series®	071725	1	PS-1909	PS-3874	PS-360	VG-360
	Dynamite®	354545	5/8	PS-1901	PS-3867	PS-200	VG-200
	Dynamo®, Dynatron®	354545	5/8	PS-1901	PS-3867	PS-200	VG-200
	Hydropump®	354001	3/4	PS-1902	PS-3868	PS-201	VG-201
	L-Series™	17351-0102	5/8	PS-1900	PS-3866	PS-100	VG-100
	L-Series™	071728	3/4	PS-1902	PS-3868	PS-201	VG-201
	Pinnacle®	354545	5/8	PS-1901	PS-3867	PS-200	VG-200
	Whisperflo®	071734	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
<b>Speck Pumps</b>		2920343310	20MM	—	—	—	VGM-2920
		2920060603	5/8	PS-1901	PS-3867	PS-200	VG-200
		60603-200	5/8	PS-1901	PS-3867	PS-200	VG-200
<b>Sta-Rite Industries</b>	AJ Series	U109-93SS	5/8	PS-1900	PS-3866	PS-100	VG-100
	CC/C Series	U109-433SS	1-1/4	—	—	PS-185	VG-185
	Pre August 2000	U109-220	1-1/4	—	—	PS-185	VG-185
	CF/CFA Series	U109-136SS	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	CSPH/CCSPH Series	S-32014	1-1/4	—	—	PS-185	VG-185
	CSPH/CCSPH Series	S-32015	1-3/4	—	—	PS-446	VG-446

## POOL & SPA PUMP REPLACEMENT SEALS

Pump Mfg.	Pump Model	Mfg. No.	Seal Size	SCS Series	Ozone / Salt	Premium Seal	Value Guard
<b>Sta-Rite Industries (continued)</b>	D Series	U109-433SS	1-1/4	—	—	PS-185	VG-185
	Pre August 2000	U109-220	1-1/4	—	—	PS-185	VG-185
	DJ/JS/JT Series	37400-0027S	3/4	PS-1908	PS-201V-CMS	PS-201	VG-201
	Pre January 2001	U109-358SS	3/4	PS-1908	PS-201V-CMS	PS-201	VG-201
	Dura-Glas® Pre 1998	U109-93SS		PS-1900	PS-3866	PS-100	VG-100
	Dura-Glas® Series						
	PE, PEA, P2R, P2RA	17304-0100	5/8	PS-1901	PS-3867	PS-200	VG-200
	Dura-GlasII® Pre 1998	U109-372SS	3/4	PS-1908	PS-201V-CMS	PS-201	VG-201
	Dura-GlasII®	U109-358SS	3/4	PS-1908	PS-201V-CMS	PS-201	VG-201
	Dura-GlasII® Series						
	P4E, P4EA, P4R, P4RA	37400-0027S	3/4	PS-1908	PS-201V-CMS	—	—
	Dura-GlasII® Series						
	P4E, P4EA, P4R, P4RA	37400-0028S	3/4	PS-1908	PS-201V-CMS	—	—
	Dura-Jet	U109-358SS	3/4	PS-1908	PS-201V-CMS	PS-201	VG-201
	After January 2001	37400-0027	3/4	PS-1908	PS-201V-CMS	PS-201	VG-201
	Dyna-Glas®/ Dyna-Max®	U109-358SS	3/4	PS-1908	PS-201V-CMS	PS-201	VG-201
	After June 2000	37400-0027S	3/4	PS-1908	PS-201V-CMS	PS-201	VG-201
	Dyna-Jet™	17351-0101S	3/4	PS-1908	PS-201V-CMS	PS-201	VG-201
	HP-Series	U109-136SS	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
	JW/JWPA Series	U109-358SS	3/4	PS-1908	PS-201V-CMS	PS-201	VG-201
	After January 2001	37400-0027S	3/4	PS-1908	PS-201V-CMS	PS-201	VG-201
	LT Series	U109-68SS	1/2	—	—	PS-163	VG-163
	Max-E-Glas® Pre 1998	U109-93SS	5/8	PS-1900	PS-3866	PS-100	VG-100
	Max-E-Glas® Series						
	PE, PEA, P2R, P2RA	17304-0100	5/8	PS-1901	PS-3867	PS-200	VG-200
	Max-E-GlasII®	U109-358SS	3/4	PS-1908	PS-201V-CMS	PS-201	VG-201
	Max-E-GlasII®	U109-372SS	3/4	PS-1908	PS-201V-CMS	PS-201	VG-201
	Max-E-GlasII® Series						
	P4E, P4EA, P4R, P4RA	37400-0027S	3/4	PS-1908	PS-201V-CMS	PS-201	VG-201
	Max-E-GlasII® Series						
	P4E, P4EA, P4R, P4RA	37400-0028S	3/4	PS-1908	PS-201V-CMS	—	—
	Max-E-Pro™ Series						
P6E, P6RA	37400-0028S	3/4	PS-1908	PS-201V-CMS	—	—	
PLBC Series	17351-0102S	5/8	PS-1900	PS-3866	PS-100	VG-100	
PLBC Series Pre 1995	U109-93SS	5/8	PS-1900	PS-3866	PS-100	VG-100	
SuperMax	354545 S	5/8	PS-1901	PS-3867	PS-200	VG-200	
<b>Swim Quip</b>	XL, VI/XL, VII Series	37407-0009	3/4	PS-1908	PS-201V-CMS	PS-201	VG-201
<b>Vico</b>	SuperFlo UltraFlo, Ultima	PPSFSEAL	3/4	—	PS-3870	—	—
<b>Water Ace</b>	RSP-7,10,15	25053A000	5/8	—	—	PS-3845	—
<b>Waterco USA</b>	Supatuf	6340162	3/4	PS-1904	PS-3986	—	—
<b>Waterway Plastics</b>		319-3100B	5/8	PS-1905	PS-3865R	PS-1000	VG-1000
		811-4000A	3/8	—	—	PS-671	—
<b>Wayne Water Systems</b>		15693	3/4	PS-1902	PS-3868	PS-201	VG-201

## SEAL INSTALLATION LUBRICANT

Our U.S. SEALUBE is a water based formula specifically designed to lubricate rubber, making the installation of mechanical seals fast and easy.

It provides a high degree of lubricity to all rubber components.

It maintains its wetness for a short period of time. But unlike PTFE or silicone based lubricants which penetrate the elastomer and never

allow the elastomer to grip the shaft or bore, U.S. SEALUBE evaporates.

Once the evaporation takes place, the component is 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.

Install mechanical seals like a Pro. Use only U.S. SEALUBE.



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

# MATERIAL RECOMMENDATION CHART

FLUID	SEAL FAMILY		ARRANGEMENT	SECONDARY SEALS				SEAL FACES						METAL PARTS		
	NON-PUSHER	PUSHER		BUNA	VITON®	EPR	PTFE	CARBON	CAST IRON/NIRESSIST	CERAMIC	TC	RB 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	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓

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# 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
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	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓

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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/ NIPRESIST	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	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Maleic 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			✓	✓	✓		✓	✓	✓	✓	✓	✓	

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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/NIRESSIST	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			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓

CONTINUED NEXT PAGE

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/ NIPRESIST	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:** THIS CHART IS 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.

# SEAL INSTALLATION LUBRICANT

## USING THE WRONG SEAL INSTALLATION LUBRICANT WILL DESTROY YOUR SEALS

### 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.

### HOW DOES THIS HAPPEN?

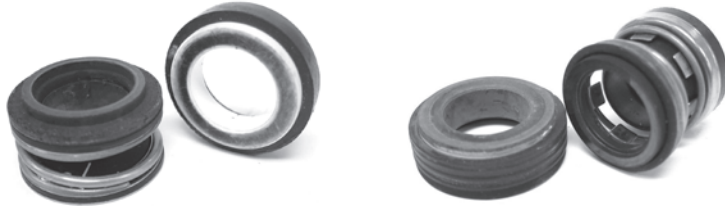
During installation, chances are the installation lubricant will come in contact with sealing faces.

Once a PTFE or silicone based product touches the seal faces, it is nearly impossible to remove.

When the pump is started, the

PTFE or silicone draws the carbon from the primary ring, and smears this material on the face of the mating ring, causing a build-up which eventually destroys the seal.

Protect your seals from this certain death. Use only U.S. SEALUBE for your seal installations. ◆



PTFE or Silicone Based Lubricants Destroy Seals



#### U.S. SEALUBE

Part No.	Available In
LUBE-PP	1cc Pillow Pak
LUBE-10 ML	10 ml Tube
LUBE-4OZ	4 oz. Bottle
LUBE-8OZ	8 oz. Bottle

### HOW CAN THIS BE PREVENTED?

Our U.S. SEALUBE is a water based formula specifically designed to lubricate rubber, making the installation of mechanical seals fast and easy.

It provides a high degree of lubricity to all rubber components.

It maintains its wetness for a short period of time. But unlike PTFE or silicone based lubricants which penetrate the elastomer and

never allow the elastomer to grip the shaft or bore, U.S. SEALUBE evaporates.

Once the evaporation takes place, the component is 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.

Install mechanical seals like a Pro. Use only U.S. SEALUBE. ◆

# 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.



Visit Our Website

Scan to visit our website  
to view videos of  
Pool and Spa Seal  
Installations  
(English and Spanish  
versions available)

**U.S. SEALUBE**  
**Available in:**

**LUBE-PP (1cc Pillow Pak), LUBE-10ML (10ml Tube),  
LUBE-4OZ (4 oz. Bottle), and 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.	OD	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	BCFJF		PS-4055
A	1.062	.656	1	1.000	.312	BMDJF		PS-114
C	.812	.812	3	.875	.312	VCFJF		PS-1064V
<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	.718	1	1.175	.240	QCFJF		PS-3578EPR
C	.875	.718	1	1.175	.240	VCFJF		PS-3578V
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	QCFJF		PS-4061
G	.866	.769	1	1.181	.281	QCFJF		PS-4062
G	.866	.769	1	1.181	.281	VCFJF		PS-4063
<b>.472 (12MM)</b>								
G	22MM	15MM	1	23MM	6MM	QCFLF		PS-4225
G	22MM	15MM	1	26MM	5MM	BLFLF		PS-3000
<b>.500 (1/2")</b>								
A	1.062	.656	—	—	—	BMF-F		PS-298
A	1.062	.656	1	1	.290	BMFKF		PS-506
A	1.062	.656	1	1	.312	BCFJF		PS-3225
A	1.062	.656	1	1	.312	BMFJF		PS-162
B	1.125	.547	—	—	—	BCF-F		PS-4218
B	1.125	.547	—	—	—	BMF-F		PS-150
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
C	—	—	1	.938	.225	B--J-		PS-400A
C	.922	.605	Special	1.360	.300	BCFGF		PS-2138
C	.922	.750	1	1.000	.312	BCFKF		PS-3583
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		PS-400
C	.937	.718	—	—	—	VCF-F		PS-400V
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

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>.500 (1/2") (continued)</b>								
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	.812	—	—	—	BCF-F		PS-1050
C	.937	.812	—	—	—	BCF-F	N	PS-401
C	.937	.812	—	—	—	BCF-F	I/N	PS-401-P66
C	.937	.812	—	—	—	VCF-F		FA-10033
C	.937	.812	—	—	—	VCF-F	N	PS-401V
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		PS-3052
C	.937	.812	1	.938	.225	VCFJF		PS-1012V
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	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	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		PS-3568
G	.945	.656	3	1.000	.312	BCFJF		PS-3003
G	.945	.812	1	1.000	.312	BCFJF		PS-4180
G	.945	.812	1	1.000	.312	BLFLF		PS-3909
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	.906	.218	BCFKF		PS-3033
Q	1.125	.408	9	—	.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
W Special	.937	1.109	Special	1.193	.656	TCPKF		PS-9320
X	1.031	.812	3	1.000	.312	VCFKF	316SS	PS-3800
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
C	1.062	.812	—	—	—	BCF-F		PS-928

**NOTE:** A. MOUNTS ON SHAFT  
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.	OD	Thick			
<b>.590 (15MM)</b>								
C	1.062	.875	1	1.250	.406	BCFJF		PS-7553
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	BCDJF		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		PS-218
A	1.218	.718	—	—	—	BMF-F		PS-299
A	1.218	.718	31	—	—	BMFJF	G	PS-2131
A	1.218	.718	31	—	—	VCFJF	G	PS-2131V
A	1.218	.718	1	—	.562	BCFJF	G	PS-2172
A	1.218	.718	14	.815	.312	BMFKF		PS-293
A	1.218	.718	14	.815	.312	QCFKF		PS-293-EPR
A	1.218	.718	14	.815	.312	VCFKF		PS-293V
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	BMFJF		PS-4470
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



## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>.625 (5/8") (continued)</b>								
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	.734	1	1.187	.296	VLFLF		PS-3977
A	1.218	.811	1	1.187	.288	BCFKF		PS-955
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	BCFJF		PS-952
A	1.218	.811	1	1.250	.406	BCFJF	I	PS-952-P66
A	1.218	.811	1	1.250	.406	BCFKF		PS-954
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	VLFLF		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	VCFKF		PS-954V-CMS
B	1.437	.603	1	1.250	.406	VLFLF		PS-3741
B	1.437	.615	—	—	—	BCF-F		PS-882
B	1.437	.615	—	—	—	BMF-F		PS-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	VLFSF		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	9	1.109	.213	QCFJF	A	PS-4479
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	1.237	.522	VLFLF		PS-3106
B	1.437	.615	1	1.250	.125	VLFLF		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	BCFKF		PS-964

**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.	OD	Thick			
<b>.625 (5/8") (continued)</b>								
B	1.437	.615	1	1.250	.406	BLFLF		PS-4158
B	1.437	.615	1	1.250	.406	BMFJF		PS-1000
B	1.437	.615	1	1.250	.406	BMFKF		PS-1152
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-3212
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	1.440	.425	Special	1.030	—	BMFSF		PS-4403
B	1.637	.753	8	1.299	.213	BMFJF		PS-3845
C	1.046	.859	25	1.042	.312	VLFLF		PS-4310
C	1.046	.859	1	1.187	.296	QLFLF	316SS/H	PS-3707
C	1.046	.859	1	1.187	.296	VCFLF		PS-4031
C	1.046	.859	1	1.187	.296	VLFLF		PS-3613
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-4222
C	1.046	.859/.734	1	1.187	.296	QCFLF	316SS/H	PS-3201
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	1	1.250	.406	BCFJF		PS-3906
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	QCFKF		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		PS-933
C	1.062	.875	—	—	—	VCF-F		PS-933V
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	BCFLF		PS-3747
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	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

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>.625 (5/8") (continued)</b>								
C	1.062	.875	3	1.187	.343	VCFJF		PS-118V
C	1.062	.875	3	1.250	.312	VCFKF		PS-4442
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	H	PS-3915
C	1.062	.875	1	1.250	.406	BCFJF	I	PS-359-P66
C	1.062	.875	1	1.250	.406	BCFJF	I/N	PS-290-P66
C	1.062	.875	1	1.250	.406	BCFJF	N	PS-290
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	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	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	I/N	PS-290V-P66
C	1.062	.875	1	1.250	.406	VCFJF	N	PS-290V
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	VRFJF		PS-7524V-P90
C	1.062	.875	1	1.250	.406	VRFRF		PS-3550
C	1.062	.875	1	1.250	.406	VZFZF		PS-6216
C	1.062	.875	3	1.250	.406	BCFJF		PS-552
C	1.062	.875	3	1.250	.406	BCFKF		PS-732
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	QCFZF	I	PS-4358
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	3	1.250	.406	VZFLF		PS-633V-TC-SC
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/N	PS-4356
C	1.093	.718	1	1.250	.406	QCFKF	I	PS-7689
C	1.093	.718	1	1.250	.406	VCFKF	I	PS-3121
C	1.187	.875	1	1.375	.406	VCFJF		PS-626
C	1.312	.937	1	1.250	.406	BCFJF	B	PS-1618
C	1.312	.937	1	1.250	.406	V/BCFJF	B	PS-1085
C	1.312	.937	1	1.250	.406	VCFJF	B	PS-1085V
C	1.312	.937	3	1.250	.406	BCFKF	B	PS-2149

**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.	OD	Thick			
<b>.625 (5/8") (continued)</b>								
D	1.312	.875	—	—	—	BCD-F		PS-109
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	.288	BCFKF		PS-2007
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	1.312	.875	3	1.250	.406	BCFJF		PS-2002
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	1.312	.875	3	1.250	.406	VCDKF		PS-102V
D	1.375	.875	3	1.250	.406	BCDLF		PS-3677
D	1.375	.875	3	1.250	.406	VCFZF		PS-4375
E	1.093	1.312	1	1.187	.288	BCDKF		PS-486
E	1.093	1.312	3	1.187	.288	BCDJF		PS-748
E	1.093	1.312	1	1.187	.343	BCDJF		PS-485
E	1.093	1.312	1	1.187	.343	BCFJF		PS-2020
E	1.093	1.312	1	1.187	.343	BCFKF		PS-2021
E	1.093	1.312	3	1.187	.343	BCFJF		PS-2022
E	1.093	1.312	3	1.187	.343	BCFKF		PS-2023
E	1.093	1.312	2	1.250	.343	BCDKF		PS-1158
E	1.093	1.312	1	1.250	.406	BCDJF		PS-274
E	1.093	1.312	1	1.250	.406	BCDKF		PS-487
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	BCDJF		PS-739
E	1.093	1.312	3	1.250	.406	BCDV/KF		PS-738
E	1.093	1.312	3	1.250	.406	BCFJF		PS-3148
E	1.093	1.312	3	1.250	.406	BCFKF		PS-2015
E	1.093	1.312	3	1.250	.406	VCDJF		PS-274V
G	1.024	.718	1	—	—	VLFLF	316SS/G	PS-1906
G	1.024	.718	1	1.187	.296	BCFJF	316SS	PS-4404
G	1.024	.718	1	1.187	.296	QLFLF		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		PS-3586
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	VCFJF	G	PS-3869
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	3	1.250	.406	VLFLF	316SS	PS-3005

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>.625 (5/8") (continued)</b>								
G	1.024	.718	1	1.381	.406	VCFJF		PS-4280
G	1.024	.718	31	Special	—	BCFJF	G	PS-4275
G	1.024	.734	1	1.381	.406	BCFJF		PS-3890
G	1.024	.734	1	1.381	.406	VCFLF	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	1.260	.718	3	1.375	.406	VCFJF		PS-3107
K	1.047	1.030	1	1.178	.156	VCFJF		PS-3885
K	1.062	1.187	—	—	—	BCF-F		PS-678
S	1.312	1.395	8	1.187	.125	NAPSP		PS-795
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	3	1.312	.406	QRFRF		PS-9309
WA	1.441	.622	Special	1.203	.484	TCFJF	316SS	PS-7250
W Special	1.437	.622	2	1.250	.390	TCFJF		PS-3962
WT	1.082	.937	Special	1.490	.625	TCFOF	316SS	PS-9322
Special	1.251	.718	1	1.250	.406	QC-J-		PS-5625
<b>.687 (11/16")</b>								
Q	1.593	.433	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		PS-974
A	1.343	.718	—	—	—	BMF-F		PS-1522
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	VCFJF		PS-201V
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	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		PS-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	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

NOTE: A. MOUNTS ON SHAFT  
G. MOUNTS IN PLASTIC

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>.750 (3/4") (continued)</b>								
B	1.575	.615	3	1.375	.406	VCFJF		PS-601V
B	1.575	.615	3	1.375	.406	VLFLF	316SS	PS-3104
B	1.575	.615	11	1.375	.406	BCFJF		PS-7618
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		PS-3156
C	1.187	.656	2	1.562	.312	VCFKF		PS-5108
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	BCFKF		PS-1113
C	1.187	.718	1	1.375	.406	BCFKF		PS-3654
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	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	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	VLZFZ		PS-2235-SC-TC
C	1.187	.718	1	1.437	.406	BCFJF		PS-7514
C	1.187	.718	1	1.375	.406	BCFKF		PS-1160
C	1.187	.718	1	1.437	.406	VLFLF		PS-7514V-SC-SC-CMS
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		PS-157
C	1.187	.875	1	1.275	.281	BCFJF		PS-3840
C	1.187	.875	1	1.312	.406	BCFJF		PS-1514
C	1.187	.875	1	1.312	.406	VCFJF		PS-1514V
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	.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	QCFLF		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

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>.750 (3/4") (continued)</b>								
C	1.187	.875	3	1.375	.406	B/VCFJF		PS-767
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	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	316SS	PS-4465
C	1.187	.875	3	1.375	.406	VCFJF	I	PS-358V-P66
C	1.187	.875	3	1.375	.406	VCFKF		PS-112V
C	1.187	.875	3	1.375	.406	VFLFLF		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	.906	20	Plate	Plate	NCPGP		PS-182
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		PS-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		PS-399
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	QCDJF		PS-750-EPR
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	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	VFLFLF		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
E	1.218	1.250	3	1.187	.406	VCFKF		PS-7994
E	1.218	1.250	1	1.375	.406	QCFKF		PS-4484
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	VCPKF		PS-7960
G	1.035	.812	1	1.375	.406	BCFJF		PS-4020
G	1.260	.718	1	1.375	.406	BCFJF		PS-4265
G	1.260	.718	1	1.375	.406	BLFLF		PS-3740
G	1.260	.718	1	1.375	.406	VCFJF		PS-3868
G	1.260	.718	1	1.375	.406	VFLFLF		PS-3056
G	1.260	.718	1	1.375	.406	VFLFLF	316SS	PS-1902

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>.750 (3/4") (continued)</b>								
G	1.260	.718	25	1.375	.406	VLFLF		PS-3105
G	1.260	.718	1	1.375/1.750	.406	VCFJF		PS-3870
G	1.260	.718	32	1.375/1.750	—	BCFJF	G	PS-4274
G	1.260	.875	1	1.275	.281	QLFLF		PS-4024
G	1.260	.875	1	1.375	.406	BLFLF		PS-3937
G	1.535	.787	3	1.375	.406	VCFJF		PS-3788
K	1.187	1.187	—	—	—	BCF-F		PS-145
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
K	1.187	1.187	3	1.375	.406	VCFJF		PS-3214
S	1.625	1.953	8	1.500	.250	NAPSP		PS-792
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 Special	1.312	.875	5	1.375	.406	QCFZF	316SS	PS-8101
<b>.787 (20MM)</b>								
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	I	PS-614
D	1.562	.937	1	1.500	.406	BCFKF	I	PS-3135
D	1.562	.937	3	1.500	.406	VCFKF		PS-614V
<b>.875 (7/8")</b>								
C	1.187	.875	1	1.500	.406	BLFLF		PS-3911
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-7498
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	3 Special	1.500	.468	VCFGF		PS-3893
C	1.312	.919	1	1.500	.406	VCFLF		PS-3996
C	1.312	.937	—	—	—	BCF-F		PS-208
C	1.312	.937	—	—	—	VCF-F		PS-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



## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>.875 (7/8") (continued)</b>								
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
C	1.312	.937	1	1.500	.406	VLFLF		PS-3941
C	1.312	.937	3	1.500	.406	BCFJF		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	VCFKF		PS-687V
C	1.312	.937	3	1.500	.406	VLFLF		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
D	1.562	.937	—	—	—	BCD-F		PS-578
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	VCDKF		PS-303V-CMS
D	1.562	.937	1	1.500	.406	VCFJF		PS-703V-CMS
D	1.562	.937	1	1.500	.406	VLFLF	316SS	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	NCFLF		PS-4318
D	1.562	.937	3	1.500	.406	VCDKF		PS-303V
D	1.562	.937	3	1.500	.406	VCDZF		PS-303V-TC-SEAT
D	1.562	.937	3	1.500	.406	VCFJF		PS-703V
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	1	1.562	.406	BCDJF		PS-602
D	1.562	.937	1	1.562	.406	BCDKF		PS-603
DB	1.625	1.250	—	—	—	XCF-F		FA-4408
E	1.406	1.375	—	—	—	BCF-F		PS-936
E	1.406	1.375	3	1.312	.406	VCFKF	316SS	PS-7859V
E	1.406	1.375	1	1.500	.406	BCFJF		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		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		PS-776
E	1.406	1.375	3	1.500	.406	BCFKF		PS-229
E	1.406	1.375	3	1.500	.406	VCEZE		PS-7896
E	1.406	1.375	3	1.500	.406	VCFJF		PS-188V
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	—	—	—	BCF-F		PS-197
K	1.281	1.250	1	1.500	.406	BCFJF		PS-892
K	1.281	1.250	1	1.500	.406	BCFKF		PS-878

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>.875 (7/8") (continued)</b>								
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	2	1.500	.406	TCFJF	316SS	PS-9009
X	1.437	.937	3	1.500	.406	BLFLF	316SS	PS-8065
<b>.937 (15/16")</b>								
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
D	1.750	1.000	1	1.625	.437	BCFKF	H/I	PS-3900
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
<b>1.000 (1")</b>								
A	1.687	.812	—	—	—	BCF-F		PS-975
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		PS-778
A	1.687	.812	3	1.625	.437	VCFJF		PS-360V
A	1.687	.812	27	1.625	.625	B/VCFJF		PS-405
A	1.687	.812	3	2.000	.406	BCFJF		PS-1086
B	1.625	.874	1	1.625	.437	BCDJF		PS-1619
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	1.687	.812	—	—	—	BCF-F		PS-1095
C	1.687	.812	1	1.625	.437	BCFJF		PS-7434
C	1.687	.812	1	1.625	.437	QCFLF		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	.834	1	1.625	.406	BCFKF		PS-1123
C	1.687	.834	1	1.625	.406	BZFZF		PS-1123-TC-TC
C	1.687	1.000	—	—	—	BCF-F		PS-397
C	1.687	1.000	—	—	—	NCF-F		PS-397-NEOPRENE
C	1.687	1.000	—	—	—	VCF-F		PS-397V
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	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

**NOTE:** 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.	OD	Thick			
<b>1.000 (1") (continued)</b>								
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	QCFJF		PS-235-EPR
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	VLFLF		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		PS-548
C	1.687	1.000	3	1.625	.437	BCFKF		PS-499
C	1.687	1.000	3	1.625	.437	BCFKF		PS-3220
C	1.687	1.000	3	1.625	.437	QCFKF		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		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		PS-357V
C	1.687	1.000	3	1.625	.437	VCFKF	B/H	PS-248V
C	1.687	1.000	3	1.625	.437	VCFLF	I	PS-3807
C	1.687	1.000	27	1.625	.625	BCFJF		PS-413
C	1.687	1.000	27	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	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	1.312	1	1.625	.437	BCFJF	B	PS-4359
C	1.687	1.562	1	1.625	.437	BCFKF		PS-982
C	1.687	1.562	1	1.625	.437	VCFJF		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	BCPLF		PS-6326
D	1.750	1.000	3	1.625	.312	NCPKF		PS-6329
D	1.750	1.000	3	1.625	.312	VCPKF		PS-4137
D	1.750	1.000	3	1.625	.312	VLFZF		PS-4394
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	NCPGP		PS-159
D	1.812	1.000	25	1.625	.500	BCPGP		PS-7991
D	1.812	1.062	—	—	—	BCF-F		PS-398
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		PS-252
D	1.812	1.062	3	1.625	.437	BCFKF	I	PS-252-P66
D	1.812	1.062	3	1.625	.437	QCFKF		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

**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.	OD	Thick			
<b>1.000 (1") (continued)</b>								
D	1.812	1.062	1	1.750	.437	BCFJF		PS-2164
D	1.812	1.062	1	1.750	.437	BCFKF		PS-227
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-4255
E	1.500	1.187	3	1.625	.312	VCFKF		PS-3803
E	1.500	1.187	3	1.625	.437	BCFKF		PS-251
E	1.500	1.562	—	—	—	BCF-F		PS-937
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	B/VCFJF	S	PS-557
E	1.500	1.562	3	1.625	.437	BCFKF		PS-791
E	1.500	1.562	3	1.625	.437	BCPKF		PS-6331
E	1.500	1.562	3	1.625	.437	QCFZF		PS-3129
E	1.500	1.562	3	1.625	.437	QLFLF		PS-4210
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		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	.787	1	1.625	.437	VLFLF		PS-1909
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
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	1.875	1	1.625	.437	BCFKF		PS-3126
Q	1.625	.885	Special	1.625	.312	Special		PS-3120
Q	1.875	.438	2	1.625	.312	BMDAF		PS-6305
Q	1.875	.438	Special	1.625	.312	BMDJF		PS-6306
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	—	—	—	BCF-F		PS-141
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
W	1.562	1.000	2	1.625	.437	TCFKF		PS-9313
W	1.562	1.000	2	1.625	.437	TCFOF	316SS	PS-9334
W	1.562	1.000	27	2.156	.812	TCFJF	316SS	PS-9018
W	1.562	1.000	Special	2.156	.656	TCFJF	316SS	PS-9007
WT	1.437	1.000	—	—	—	TCF-F	316SS	T9-1000

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>1.000 (1") (continued)</b>								
WT	1.437	1.000	27	2.000	.625	TCFZF	316SS	PS-9349
X	1.562	1.000	3	1.625	.437	VCFRF	316SS	PS-8091
X	1.562	1.000	5	1.633	.437	QCFZF	316SS	PS-8116
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		PS-2155
D	1.875	1.062	1	1.750	.437	BCDKF		PS-127
D	1.875	1.062	3	1.750	.437	BCFJF		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	BCFJF		PS-798
E	1.625	1.593	3	1.750	.437	BCFKF		PS-799
E	1.625	1.593	3	1.750	.437	VCFJF		PS-798V
W	1.625	1.000	27	1.812	.437	TCFKF		PS-9338
<b>1.125 (1-1/8")</b>								
C	1.812	1.062	—	—	—	BCF-F		PS-348
C	1.812	1.062	—	—	—	VCF-F		PS-348V
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	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	B/VCFJF		PS-801
C	1.812	1.062	3	1.750	.437	BCFKF		PS-529
C	1.812	1.062	3	1.750	.437	BCFKF	B	PS-588
C	1.812	1.062	3	1.750	.437	QCFKF		PS-529-EPR
C	1.812	1.062	3	1.750	.437	QCFZF	I	PS-2226
C	1.812	1.062	3	1.750	.437	VCFJF		PS-356V
C	1.812	1.062	3	1.750	.437	VCFKF		PS-355V
C	1.812	1.062	3	1.750	.437	VCFLF		PS-355V-SC-SEAT
C	1.812	1.062	3	1.750	.437	VCFLF		PS-3137
C	1.812	1.062	3	1.750	.437	VCFLF	I	PS-529V-SC-P66
C	1.812	1.062	3	1.750	.437	VCFZF		PS-7608
C	1.812	1.062	3	1.750	.437	VLFLF		PS-4037
C	1.812	1.062	3	1.750	.437	VZFZF		PS-4454
C	1.812	1.562	1	1.750	.437	BCFJF		PS-2227

**NOTE:** B. TAPERED SPRING  
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.	OD	Thick			
<b>1.125 (1-1/8") (continued)</b>								
C	1.812	1.562	1	1.750	.437	BCFKF		PS-983
C	1.812	1.562	3	1.750	.437	VCFKF		PS-983V
C	1.812	1.562	3	1.750	.437	VZFZF		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	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		PS-802
D	1.875	1.062	3	1.750	.437	BCFKF		PS-254
D	1.875	1.062	3	1.750	.437	VCFKF		PS-605V
D	1.875	1.062	1	1.875	.437	BCFKF		PS-521
D	1.937	1.062	1	1.750	.437	BLFZF		PS-4223
D	1.937	1.062	3	1.750	.437	VCFZF	I	PS-3712
E	1.625	1.187	3	1.750	.437	BCFKF		PS-253
E	1.625	1.406	3	1.750	.437	VCFJF	316SS/C/I	PS-3060
E	1.625	1.625	—	—	—	BCF-F		FA-607
E	1.625	1.625	—	—	—	VCF-F		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	1.687	.437	VCFJF		PS-607V
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		PS-866
E	1.625	1.625	3	1.750	.437	BCFKF		PS-867
E	1.625	1.625	3	1.750	.437	B/VCFKF		PS-4262
E	1.625	1.625	3	1.750	.437	QCFJF	316SS	PS-4421
E	1.625	1.625	3	1.750	.437	QCFKF		PS-867-EPR
E	1.625	1.625	3	1.750	.437	QCFKF	I	PS-885-EPR-P66
E	1.625	1.625	3	1.750	.437	VCFJF		PS-204V
E	1.625	1.625	3	1.750	.437	VCFKF		PS-867V
E	1.625	1.625	3	1.750	.437	VCFLF		PS-4300
E	1.625	1.625	3	1.750	.437	VCFZF		PS-867V-TC-SEAT
E	1.625	1.625	3	1.750	.437	VLFLF		PS-3856
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	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	2	2.000	.375	BCPKF		PS-7967
E	1.937	1.333	2	2.000	.375	VCPKF		PS-6334
E	1.937	1.333	3	2.000	.375	NCPGF		PS-3653
E	2.000	1.333	3	2.000	.375	QCPKF		PS-3063
EB	1.625	1.937	3	1.625	.437	BCFZF	I	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	—	—	—	BCF-F		PS-215

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>1.125 (1-1/8") (continued)</b>								
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
Special	1.875	1.109	3	1.625	.312	BCKPK		PS-3731
T	1.625	2.125	3	1.750	.437	VCFJF		PS-3511
T	1.625	2.375	3	1.750	.437	BCFJF		PS-886
T	1.625	2.375	3	1.750	.437	BCFKF		PS-918
T	1.625	2.375	3	1.812	.437	BCFJF		PS-1178
U	1.625	1.688	3	1.750	.437	BCFKF		PS-282
U	1.625	1.688	3	1.750	.437	VCFKF		PS-282V
XB2	1.875	1.000	27	2.375	1.000	VCFJF	316SS	PS-8006
W	1.687	1.062	28	2.354	.752	TCFKF	316SS	PS-9328
W	1.687	1.062	28	2.354	.752	Special	316SS	PS-9329
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
WT	1.562	1.000	—	—	—	TCF-F	316SS	T9-1125
<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	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		PS-136V
<b>1.187 (1-3/16")</b>								
C	1.812	.937	1	1.750	.437	BCFJF		PS-4302
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	1.875	.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		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	C	PS-8074
<b>1.250 (1-1/4")</b>								
C	1.799	1.062	1	1.875	.437	VCFJF		PS-5674
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	.906	3 Special	1.875	.437	VCFGF		PS-3945
C	1.937	1.062	—	—	—	BCF-F		PS-154
C	1.937	1.062	—	—	—	VCF-F		FA-10040
C	1.937	1.062	1	1.750	.365	BCFJF	B	PS-3029
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

**NOTE:** B. TAPERED SPRING  
C. COMPLETE WITH COLLAR  
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.	OD	Thick			
<b>1.250 (1-1/4") (continued)</b>								
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
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		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	VRFJF	B	PS-978V-P90
C	1.937	1.062	1	1.765	.365	VZFZF	B	PS-978V-TC-TC
C	1.937	1.062	3	1.875	.413	XLZF	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	316SS	PS-4463
C	1.937	1.062	1	1.875	.437	BCFJF	I	PS-185-P66
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	BRFLF		PS-4211
C	1.937	1.062	1	1.875	.437	BZFZF		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	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	VLZF		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	VZFZF		PS-185V-TC-TC
C	1.937	1.062	3	1.875	.437	BCFGF		PS-4152
C	1.937	1.062	3	1.875	.437	BCFJF		PS-618
C	1.937	1.062	3	1.875	.437	BCFKF		PS-598



# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>1.250 (1-1/4") (continued)</b>								
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		PS-598-TC-SEAT
C	1.937	1.062	3	1.875	.437	BLFLF		PS-598-SC-SC
C	1.937	1.062	3	1.875	.437	B/VCFKF		PS-1053
C	1.937	1.062	3	1.875	.437	BZFZF		PS-618-TC-TC
C	1.937	1.062	3	1.875	.437	QCFJF	I	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		PS-185-EPR-SC
C	1.937	1.062	3	1.875	.437	QCFZF		PS-185-EPR-TC
C	1.937	1.062	3	1.875	.437	QCFZF	I	PS-7436
C	1.937	1.062	3	1.875	.437	VCFJF		PS-185V
C	1.937	1.062	3	1.875	.437	VCFJF	I	PS-185V-P66
C	1.937	1.062	3	1.875	.437	VCFJF	B/H	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		PS-756V-SC-SEAT
C	1.937	1.062	3	1.875	.437	VCFZF		PS-618V-TC-SEAT
C	1.937	1.062	3	1.875	.437	VLFZF		PS-756V-SC-TC
C	1.937	1.062	3	1.875	.437	VRFLF		PS-3940
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		PS-3178
C	1.937	1.062	1	2.000	.437	VFLF		PS-466V-SC-SCMS
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	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

**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.	OD	Thick			
<b>1.250 (1-1/4") (continued)</b>								
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-3175
C	1.937	1.625	1	1.875	.437	VLFLF		PS-7805
C	1.937	1.625	1	1.875	.437	VRFJF		PS-3829
C	1.937	1.625	1	1.875	.437	VZFLF		PS-3119
C	1.937	1.625	3	1.875	.437	BCFJF		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	PS-1109-SC-TC
C	1.937	1.625	3	1.875	.437	BZFZF	I	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		PS-2122V
C	1.937	1.625	3	1.875	.437	VCFKF		PS-1109V
C	1.937	1.625	3	1.875	.437	VCFLF		PS-1109V-SC-SEAT
C	2.043	1.273	25	2.261	.640	VLFLF	B	PS-3215
C	2.043	1.375	25	2.250	.625	VLFLF		PS-1910
D	2.000	.875	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	1.031	3	1.875	.437	NCPKF		PS-1128
D	2.000	1.062	—	—	—	BCF-F		PS-416
D	2.000	1.062	1	1.750	.365	BCFKF		PS-977
D	2.000	1.062	1	1.765	.365	BCFJF		PS-976
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		PS-4246
D	2.000	1.062	3	1.875	.437	BCFJF		PS-804
D	2.000	1.062	3	1.875	.437	BCFKF		PS-517
D	2.000	1.062	3	1.875	.437	BCFZF		PS-517-TC-SEAT
D	2.062	1.062	3	1.875	.437	BZFZF	316SS	PS-3759
D	2.000	1.062	3	1.875	.437	VCFJF		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	2.062	1.062	3	1.875	.437	VLFLF		PS-4431
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 Special	2.312	1.187	3	1.875	.437	NCPKF		PS-8049
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		PS-1015

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>1.250 (1-1/4") (continued)</b>								
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
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	VLFFZ		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	BCFJF		PS-546
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	B/VLFZF	I	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		PS-361V
E	1.812	1.625	3	1.875	.437	VCFKF		PS-137V
E	1.812	1.625	3	1.875	.437	VCFKF	316SS	PS-4396
E	1.812	1.625	3	1.875	.437	VCFKF	I	PS-137V-P66
E	1.812	1.625	3	1.875	.437	VLFLF		PS-264V-SC-SC
E	1.812	1.625	3	1.875	.437	VCFLF	316SS	PS-4049
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	BCFJF		PS-5366
E	1.812	2.281	3	1.875	.437	BCFJF		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
G	1.811	1.024	1	1.875	.437	BCFJF		PS-3883
G	1.811	1.024	1	1.875	.437	VLFLF		PS-6265
G	1.811	1.062	1	1.875	.437	BLFLF		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	VLFLF		PS-4179
K	1.937	1.625	—	—	—	BCF-F		PS-169
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	1.750	1	1.875	.437	BCFJF		PS-883
K	1.937	1.750	1	1.875	.437	BZFLF		PS-3153
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

**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.	OD	Thick			
<b>1.250 (1-1/4") (continued)</b>								
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		PS-2211
T	1.812	2.375	3	1.875	.437	NAFGF		PS-3607
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	BCKPF		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
WT	1.687	1.000	2	1.875	.359	TCFOF	316SS	PS-3611
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>1.375 (1-3/8")</b>								
C	1.886	.850	3	2.000	.250	BCFKF		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		PS-172
C	2.062	1.125	—	—	—	BCF-F	I	FA-10166
C	2.062	1.125	—	—	—	NFF-F		PS-3730
C	2.062	1.125	—	—	—	QCF-F	I	FA-10165
C	2.062	1.125	—	—	—	VCF-F		PS-172V
C	2.062	1.125	—	—	—	VLF-F		PS-172V-SC
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	BLFLF		PS-4238
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		PS-805
C	2.062	1.125	3	2.000	.437	BCFKF		PS-547
C	2.062	1.125	3	2.000	.437	BCFKF	I	PS-547-P66
C	2.062	1.125	3	2.000	.437	BLFLF		PS-547-SC-SC
C	2.062	1.125	3	2.000	.437	B/VLFLF		PS-7919
C	2.062	1.125	3	2.000	.437	QCFKF		PS-210-EPR
C	2.062	1.125	3	2.000	.437	QCFLF		PS-210-EPR-SC-SEAT
C	2.062	1.125	3	2.000	.437	QCFLF	I	PS-210-EPR-P66-SC
C	2.062	1.125	3	2.000	.437	QCFZF	I	PS-3038
C	2.062	1.125	3	2.000	.437	QLFLF		PS-4328
C	2.062	1.125	3	2.000	.437	VCFJF		PS-177V
C	2.062	1.125	3	2.000	.437	VCFJF	I	PS-177V-P66
C	2.062	1.125	3	2.000	.437	VCFKF		PS-210V

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>1.375 (1-3/8") (continued)</b>								
C	2.062	1.125	3	2.000	.437	VCFKF	I	PS-3213
C	2.062	1.125	3	2.000	.437	VCFLF		PS-210V-SC-SEAT
C	2.062	1.125	3	2.000	.437	VCFZF		PS-210V-TC-SEAT
C	2.062	1.125	3	2.000	.437	VLFZF		PS-210V-SC-TC
C	2.062	1.125	3	2.000	.437	VZFLF		PS-210V-TC-SC
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	1.125	3	2.125	.437	VRFRF	316SS	PS-5727
C	2.062	1.156	3	2.125	.406	VCFKF		PS-1062
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	1.187	3	2.125	.437	VCFKF		PS-467V
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		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		PS-7697V-TC-SEAT
D	2.000	1.256	3	2.000	.437	VCFKF		PS-4123
D	2.187	1.093	25	2.000	.500	BCDJF		PS-404
D	2.187	1.125	—	—	—	BCD-F		PS-376
D	2.187	1.125	—	—	—	QCD-F	I	PS-376-EPR-P66
D	2.187	1.125	—	—	—	VCD-F		PS-376V
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	VFLFL		PS-4194
D	2.187	1.125	3	2.000	.437	BCDJF		PS-806
D	2.187	1.125	3	2.000	.437	BCDKF		PS-807
D	2.187	1.125	3	2.000	.437	BCFJF		PS-2047
D	2.187	1.125	3	2.000	.437	BCFKF		PS-2048
D	2.187	1.125	3	2.000	.437	VCDJF		PS-491V
D	2.187	1.125	3	2.000	.437	VCDKF		PS-186V
D	2.187	1.125	3	2.000	.437	VCFJF		PS-2047V
D	2.187	1.125	3	2.000	.437	VCFZF		PS-186V-TC-SEAT
D	2.250	1.006	3	2.000	.218	VCPSP		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
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

**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.	OD	Thick			
<b>1.375 (1-3/8") (continued)</b>								
E	1.875	1.187	3	2.000	.437	BCFKF		PS-257
E	1.875	1.187	3	2.000	.437	VCFKF		PS-257V
E	1.875	1.625	3	2.125	.437	VCFLF	316SS/C	PS-3783
E	1.875	1.687	—	—	—	BCF-F		PS-2104
E	1.875	1.687	—	—	—	VCF-F		PS-2104V
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	BZFZF		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	3	2.000	.437	BCFJF		PS-864
E	1.875	1.687	3	2.000	.437	BCFKF		PS-865
E	1.875	1.687	3	2.000	.437	BCFKF	I	PS-865-P66
E	1.875	1.687	3	2.000	.437	BCFLF		PS-865-SC-SEAT
E	1.875	1.687	3	2.000	.437	VCFJF		PS-354V
E	1.875	1.687	3	2.000	.437	VCFJF	I	PS-354V-P66
E	1.875	1.687	3	2.000	.437	VCFKF		PS-677V
E	1.875	1.687	3	2.000	.437	VLFLF		PS-865V-SC-SC
E	1.875	1.687	3	2.000	.437	VLZZF		PS-865V-SC-TC
E	1.875	1.687	3	2.000	.437	VZFLF		PS-865V-TC-SC
E	1.875	1.687	3	2.125	.437	VCFJF		PS-3925
E	1.875	1.687	3	2.125	.437	VCFJF	316SS	PS-3878
E	1.875	1.687	3	2.125	.437	VCFLF		PS-3984
E	1.875	2.031	—	—	—	QCF-F	316SS/C/I	PS-4163
E	1.875	2.031	—	—	—	VCF-F	316SS/C	PS-4087
E	1.875	2.031	3	2.000	.437	BCFJF	C/S	PS-3218
E	1.875	2.031	3	2.000	.437	VCFJF	316SS/C/H	PS-3901
E	1.875	2.031	3	2.000	.437	VLFLF	C	PS-4277
E	1.875	2.031	3	2.000	.437	XLFLF	316SS	PS-4384
E	2.000	2.031	3	2.000	.437	XZFLF	316SS/C	PS-4433
EB	1.875	2.000	1	1.875	.437	BCFKF		PS-3954
EB	1.875	2.000	3	1.875	.437	B/VCFZF		PS-3545
EB	1.875	2.000	3	1.875	.437	BCFJF		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		PS-4145
EB	1.875	2.000	3	1.875	.437	QCFZF	316SS	PS-3799
EB	1.875	2.000	3	1.875	.437	VCFKF	316SS	PS-4420
EB	1.875	2.000	3	1.875	.437	VCFZF	I	PS-3769
G	1.929	1.024	1	2.000	.437	BCFJF		PS-7971
G	1.929	1.024	1	2.000	.437	BLFZF	316SS	PS-3014
G	1.929	1.024	25	2.000	.437	VLFLF	316SS	PS-3015
K	2.062	1.625	—	—	—	BCF-F		PS-209
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		PS-3196
Q	2.515	.625	25	2.000	.281	BMPAP		PS-3854
Q	2.515	.625	Special	2.000	.281	BMPAP		PS-6300
Q	3.241	.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	VZFZF	316SS	PS-3541
T	1.875	2.812	3	2.000	.437	VCFJF	316SS	PS-4206

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>1.375 (1-3/8") (continued)</b>								
U	1.875	2.125	1	2.000	.437	BCFKF		PS-561SS
U	1.875	2.125	3	2.000	.437	VCFKF		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	TCFJF	316SS	PS-9317
WT	1.937	1.062	—	—	—	TCF-F	316SS	T9-1375
WT	1.937	1.062	3	2.000	.437	T/VCFJF	316SS	PS-9021
WT	1.937	1.062	3	2.000	.437	T/VCFKF	316SS	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
XB2	2.250	1.115	3	2.000	.437	VCFJF	316SS	PS-8110
XT	1.937	1.062	3	2.125	.437	VCFJF	316SS	PS-8048
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	BCKPF		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	BCKPK		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	VCFKF		PS-4067
E	1.937	1.688	3	2.171	.437	BCKPF		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	.859	3	2.312	.360	BCKPF		PS-3848
E	2.110	1.516	3	2.312	.360	NCKPF		PS-943
E	2.110	1.516	3	2.312	.360	NCKPF		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	NCKPF		PS-1633
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	Special	2.484	.675	TCFKF	316SS	PS-9330
W	2.062	1.125	28	2.500	.625	TCFKF		PS-6341
W	2.062	1.125	27	2.687	.625	TCFKF		PS-9304
W	2.062	1.125	28	2.687	.625	Special		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		PS-6056
XB2	2.187	1.000	3	2.125	.312	BCFKF	316SS	PS-8111
XB5	2.125	1.500	3	1.937	.437	Special		PS-8079
<b>1.500 (1-1/2")</b>								
C	2.062	1.125	2	2.125	.423	BCFKF		PS-5720
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	—	—	—	VCF-F		FA-10043
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
C	2.187	1.125	1	2.125	.437	BCFKF	I	PS-2232

**NOTE:** 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.	OD	Thick			
<b>1.500 (1-1/2") (continued)</b>								
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		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	VLZFZ		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		PS-816
C	2.187	1.125	3	2.125	.437	BCFKF		PS-553
C	2.187	1.125	3	2.125	.437	BCFKF		PS-3174
C	2.187	1.125	3	2.125	.437	BCFKF	I	PS-7674
C	2.187	1.125	3	2.125	.437	BLFLF		PS-3101
C	2.187	1.125	3	2.125	.437	BZFZF		PS-2217
C	2.187	1.125	3	2.125	.437	QCFJF		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	I	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		PS-758V
C	2.187	1.125	3	2.125	.437	VCFJF	I	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		PS-2223-SC-SEAT
C	2.187	1.125	3	2.125	.437	VCFZF		PS-2223
C	2.187	1.125	3	2.125	.437	VCFZF	316SS	PS-3704
C	2.187	1.125	3	2.125	.437	VLFLF		PS-3736
C	2.187	1.125	3	2.125	.437	VLZFZ		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		PS-7131
C	2.187	1.125	Special	2.740	.875	BCFKF		PS-3979
C	2.187	1.437	3	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		PS-7166
C	2.187	1.687	3	2.125	.437	BCFKF		PS-1110
C	2.187	1.687	3	2.125	.437	VCFKF		PS-1110V



# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>1.500 (1-1/2") (continued)</b>								
C	2.187	1.687	3	2.125	.437	QCCKF		PS-2221
C	2.312	1.093	1	2.125	.437	VCFJF	B/H	PS-3813
C	2.312	1.093	1	2.125	.437	VCFKF		PS-4482
CB	2.187	1.437	3	2.000	.437	BCFJF		PS-3880
D	2.312	1.093	2	2.125	.500	BCDKF		PS-3136
D	2.312	1.125	—	—	—	BCF-F		PS-939
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		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		PS-371V-SC-SC
D	2.312	1.125	3	2.125	.437	XLFZF		PS-4365
D	2.312	1.125	1	2.156	.437	BCFJF		PS-283
D	2.375	1.000	3	2.187	.437	BCFGF		PS-4363
D	2.375	1.119	3	2.125	.443	BLFLF		PS-7874
D	2.375	1.125	3	2.125	.437	B/CPKP		PS-4408
D	2.375	1.125	28	2.375	.618	VZFZF		PS-7079
D Special	2.375	1.094	3	2.125	.437	XLFLF		PS-4423
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		PS-2106
E	2.000	1.688	—	—	—	BCF-F	I	FA-10167
E	2.000	1.688	—	—	—	VCF-F		PS-2106V
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-305-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		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		PS-7491
E	2.000	1.688	3	2.125	.437	BZFLF		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		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	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	PS-7562
E	2.000	1.688	3	2.125	.437	QCFZF	C/I	PS-7930
E	2.000	1.688	3	2.125	.437	QLFLF		PS-4459
E	2.000	1.688	3	2.125	.437	VCFJF		PS-305V
E	2.000	1.688	3	2.125	.437	VCFJF	I	PS-305V-P66
E	2.000	1.688	3	2.125	.437	VCFKF		PS-374V

**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.	OD	Thick			
<b>1.500 (1-1/2") (continued)</b>								
E	2.000	1.688	3	2.125	.437	VCFKF	I	PS-258V-P66
E	2.000	1.688	3	2.125	.437	VCFZF		PS-1646
E	2.000	1.688	3	2.125	.437	VCFZF	I/S	PS-7889
E	2.000	1.688	5	2.125	.437	QCFZF	I	PS-4368
E	2.000	1.688	1	2.156	.437	BCFKF		PS-2137
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		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		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		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	PS-3615
EB	2.000	2.062	3	2.125	.437	VCFJF		PS-4476
G	2.125	1.181	1	2.125	.437	VCFJF		PS-3992
K	2.171	1.625	3	2.375	.437	BCFJF		PS-3558
K	2.187	1.625	—	—	—	BCF-F		PS-216
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		PS-541V
K	2.187	1.625	3	2.500/2.125	.437	VLFLF		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
XB2	2.250	1.000	3 Special	2.125	.437	VCFJF	316SS	PS-8109
X Special	2.312	.937	3	2.125	.437	BCFJF		PS-8002
W	2.125	1.125	2	2.125	.437	TCFJF	316SS	PS-7587
<b>1.562 (1-9/16")</b>								
E	2.250	1.688	1	2.375	.500	BCDKF		PS-1194
E	2.250	1.688	3	2.375	.500	BCDJF		PS-664
E	2.250	1.688	3	2.375	.500	BCDKF		PS-1193
<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	1.312	25	2.500	.812	VLFLF		PS-1911
C	2.500	1.375	—	—	—	BCF-F		PS-2107
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	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

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>1.625 (1-5/8") (continued)</b>								
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	VZFLF		PS-238V-TC-SC-CMS
C	2.500	1.375	1	2.375	.500	VZFZF		PS-3144
C	2.500	1.375	3	2.375	.500	BCFJF		PS-818
C	2.500	1.375	3	2.375	.500	BCFJF	I	PS-818-P66
C	2.500	1.375	3	2.375	.500	BCFKF		PS-544
C	2.500	1.375	3	2.375	.500	QCFKF		PS-239-EPR
C	2.500	1.375	3	2.375	.500	QCFKF	I	PS-7017
C	2.500	1.375	3	2.375	.500	QCFZF	I	PS-4068
C	2.500	1.375	3	2.375	.500	VCFJF		PS-238V
C	2.500	1.375	3	2.375	.500	VCFJF	I	PS-3171
C	2.500	1.375	3	2.375	.500	VCFKF		PS-239V
C	2.500	1.375	3	2.375	.500	VCFLF		PS-238V-SC-SEAT
C	2.500	1.375	3	2.375	.500	VCFZF		PS-239V-TC-SEAT
C	2.500	1.375	3	2.375	.500	VCFZF	I	PS-3523
C	2.500	1.375	3	2.375	.500	VLFLF		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	2.000	1	2.375	.500	VLFLF		PS-3853
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	2.687	1.375	3	2.375	.500	VCFLF		PS-4076
D	2.687	1.375	3	2.375	.500	VCFLF	I	PS-4074
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
D	2.718	1.375	1	2.375	.500	BLDLF		PS-514-SC-SC
D	2.718	1.375	1	2.375	.500	BLFZF		PS-4361

NOTE: B. TAPERED SPRING  
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.	OD	Thick			
<b>1.625 (1-5/8") (continued)</b>								
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		PS-821
D	2.718	1.375	3	2.375	.500	BCDKF		PS-819
D	2.718	1.375	3	2.375	.500	BCFJF		PS-1698
D	2.718	1.375	3	2.375	.500	BCFKF		PS-1697
D	2.718	1.375	3	2.375	.500	BCFZF		PS-1697-TC-SEAT
D	2.718	1.375	3	2.375	.500	BZFLF		PS-3223
D	2.718	1.375	3	2.375	.500	VCDJF		PS-514V
D	2.718	1.375	3	2.375	.500	VCDJF	I	PS-514V-P66
D	2.718	1.375	3	2.375	.500	VCDKF		PS-461V
D	2.718	1.375	3	2.375	.500	VCFLF	315SS/S	PS-3186
D	2.718	1.375	3	2.375	.500	VLDLF		PS-514V-SC-SC
D	2.718	1.375	3	2.375	.500	VZFLF		PS-3772
D	2.718	1.375	3	2.375	.500	XLFLF		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		PS-6348
E	2.250	1.375	3	2.375	.500	VCPKF		PS-6349
E	2.250	2.000	1	2.312	.500	BCDJF		PS-609
E	2.250	2.000	1	2.312	.500	BCDKF		PS-484
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	2.250	2.000	3	2.375	.500	BCDJF		PS-595
E	2.250	2.000	3	2.375	.500	BCDKF		PS-822
E	2.250	2.000	3	2.375	.500	BCDKF	I	PS-822-P66
E	2.250	2.000	3	2.375	.500	BCFJF		PS-1683
E	2.250	2.000	3	2.375	.500	BCFJF	I	PS-1683-P66
E	2.250	2.000	3	2.375	.500	BCFKF		PS-1699
E	2.250	2.000	3	2.375	.500	QCDKF		PS-822-EPR
E	2.250	2.000	3	2.375	.500	VCDJF		PS-745V
E	2.250	2.000	3	2.375	.500	VCDKF		PS-744V
E	2.250	2.000	3	2.375	.500	VCFJF		PS-1683V
E	2.250	2.000	3	2.375	.500	VCFKF		PS-1699V
E	2.250	2.000	3	2.375	.500	VCFKF	I	PS-3183
E	2.250	2.000	3	2.375	.500	VCFLF	316SS	PS-4471
E	2.250	2.000	3	2.375	.500	VCFZF	I	PS-1699V-TC-P66
E	2.250	2.000	3	2.375	.500	VLFZF	I	PS-1699V-SC-TC
E	2.250	2.000	3	2.375	.500	XZFLF	316SS	PS-3113
EB	2.250	2.375	3	2.125	.437	BCFJF		PS-4374
EB	2.250	2.375	3	2.125	.437	VCFJF		PS-4159
EB	2.250	2.375	3	2.125	.437	VCFZF	316SS	PS-4269

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>1.625 (1-5/8") (continued)</b>								
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	VFLFLF		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		PS-281
R	2.825	2.125	3	2.375	.500	NCFGF		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		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
XB1	2.375	1.750	3	2.000	.381	QLFLF	316SS	PS-8118
XB2	2.437	1.156	27	2.843	1.000	VCFJF	316SS	PS-8040
<b>1.687 (1-11/16")</b>								
D	2.875	.875	2	2.500	.312	BCFKF		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	2.315	1.338	2	2.400	.434	VCFKF	316SS	PS-5654
G	2.322	1.456	1	2.400	.315	VFLFLF	316SS	PS-4039
<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		PS-5389
C/X Special	2.609	1.250	1	2.500	.500	BCFJF		PS-4035
C	2.625	1.062	3	2.500	.500	BCFJF		PS-3718
C	2.625	1.062	3	2.500	.500	BLFLF		PS-6241
C	2.625	1.062	3	2.500	.500	BLFZF		PS-3963
C	2.625	1.062	3	2.500	.500	BZFZF		PS-3687
C	2.625	1.062	3	2.500	.500	VCFJF		PS-3718V
C	2.625	1.125	—	—	—	BCF-F		PS-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		PS-1056
C	2.625	1.125	3	2.500	.500	B/VLFZF		PS-3719
C	2.625	1.125	3	2.500	.500	VCFKF		PS-1056V
C	2.625	1.125	3	2.500	.500	VCFLF		PS-1056V-SC-SEAT
C	2.625	1.250	3	2.500	.500	VCFJF	316SS	PS-4884
C	2.625	1.375	—	—	—	BCF-F		PS-2108
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	PS-2108-EPR-P66
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
C	2.625	1.375	1	2.500	.500	BZFZF		PS-446-TC-TC
C	2.625	1.375	1	2.500	.500	BZFZF		PS-6210
C	2.625	1.375	1	2.500	.500	QCFJF		PS-446-EPR
C	2.625	1.375	1	2.500	.500	QCFJF	I	PS-446-EPR-P66
C	2.625	1.375	1	2.500	.500	QCFKF		PS-448-EPR

**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.	OD	Thick			
<b>1.750 (1-3/4") (continued)</b>								
C	2.625	1.375	1	2.500	.500	QCFLF		PS-448-EPR-SC
C	2.625	1.375	1	2.500	.500	QCFZF	I	PS-7684
C	2.625	1.375	1	2.500	.500	QLFZF		PS-3857
C	2.625	1.375	1	2.500	.500	VCFJF		PS-446V-CMS
C	2.625	1.375	1	2.500	.500	VCFJF	I	PS-446V-CMS-P66
C	2.625	1.375	1	2.500	.500	VCFJF	316SS	PS-4153
C	2.625	1.375	1	2.500	.500	VCFJF	C	PS-3118
C	2.625	1.375	1	2.500	.500	VCFKF		PS-448V-CMS
C	2.625	1.375	1	2.500	.500	VCFKF	I	PS-448V-CMS-P66
C	2.625	1.375	1	2.500	.500	VCFZF		PS-446V-TC-SEAT
C	2.625	1.375	1	2.500	.500	VCFZF	I	PS-448V-TC-P66
C	2.625	1.375	1	2.500	.500	VLFLF		PS-7820
C	2.625	1.375	1	2.500	.500	VLFLF	316SS	PS-4205
C	2.625	1.375	1	2.500	.500	VLFZF		PS-448V-SC-TC
C	2.625	1.375	1	2.500	.500	VZFLF	C	PS-4461
C	2.625	1.375	1	2.500	.500	VZFZF		PS-446V-TC-TC
C	2.625	1.375	1	2.625	.500	VCFJF		PS-387-CMS
C	2.625	1.375	3	2.500	.500	BCFJF		PS-550
C	2.625	1.375	3	2.500	.500	BCFJF	I	PS-3125
C	2.625	1.375	3	2.500	.500	BCFKF		PS-436
C	2.625	1.375	3	2.500	.500	BCFKF	I	PS-436-P66
C	2.625	1.375	3	2.500	.500	BCFLF		PS-436-SC-SEAT
C	2.625	1.375	3	2.500	.500	BLFLF		PS-436-SC-SC
C	2.625	1.375	3	2.500	.500	B/VZFLF		PS-436-TC-VS-SC
C	2.625	1.375	3	2.500	.500	BZFZF		PS-436-TC-TC
C	2.625	1.375	3	2.500	.500	QCFKF		PS-436-EPR
C	2.625	1.375	3	2.500	.500	QCFLF	I	PS-7607
C	2.625	1.375	3	2.500	.500	QCFZF	I	PS-7035
C	2.625	1.375	3	2.500	.500	VCFJF		PS-446V
C	2.625	1.375	3	2.500	.500	VCFJF	I	PS-446V-P66
C	2.625	1.375	3	2.500	.500	VCFKF		PS-436V
C	2.625	1.375	3	2.500	.500	VCFKF	I	PS-436V-P66
C	2.625	1.375	3	2.500	.500	VCFLF		PS-446V-SC-SEAT
C	2.625	1.375	3	2.500	.500	VCFZF		PS-2207
C	2.625	1.375	3	2.500	.500	VLFLF		PS-7679
C	2.625	1.375	3	2.500	.500	VLFZF		PS-446V-SC-TC
C	2.625	1.375	3	2.500	.500	VZFZF		PS-436V-TC-TC
C	2.625	1.375	3	2.625	.500	BCFJF		PS-387
C	2.625	1.375	28	3.544	1.188	BCFKF		PS-1038
C	2.625	1.750	1	2.500	.500	BZFZF	C	PS-3114
C	2.625	1.750	1	2.500	.500	VZFZF	C	PS-3114V
C	2.625	2.000	1	2.500	.500	BCFJF		PS-2135
C	2.625	2.000	1	2.500	.500	BCFJF		PS-2142
C	2.625	2.000	1	2.500	.500	BCFJF	I	PS-2135-P66
C	2.625	2.000	1	2.500	.500	BCFJF	I	PS-2142-P66
C	2.625	2.000	1	2.500	.500	BCFKF		PS-1674
C	2.625	2.000	1	2.500	.500	BCFLF		PS-1674-SC-SEAT
C	2.625	2.000	1	2.500	.500	BCFZF		PS-1674-TC-SEAT
C	2.625	2.000	1	2.500	.500	BLFLF		PS-2135-SC-SC
C	2.625	2.000	1	2.500	.500	QCFKF	I	PS-1674-EPR-P66
C	2.625	2.000	1	2.500	.500	VCFJF		PS-2135V-CMS
C	2.625	2.000	1	2.500	.500	VZFZF		PS-1674V-TC-TC-CM
C	2.625	2.000	3	2.500	.500	BCFJF		PS-2150
C	2.625	2.000	3	2.500	.500	BCFKF		PS-2151
C	2.625	2.000	3	2.500	.500	QCFKF	I	PS-2151-EPR-P66
C	2.625	2.000	3	2.500	.500	VCFKF		PS-2151V
C	2.625	2.000	3	2.500	.500	VCFZF		PS-2151V-TC-SEAT
D	2.750	1.375	—	—	—	BCD-F		PS-147
D	2.750	1.375	—	—	—	QCD-F	I	PS-147-EPR-P66
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

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>1.750 (1-3/4") (continued)</b>								
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	BZFZF		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	VLFLF	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		PS-826
D	2.750	1.375	3	2.500	.500	BCDKF		PS-825
D	2.750	1.375	3	2.500	.500	BCFJF		PS-2061
D	2.750	1.375	3	2.500	.500	BCFKF		PS-2062
D	2.750	1.375	3	2.500	.500	BCFLF		PS-2061-SC-SEAT
D	2.750	1.375	3	2.500	.500	VCDJF		PS-237V
D	2.750	1.375	3	2.500	.500	VCDJF	I	PS-237V-P66
D	2.750	1.375	3	2.500	.500	VCDKF		PS-288V
D	2.750	1.375	3	2.500	.500	VRFZF		PS-7959
D	2.750	1.375	3	2.500	.500	VZFLF		PS-7752
D	2.750	1.375	3	2.500	.500	XCFJF		PS-4399
D	2.806	1.031	3	2.500	.281	NCFKF		PS-4026
DB	2.750	1.750	3	2.375	.500	BCFZF		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	VLFLF		PS-3982
E	2.375	1.312	1	2.625	.500	BCFJF		PS-7252
E	2.375	1.312	3	2.625	.500	QCFLF		PS-4290
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		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	PS-7950
E	2.375	2.000	—	—	—	BCF-F		PS-2109
E	2.375	2.000	—	—	—	BCF-F	I	PS-2109-P66
E	2.375	2.000	—	—	—	XCF-F		PS-2109-AFLAS
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	BZFZF		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

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	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-CM
E	2.375	2.000	3	2.500	.500	BCEJE		PS-3673
E	2.375	2.000	3	2.500	.500	BCFJF		PS-535
E	2.375	2.000	3	2.500	.500	BCFKF		PS-262
E	2.375	2.000	3	2.500	.500	BCFZF		PS-859-TC-SEAT
E	2.375	2.000	3	2.500	.500	BCFZF	I	PS-535-P66-TC
E	2.375	2.000	3	2.500	.500	QCFJF		PS-535-EPR
E	2.375	2.000	3	2.500	.500	QCFKF	I	PS-262-EPR-P66
E	2.375	2.000	3	2.500	.500	QCFLF		PS-859-EPR-SC-SEAT
E	2.375	2.000	3	2.500	.500	QCFZF	I	PS-7363
E	2.375	2.000	3	2.500	.500	QLFLF		PS-858-EPR-SC-SC
E	2.375	2.000	3	2.500	.500	QZFZF		PS-3540
E	2.375	2.000	3	2.500	.500	VCFJF		PS-205V
E	2.375	2.000	3	2.500	.500	VCFJF	I	PS-205V-P66
E	2.375	2.000	3	2.500	.500	VCFKF		PS-366V
E	2.375	2.000	3	2.500	.500	VCFLF		PS-858V-SC-SEAT
E	2.375	2.000	3	2.500	.500	VCFLF	316SS	PS-7924
E	2.375	2.000	3	2.500	.500	VLFLF		PS-7488
E	2.375	2.000	3	2.500	.500	XCFLF	I	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	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		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	—	—	—	BCF-F	316SS/C/I	PS-7867
E	2.375	2.375	3	2.312	.500	BCFZF	C	PS-4233
E	2.375	2.375	3	2.312	.500	VCFJF	316SS/C	PS-4326
E	2.375	2.375	3	2.500	.500	B/VCFJF	C/I	PS-3726
E	2.375	2.375	3	2.500	.500	VCFJF	316SS/C/S	PS-3902
E	2.375	2.375	3	2.500	.500	VCFKF	C	PS-3637
E	2.375	2.375	3	2.500	.500	VCFLF	C	PS-7839
E	2.375	2.375	3	2.500	.500	VCFZF	C/I	PS-7561
E	2.375	2.406	3	2.312	.500	VCFZF	C	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	BCFKF		PS-2231-CMS
EB	2.375	2.375	3	2.375	.500	BCFJF		PS-7774
EB	2.375	2.375	3	2.375	.500	BCFKF		PS-2231
EB	2.375	2.375	3	2.375	.500	BCFZF		PS-7821
EB	2.375	2.375	3	2.500	.500	BCFKF		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
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
K	2.609	2.125	1	2.500	.500	BZFZF		PS-3236
K	2.609	2.125	3	2.500	.500	BCFJF		PS-4353
K	2.609	2.125	3	2.500	.500	BCFJ/KF		PS-1142
K	2.609	2.250	3	2.750	.625	BCFJF		PS-3040



# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>1.750 (1-3/4") (continued)</b>								
K	2.625	1.625	1	2.500	.500	VZFFZ		PS-4304
Q	3.000	.689	Special	2.500	.412	Special		PS-4133
R	2.750	2.125	—	—	—	BCD-F		PS-213
R	2.750	2.125	1	2.500	.500	BCDKF		PS-217
T	2.375	2.281	3	2.500	.500	VCFJF	316SS	PS-6242
T	2.375	2.750	3	2.500	.500	BCFJF		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		PS-3115
T	2.375	2.875	3	2.500	.500	VCFJF	316SS	PS-4263
T	2.375	2.875	3	2.500	.500	VLFLF		PS-3650
T	2.375	2.937	3	2.500	.500	VCFJF		PS-4283
T	2.375	2.937	3	2.500	.500	VCFLF/VCFJF	316SS	PS-4405
T	2.375	2.937	3	2.500	.500	VLFLF/VCFLF	316SS	PS-3123
T	2.375	2.937	3	2.500	.500	VZFFZ/VCFZF	316SS/I	PS-3899
U	2.375	2.000	3	2.500	.500	BCFJF		PS-2170
U	2.375	2.000	3	2.500	.500	BCF/DKF		PS-2157
U	2.375	2.000	3	2.500	.500	BCFKF		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		PS-519
U	2.375	2.500	3	2.500	.500	BCFJF	I	PS-519-P66
U	2.375	2.500	3	2.500	.500	BCFKF		PS-1199
U	2.375	2.000	3	2.500	.500	QCFZF	I	PS-3520
UB	2.375	2.375	3	2.375	.500	BCFZF		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		PS-9023
WT	2.312	1.375	3	2.500	.500	T/VCFZF	316SS	PS-9064
X	2.500	1.375	3	2.500	.500	VCFLF	316SS	PS-8058
<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	45MM	25	63MM	8MM	VLFLF		PS-3158
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	3.528	.437	BCFGF		PS-5011
C	2.561	1.000	Plate	Plate	Plate	VCFGF		PS-5721
C	2.645	1.110	2	3.000	.404	QCFJF		PS-5679
C	2.645	1.110	2	3.000	.404	VCFJF		PS-5342
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
C	2.750	1.500	1	2.625	.500	BZFZF		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

**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.	OD	Thick			
<b>1.875 (1-7/8") (continued)</b>								
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		PS-2114
C	2.750	1.500	3	2.625	.500	BCFKF		PS-312
C	2.750	1.500	3	2.625	.500	VCFJF		PS-340V
C	2.750	1.500	3	2.625	.500	VCFKF		PS-312V
C	2.750	1.500	3	2.625	.500	VZFLF		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		PS-223
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		PS-593
D	2.875	1.500	3	2.625	.500	BCFJF		PS-4333
D	2.875	1.500	3	2.625	.500	BCFLF		PS-4107
D	2.875	1.500	3	2.625	.500	VCPSF		PS-6094
DB	2.875	1.875	1	2.500	.500	BCDZF		PS-3818
DB	2.875	1.875	3	2.500	.500	BCDJF		PS-3070
DB	2.875	1.875	3	2.500	.500	BCFJF		PS-4486
E	2.500	1.531	—	—	—	VCF-F	316SS	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	PS-4193
E	2.500	1.531	3	2.625	.500	VZFFZ	316SS	PS-4166
E	2.500	1.906	3	2.500	.500	VCFKF	C/S	PS-7698V-LC
E	2.500	1.906	3	2.625	.500	BCFJF	C	PS-7559
E	2.500	1.906	3	2.625	.500	VCFJF	316SS/C	PS-3929
E	2.500	1.906	3	2.625	.500	VCFLF	316SS/C	PS-4085
E	2.500	1.906	3	2.625	.500	XCFZF	I	PS-4477
E	2.500	2.062	3	2.625	.500	VCFZF		PS-1661
E	2.500	2.125	—	—	—	VCF-F		FA-513V
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		PS-2071
E	2.500	2.125	3	2.625	.500	BCFKF		PS-2072
E	2.500	2.125	3	2.625	.500	BCFKF	316SS	PS-7898
E	2.500	2.125	3	2.625	.500	BCFLF		PS-586-SC-SEAT
E	2.500	2.125	3	2.625	.500	BLFLF		PS-586-SC-SC
E	2.500	2.125	3	2.625	.500	BLFLF	316SS	PS-4270
E	2.500	2.125	3	2.625	.500	B/VCFKF		PS-7962
E	2.500	2.125	3	2.625	.500	BZFZF		PS-2072-TC-TC
E	2.500	2.125	3	2.625	.500	QCFZF	316SS/I	PS-7951
E	2.500	2.125	3	2.625	.500	VCFJF		PS-1659
E	2.500	2.125	3	2.625	.500	VCFKF		PS-1660
E	2.500	2.125	3	2.625	.500	VLFZF		PS-586V-SC-TC
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		PS-7827
EB	2.500	2.500	3	2.500	.500	BCFKF		PS-7884
EB	2.500	2.500	3	2.500	.500	VCFJF		PS-4417
EB	2.500	2.500	3	2.500	.500	VCFKF		PS-7884V
EB	2.500	2.500	Special	2.687	.500	VCFZF		PS-3648
G	2.520	1.181	1	2.625	.500	BCFJF		PS-3017
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

# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>1.875 (1-7/8") (continued)</b>								
K	2.750	1.750	1	2.625	.500	BZ/CFL/JF		PS-4426
K	2.750	1.843	1	2.625	.500	BZ/CFZ/JF		PS-4217
K	2.750	1.875	1	2.625	.500	BZFZF		PS-3190
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	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	2.437	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	PS-9119
WT	2.510	1.375	3	2.625	.500	T/VCFJF	316SS	PS-9709
WT	2.510	1.375	3	2.625	.500	T/VCFZF	316SS	PS-9340
XB	2.500	1.750	3	2.375	.500	VCFZF	316SS/I	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	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	PS-8094V
XT	2.510	1.750	3	2.625	.437	VCFJF	316SS	PS-8076
<b>2.000 (2")</b>								
C	2.510	1.062	1	2.750	.500	BCFJF		PS-7781
C	2.510	1.062	1	2.750	.500	BLFZF		PS-7781-SC-TC
C	2.598	1.500	1	2.750	.500	BCFJF		PS-5224
C	2.875	1.062	3	2.750	.500	BCFJF		PS-3993
C	2.875	1.062	3	2.750	.500	BCFKF		PS-4015
C	2.875	1.062	3	2.750	.500	BLFLF		PS-6238
C	2.875	1.062	3	2.750	.500	BLFZF		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		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		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
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

**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.	OD	Thick			
<b>2.000 (2") (continued)</b>								
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	VZFZF		PS-6218
C	2.875	1.500	1	2.750	.500	VZFZF	316SS	PS-6213
C	2.875	1.500	3	2.750	.500	BCFJF		PS-532
C	2.875	1.500	3	2.750	.500	BCFKF		PS-332
C	2.875	1.500	3	2.750	.500	BCFLF		PS-4235
C	2.875	1.500	3	2.750	.500	BCFZF		PS-267-TC-SEAT
C	2.875	1.500	3	2.750	.500	BLFZF	C	PS-267-SC-TC-LC
C	2.875	1.500	3	2.750	.500	BLFZF		PS-267-SC-TC-SEAT
C	2.875	1.500	3	2.750	.500	QCF-F		PS-332-EPR-SC
C	2.875	1.500	3	2.750	.500	QCFZF	I	PS-7309
C	2.875	1.500	3	2.750	.500	VCFJF		PS-267V
C	2.875	1.500	3	2.750	.500	VCFKF		PS-1145
C	2.875	1.500	3	2.750	.500	VCFZF		PS-267V-TC-SEAT
C	2.875	1.500	3	2.750	.500	VLFLF		PS-267V-SC-SC
C	2.875	1.500	3	2.750	.500	VLFLF		PS-7731
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		PS-1017-TC-SEAT
D	3.000	1.500	—	—	—	BCD-F		PS-196
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		PS-833
D	3.000	1.500	3	2.750	.500	BCDKF		PS-832
D	3.000	1.500	3	2.750	.500	BCFJF		PS-2075
D	3.000	1.500	3	2.750	.500	BCFKF		PS-2076
D	3.000	1.500	3	2.750	.500	NCPGP		PS-193
D	3.000	1.500	3	2.750	.500	VCDJF		PS-445V
D	3.000	1.500	3	2.750	.500	VCDKF		PS-462V
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
E Special	2.625	1.843	3	2.750	.500	NCPKF		PS-3644
E Special	2.625	1.843	3	3.031	.500	NCDKF		PS-3952
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	2.750	.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	2.687	.500	V/BCFJF		PS-319V
E	2.625	2.125	1	2.750	.500	VCFJF	I	PS-479V-CMS-P66
E	2.625	2.125	1	2.750	.500	VCFKF		PS-843V-CMS

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>2.000 (2") (continued)</b>								
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		PS-530
E	2.625	2.125	3	2.750	.500	BCFKF		PS-477
E	2.625	2.125	3	2.750	.500	BCFKF	I	PS-477-P66
E	2.625	2.125	3	2.750	.500	BCFKF	316SS/I	PS-3522
E	2.625	2.125	3	2.750	.500	BCFZF		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		PS-477-TC-SC
E	2.625	2.125	3	2.750	.500	BZFZF		PS-477-TC-TC
E	2.625	2.125	3	2.750	.500	NCPKP		PS-342
E	2.625	2.125	3	2.750	.500	QCFJF		PS-4376
E	2.625	2.125	3	2.750	.500	QCFKF		PS-477-EPR
E	2.625	2.125	3	2.750	.500	QCFLF		PS-477-EPR-SC
E	2.625	2.125	3	2.750	.500	QCFZF	I	PS-3639
E	2.625	2.125	3	2.750	.500	VCFJF		PS-479V
E	2.625	2.125	3	2.750	.500	VCFKF		PS-477V
E	2.625	2.125	3	2.750	.500	VCFKF	I	PS-3079
E	2.625	2.125	3	2.750	.500	VCFZF		PS-477V-TC-SEAT
E	2.625	2.125	3	2.750	.500	VCFZF	316SS	PS-3999
E	2.625	2.125	3	2.750	.500	VZFLF		PS-462V-TC-SC
E	2.625	2.125	3	2.750	.500	VZFZF		PS-477V-TC-TC
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	3	3.000	.500	BCFKF		PS-4312
EB	2.625	2.500	1	2.625	.500	BCFJF		PS-7910
EB	2.625	2.500	3	2.625	.500	BCFKF		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		PS-7890
EB	2.625	2.500	3	2.625	.500	VCFZF		PS-4102
E Special	2.730	2.165	Gland	5.875	.750	NCPGP		PS-6007
G	2.598	1.500	25	2.750	.500	QCFLF		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		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	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
T	2.625	3.000	3	2.750	.500	VZFZF		PS-4208
U	2.625	2.000	3	2.750	.500	BCFKF		PS-385A
U	2.625	2.000	3	2.750	.500	VCFKF		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	PS-7616
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		PS-456
U	2.625	2.218	3	2.750	.500	BZFLF		PS-4258
U	2.625	2.218	3	2.750	.500	QCFKF		PS-456-EPR
U	2.625	2.218	3	2.750	.500	QCFLF	316SS	PS-3044
U	2.625	2.218	3	2.750	.500	QCFZF	I	PS-3591
U	2.625	2.218	3	2.750	.500	VCFKF		PS-456V
U	2.625	2.218	3	2.750	.500	VCFZF		PS-456V-TC-SEAT
U	2.625	2.218	3	2.750	.500	VLFLF		PS-456V-SC-SC

**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.	OD	Thick			
<b>2.000 (2") (continued)</b>								
U	2.625	2.218	3	2.750	.500	XZFLF		PS-3649
XB1	2.750	1.750	3	2.500	.500	XCFLF	316SS	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
WB	2.750	1.750	Special	2.500	.937	T/NCFKF	316SS	PS-9703
Special	2.750	.750	Special	2.750	.375	BCFAF		PS-4052
<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		PS-4314
C	3.000	1.687	—	—	—	BCF-F		FA-2120
C	3.000	1.687	3	2.875	.562	BCFJF		PS-854
C	3.000	1.687	3	2.875	.562	BCFKF		PS-855
C	3.000	1.687	1	3.000	.562	BCFJF		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		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		PS-543V
C	3.000	1.687	3	3.000	.562	VCFLF		PS-3606
C	3.000	1.687	3	3.000	.562	VFLFLF	S	PS-338V-SC-SC
C	3.000	2.375	3	3.000	.562	BCFJF	S	PS-4248
C	3.000	2.375	3	3.000	.562	VCFKF		PS-4276
C	3.125	1.687	3 Special	3.125	1.015	VCFKF		PS-5076
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		PS-2093
D	3.250	1.687	3	3.000	.562	VCFLF		PS-4080
D	3.250	1.687	3	3.000	.562	VCFLF	I	PS-4079
D	3.250	1.687	3	3.000	.562	VLFZF		PS-3809
E	2.812	2.312	3	2.875	.562	BCFKF	C	PS-4243
E	2.812	2.312	3	2.875	.562	VCFJF	316SS/C	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		PS-856
E	2.812	2.375	3	2.875	.562	BCFKF		PS-857
E	2.812	2.375	3	2.875	.562	VCFKF		PS-857V
E	2.812	2.375	3	2.875	.562	VCFZF		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		PS-327
E	2.812	2.375	3	3.000	.562	BCFKF		PS-2086
E	2.812	2.375	3	3.000	.562	QCFZF	316SS	PS-3134
E	2.812	2.375	3	3.000	.562	VCFJF		PS-327V
E	2.812	2.375	3	3.000	.562	VCFKF		PS-353V
E	2.812	2.375	3	3.000	.562	VLFJF	316SS	PS-4434
E	2.812	2.375	3	3.000	.562	VFLFLF		PS-3727
EB	2.812	2.750	3	2.750	.500	BCFJF	316SS	PS-3714
EB	2.812	2.750	3	2.750	.500	VCFJF	316SS	PS-4418

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>2.125 (2-1/8") (continued)</b>								
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		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	PS-3879
T	2.812	3.375	3	3.000	.562	BCFJF		PS-2126
T	2.812	3.375	3	3.000	.562	BLFZF		PS-4388
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	TCFJF	316SS	PS-9122
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		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	QCFKF		PS-5719
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	VLZFZ		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	BLFLF		PS-7064-SC-SC
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	VLZFZ		PS-1087V-SC-TC-CMS
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		PS-1678
C	3.125	1.688	3	3.125	.562	BCFKF		PS-1676
C	3.125	1.688	3	3.125	.562	B/VCFZF		PS-1676-TC-SEAT
C	3.125	1.688	3	3.125	.562	QCFJF	I	PS-1679-EPR-P66
C	3.125	1.688	3	3.125	.562	QCFKF	I	PS-1676-EPR-P66
C	3.125	1.688	3	3.125	.562	QCFZF	I	PS-7750
C	3.125	1.688	3	3.125	.562	VCFJF		PS-1678V
C	3.125	1.688	3	3.125	.562	VCFKF		PS-1676V
C	3.125	1.688	3	3.125	.562	VCFZF		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	—	—	—	BCD-F		PS-942
D	3.375	1.688	1	3.125	.562	BCDJF		PS-874
D	3.375	1.688	1	3.125	.562	BCDKF		PS-941

NOTE: 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.	OD	Thick			
<b>2.250 (2-1/4") (continued)</b>								
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		PS-846
D	3.375	1.688	3	3.125	.562	BCDKF		PS-847
D	3.375	1.688	3	3.125	.562	BCFJF		PS-2089
D	3.375	1.688	3	3.125	.562	BCFKF		PS-2090
D	3.375	1.688	3	3.125	.562	VCDKF		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		PS-848
E	2.938	2.375	3	3.125	.562	BCDKF		PS-849
E	2.938	2.375	3	3.125	.562	BCFJF		PS-1688
E	2.938	2.375	3	3.125	.562	BCFKF		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		PS-3530
E	2.938	2.375	3	3.125	.562	QCFLF	316SS/I	PS-4409
E	2.938	2.375	3	3.125	.562	VCDKF		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		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		PS-3784
EB	2.938	2.750	3	3.000	.562	BCFZF		PS-7749
EB	2.938	2.750	3	3.000	.562	B/VCFKF		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
R	3.375	2.465	1	3.125	.562	BCDJF		PS-7932
T	2.938	3.375	3	3.125	.562	BCDJF		PS-2132
V	3.125	2.375	3	.562/.750	.750	BCFKF	I	PS-3210
<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		PS-268
C	3.219	1.813	3	3.250	.562	BCFJF	I	PS-268-P66
C	3.219	1.813	3	3.250	.562	BCFKF		PS-492
C	3.219	1.813	3	3.250	.562	BCFKF	I	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		PS-268V
C	3.219	1.813	3	3.250	.562	VCFJF	316SS	PS-3233
C	3.219	1.813	3	3.250	.562	VCFJF	I	PS-3127
C	3.219	1.813	3	3.250	.562	VCFKF	I	PS-492V-P66



# DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>2.375 (2-3/8") (continued)</b>								
C	3.219	1.813	3	3.250	.562	VCFLF	I	PS-4325
C	3.219	1.813	3	3.250	.562	VCFZF		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	BCDJF	I	PS-834-CMS-P66
D	3.500	1.813	3	3.250	.562	BCDJF		PS-834
D	3.500	1.813	3	3.250	.562	BCDJF	I	PS-834-P66
D	3.500	1.813	3	3.250	.562	BCDKF		PS-594
D	3.500	1.813	3	3.250	.562	BCDKF	I	PS-594-P66
D	3.500	1.813	3	3.250	.562	BCDZF		PS-834-TC-SEAT
D	3.500	1.813	3	3.250	.562	BCFKF		PS-2095
D	3.500	1.813	3	3.250	.562	QCFJF		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		PS-278
E	3.062	2.500	3	3.250	.562	BCFJF	I	PS-278-P66
E	3.062	2.500	3	3.250	.562	BCFKF		PS-350
E	3.062	2.500	3	3.250	.562	VCFJF		PS-278V
E	3.062	2.500	3	3.250	.562	VCFKF		PS-2098V
E	3.062	2.500	3	3.250	.562	VCFZF	I	PS-350V-P66-TC
E	3.062	2.500	3	3.250	.562	VLFLF		PS-4492
E	3.062	2.500	3	3.250	.562	VZFLF	316SS	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	2.875	3	3.250	.562	QLFLF	C	PS-4162
EB	3.062	2.875	3	3.125	.562	BCFKF		PS-3936
EB	3.062	2.875	3	3.125	.562	BCFZF		PS-3501
EB	3.062	2.875	3	3.125	.562	VCFKF		PS-3936V
EB	3.062	2.875	3	3.125	.562	VCFLF		PS-4108
EB	3.062	2.875	3	3.125	.562	VCFZF		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		PS-1694
K	3.219	2.125	3	3.250	.562	BCFKF		PS-1041
X	3.250	1.687	3	3.250	.562	VCFLF	316SS	PS-8003
XB	3.250	2.062	3	3.000	.562	QCFLF	316SS	PS-8121
XB	3.250	2.125	3	3.000	.500	VCFLF	316SS	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	BCKPK		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
<b>2.500 (2-1/2")</b>								
C	3.344	1.500	—	—	—	NCF-F		PS-6147
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		PS-269
C	3.515	1.813	3	3.375	.562	BCFKF		PS-853
C	3.515	1.813	3	3.375	.562	VCFJF		PS-269V
C	3.515	1.813	3 Special	3.375	.562	VCFKF		PS-6138
C	3.515	1.862	3	3.375	.562	VLFLF		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		PS-835
D	3.625	1.813	3	3.375	.562	BCDKF		PS-463
D	3.625	1.813	3	3.375	.562	BZFLF		PS-463-TC-SC

**NOTE:** C. COMPLETE WITH COLLAR  
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.	OD	Thick			
<b>2.500 (2-1/2") (continued)</b>								
D	3.625	1.813	3	3.375	.562	VCDKF		PS-463V
D	3.625	1.813	3	3.375	.562	VCFLF		PS-463VSS-SC-SEAT
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
E	3.062	2.500	3	3.375	.562	QCFZF	I	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		PS-279
E	3.187	2.500	3	3.375	.562	BCFKF		PS-349
E	3.187	2.500	3	3.375	.562	BCFKF	I	PS-2205
E	3.187	2.500	3	3.375	.562	BCFZF		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	PS-2205-EPR
E	3.187	2.500	3	3.375	.562	VCFJF		PS-279V
E	3.187	2.500	3	3.375	.562	VCFKF		PS-349V
E	3.187	2.500	3	3.375	.562	VCFLF		PS-349V-SC-SEAT
E	3.187	2.500	3	3.375	.562	VLFZF		PS-279V-SC-TC
E	3.187	2.500	3	3.375	.562	VZFLF		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	.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	3.359	1.750	3	3.375	.562	NCFKF	S	PS-6997
K	3.375	1.750	3 Special	3.375	.562	VCFZF		PS-6140
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		PS-1613
K	3.344	2.125	3	3.375	.562	BCFKF		PS-1695
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	3	3.375	.563	VZFLF	316SS	PS-4109
V	3.187	2.375	3	3.500	.562	BCFJF		PS-2147
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	2.063	3	3.125	.562	VCFZF	316SS	PS-8103
<b>2.625 (2-5/8")</b>								
D	3.875	1.937	—	—	—	NCP-P	I	PS-6151
D	3.875	1.937	3	3.375	.625	BCFJF	I	PS-7909
D	3.875	1.937	3	3.375	.625	QCFZF	316SS	PS-3188
D	3.875	1.937	3	3.375	.625	VCFKF		PS-6002
E	3.375	2.625	3	3.625	.593	QCFLF	C	PS-4392
E	3.375	2.750	3	3.375	.625	BCFJF		PS-328
E	3.375	2.750	3	3.375	.625	BCFJF	I	PS-328-P66
E	3.375	2.750	3	3.375	.625	BCFKF		PS-542
E	3.375	2.750	3	3.375	.625	VLFZF		PS-4472
EB	3.375	3.125	3	3.375	.562	BCFJF		PS-7703
EB	3.375	3.125	3	3.375	.562	BCFKF		PS-7927
EB	3.375	3.125	3	3.375	.562	BLFZF		PS-4485

**NOTE:** C. COMPLETE WITH COLLAR  
 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.	OD	Thick			
<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-6220
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	B/VCFZF		PS-2154-TC-SEAT
C	3.750	1.125	3	3.500	.625	BCFJF		PS-2154
C	3.750	1.125	3	3.500	.625	VCFJF		PS-6207
C	3.750	1.125	3	3.500	.625	VZFZF		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	VLVZF		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		PS-836
C	3.750	1.937	3	3.500	.625	BCFJF	I	PS-836-P66
C	3.750	1.937	3	3.500	.625	BCFKF		PS-483
C	3.750	1.937	3	3.500	.625	BCFLF		PS-3841
C	3.750	1.937	3	3.500	.625	BCFZF		PS-483-TC-SEAT
C	3.750	1.937	3	3.500	.625	BLFZF	C	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	VCFZF		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		PS-837
D	4.000	1.937	3	3.500	.625	BCFJF	I	PS-837-P66
D	4.000	1.937	3	3.500	.625	BCFKF		PS-464
D	4.000	1.937	3	3.500	.625	BCFZF		PS-464-TC-SEAT
D	4.000	1.937	3	3.500	.625	VLVZF	316SS	PS-3189
E	3.500	2.750	1	3.500	.625	BZFZF		PS-3037
E	3.500	2.750	3	3.500	.625	BCFZF	I	PS-321-P66-TCO
E	3.500	2.750	3	3.500	.625	V/BCFJF		PS-838
E	3.500	2.750	3	3.500	.625	V/BCFJF	316SS	PS-838-316SS
E	3.500	2.750	3	3.500	.625	V/BCFJF	I	PS-838-P66
E	3.500	2.750	3	3.500	.625	V/BCFKF		PS-321
E	3.500	2.750	3	3.500	.625	VCFKF		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		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
K	3.750	2.500	3	3.500	.625	BCFJF		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		PS-322
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
XB	3.625	2.062	3	3.375	.562	VCFZF	316SS	PS-8102
<b>2.875 (2-7/8")</b>								
C	3.875	2.062	3	3.750	.625	BCFJF		PS-270
E	3.625	2.875	3	3.750	.625	BCFJF		PS-329
E	3.625	2.875	3	3.750	.625	BCFJF	I	PS-329-P66
E	3.625	2.875	3	3.750	.625	BCFKF		PS-841
E	3.625	2.875	3	3.750	.625	BCFKF	I	PS-841-P66
E	3.625	2.875	3	3.750	.625	QCFLF		PS-841-EPR
K	4.500	1.700	3 Special	4.500	.292	NCFGF		PS-4028
V	3.625	2.250	3	3.750	.625	VCFJF		PS-4296

**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.	OD	Thick			
<b>3.000 (3")</b>								
C	3.843	1.125	3 Special	3.875	.625	VCFKF		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		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		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	VZFLF		PS-3231
C	4.000	1.125	3	3.875	.625	VZFZF		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	B/VZFZF	B	PS-1088-TC-TC
C	4.062	1.312	3	3.875	.625	BCFJF	B	PS-1088
C	4.062	1.312	3	3.875	.625	BLFZF	B	PS-4352
C	4.062	1.312	3	3.875	.625	VCFJF	B	PS-1088V
C	4.062	1.312	3	3.875	.625	VZFZF	B	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		PS-2116
C	4.000	2.062	3	3.875	.625	BCFKF		PS-2115
C	4.000	2.062	3	3.875	.625	BCFZF		PS-2115-TC-SEAT
C	4.000	2.062	3	3.875	.625	BLFLF		PS-2116-SC-SC
C	4.000	2.062	3	3.875	.625	VCFLF		PS-3777
C	4.000	2.062	3	3.875	.625	VLFLF		PS-6225
C	4.000	2.062	3	3.875	.625	VZFZF		PS-4481
C	4.000	2.062	3 Special	3.875	.625	VCFKF	H	PS-6172
D	4.250	2.062	1	3.875	.625	BZFZF		PS-6202
D	4.250	2.062	3	3.875	.625	BCDJF		PS-761
D	4.250	2.062	3	3.875	.625	BCDKF		PS-465
D	4.250	2.062	3	3.875	.625	BZFLF		PS-6219
D	4.250	2.062	3	3.875	.625	VCDKF		PS-465V
D	4.250	2.062	3	3.875	.625	VZFLF		PS-6232
D	4.250	2.062	3	3.875	.625	VZFZF		PS-3776
D	4.250	2.062	3	3.875	.781	VZFLF		PS-4033
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		PS-3969
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		PS-324
E	3.750	2.875	3	3.875	.625	BCDKF		PS-475
E	3.750	2.875	3	3.875	.625	BCFJF		PS-324SS

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>3.000 (3") (continued)</b>								
E	3.750	2.875	3	3.875	.625	BCFJF	316SS/I	PS-4147
E	3.750	2.875	3	3.875	.625	BCFKF		PS-5252
E	3.750	2.875	3	3.875	.625	BZFLF		PS-3770
E	3.750	2.875	3	3.875	.625	BZFZF		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		PS-1060V
E	3.750	2.875	3	3.875	.625	VCFJF		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		PS-4196
K	4.000	2.125	3	3.875	.625	BCFJF		PS-7873
K	4.000	2.500	1	3.875	.625	BCFJF		PS-3518
K	4.000	2.500	3	3.875	.625	BCFKF		PS-2141
K	4.000	2.500	3	3.875	.625	VCFJF		PS-6228
R	4.250	2.750	3	3.875	.625	BCDKF		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	3.000	3	3.875	.625	BCFJF		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
W	3.812	1.687	2	3.875	.625	TCFJF	316SS	PS-9140
<b>3.125 (3-1/8")</b>								
X	3.937	1.687	3	4.000	.781	VCFZF	316SS	PS-8086
<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		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
C	4.406	1.562	3	4.125	.781	VCFKF		PS-6252
D	4.187	2.062	3	4.125	.781	VZFLF	S	PS-3222
D	4.687	2.187	3	4.125	.781	BCFJF		PS-7172
D	4.187	2.187	3	4.125	.781	BZFZF		PS-3827
D	4.687	2.187	3	4.125	.781	VCFJF		PS-6201
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	3.437	3	4.125	.781	BZFZF	C	PS-4174
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
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	4.250	2.875	3	4.125	.781	BCFKF		PS-7244
U	4.125	3.032	3	4.125	.781	BCFJF		PS-4192
U	4.125	3.032	3	4.125	.781	BCFKF		PS-325SS
U	4.125	3.032	3	4.125	.781	BZFZF	C	PS-3157
U	4.125	3.032	3	4.125	.781	VCFKF		PS-325SSV
U	4.125	3.437	3	4.125	.781	QCFLF	316SS/C	PS-4475
U	4.125	3.437	3	4.125	.781	VCFZF		PS-4483
UB	4.125	3.812	5	3.875	.625	BCFZF	C	PS-4393

**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.	OD	Thick			
<b>3.375 (3-3/8")</b>								
C	4.500	2.187	3	4.250	.781	VCFKF		PS-6177
K	4.421	1.750	—	—	—	VCF-F		PS-3961
<b>3.437 (3-7/16")</b>								
U	4.375	2.937	3	4.375	.781	VCPKF		PS-3505
X	4.312	1.687	3	4.312	.781	VCFK*		PS-8106
<b>3.500 (3-1/2")</b>								
C	4.625	2.187	3	4.375	.781	BCFJF		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		PS-4113
T	4.375	4.250	3	4.375	.781	BCFJF		PS-4168
X	4.375	1.687	3	4.375	.781	VCFKF	316SS	PS-3862
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
<b>3.625 (3-5/8")</b>								
E	4.500	3.250	3	4.625	.781	BCFJF		PS-4043
E	4.500	3.750	3	4.625	.562	BCFJF		PS-3499
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	BCFKF	I	PS-8054
<b>3.750 (3-3/4")</b>								
C	4.875	2.312	3	4.625	.781	BCFJF		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
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
<b>3.875 (3-7/8")</b>								
X	4.750	1.688	3	4.750	.781	VCFJF	316SS/I	PS-8055
X	4.750	1.688	3	4.750	.781	VCFKF	316SS/I	PS-8028
<b>4.000 (4")</b>								
EB	4.880	3.750	3	4.625	.781	BCFJF		PS-7853
W	4.875	1.687	2	4.875	.781	TCFJF	316SS	PS-9351
<b>4.375 (4-3/8")</b>								
X	5.250	1.687	3	5.375	.781	VCFKF	316SS	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

## DIMENSIONAL CROSS-REFERENCE

SEAL HEAD			MATING RING			Material Code	NOTES	U.S. Seal Mfg. Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>5.000 (5")</b>								
C	6.375	2.937	3	6.000	.781	VCFJF		PS-4430
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	BCFKF		PS-2140
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>5.375 (5-3/8")</b>								
D	7.375	2.750	3	6.375	.781	VZFLF		PS-6231
<b>5.625 (5-5/8")</b>								
D	7.687	2.750	3	6.625	.781	VCFJF		PS-6230

### NOTES

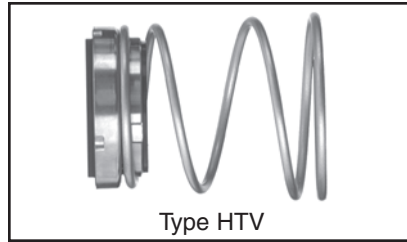
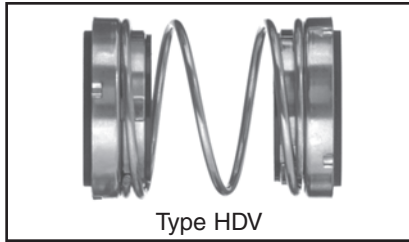
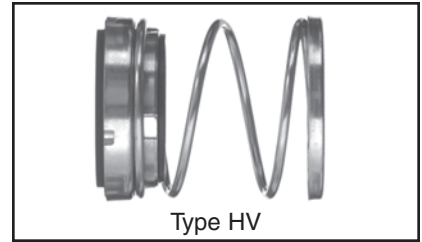
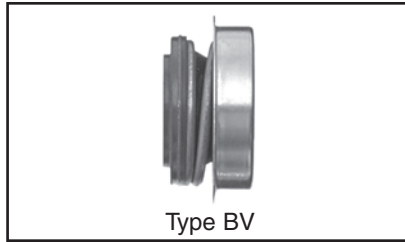
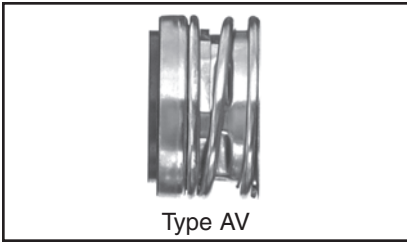
- |                                                                                                                                                                |                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>A. MOUNTS ON SHAFT</li> <li>B. TAPERED SPRING</li> <li>C. COMPLETE WITH COLLAR</li> <li>G. MOUNTS IN PLASTIC</li> </ul> | <ul style="list-style-type: none"> <li>H. SPRING HOLDER NOT INCLUDED</li> <li>I. ABRASION RESISTANT CARBON (P66)</li> <li>N. NON-STANDARD SPRING HOLDER</li> <li>S. SLOTTED MATING RING</li> </ul> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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.

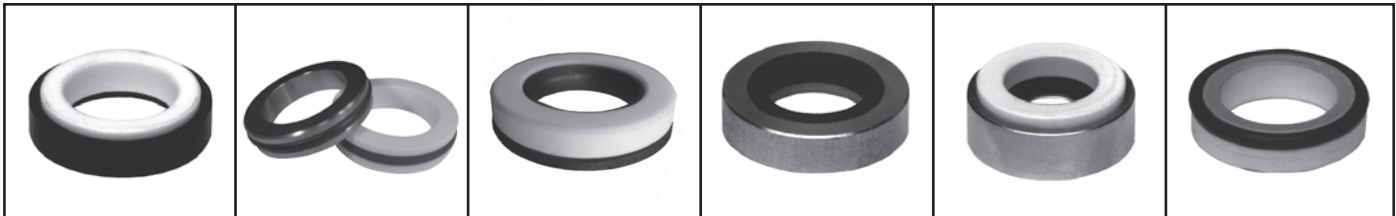


**See pages 197-203 for Packing Styles and Accessories**

**SEAL HEAD TYPES**



**MATING RING DESIGNS**



1. Cup Mounted

3. O-Ring

8. Shaft Mounted

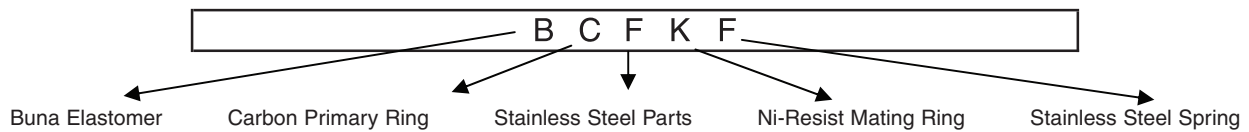
9. Shaft Mounted

11. Shaft Mounted

25. Floating

**VALUE GUARD MATERIAL CODE**

ELASTOMER	PRIMARY RING	METAL PARTS	MATING RING	SPRING
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 186-195 for the Value Guard Metric Line.



### INCH SIZES

SEAL HEAD			MATING RING			Material Code	NOTES	Value Guard Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	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	.213	QLFLF		VG-3920
<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	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	.296	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	1	1.250	.406	VCFKF		VG-633V
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	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	.437	VLFLF		VG-30810
<b>.750 (3/4")</b>								
AV	1.295	.718	1	1.375	.406	BMFJF		VG-201
AV	1.295	.718	1	1.375	.406	QMFJF		VG-201E-CMS
AV	1.295	.718	1	1.375	.406	VCFJF		VG-201V-CMS

**NOTE:** A. MOUNTS ON SHAFT  
 B. TAPERED SPRING  
 G. MOUNTS IN PLASTIC

### INCH SIZES

SEAL HEAD			MATING RING			Material Code	NOTES	Value Guard Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>.750 ( 3/4" ) (continued)</b>								
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	27	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
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>								
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 SIZES

SEAL HEAD			MATING RING			Material Code	NOTES	Value Guard Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	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	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

## INCH SIZES

SEAL HEAD			MATING RING			Material Code	NOTES	Value Guard Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>1.500 (1-1/2") (continued)</b>								
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
HV	2.047	1.688	1	2.125	.437	BCFKF		VG-374
HV	2.047	1.688	1	2.125	.437	VLFLF		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	2.500	.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	VLFLF		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
<b>1.750 (1-3/4")</b>								
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	1	2.625	.500	BCFJF		VG-7252
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	VLZFZ		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	1	2.500	.500	VLFLF		VG-30860
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	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	3	2.750	.500	BCFJF		VG-530
HV	2.583	2.125	3	2.750	.500	BCFKF		VG-477
HV	2.583	2.125	3	2.750	.500	VCFKF		VG-479V

## INCH SIZES

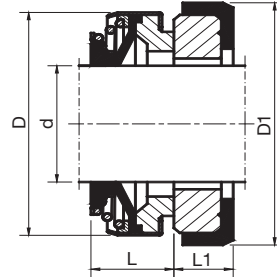
SEAL HEAD			MATING RING			Material Code	NOTES	Value Guard Part No.
Fig.	OD	Oper Hgt.	Fig.	OD	Thick			
<b>2.125 (2-1/8")</b>								
HDV	2.819	2.250	1	3.187	.562	BCFJF		VG-1107
HDV	2.819	2.562	1	3.140	.562	BCFJF		VG-1102
HV	2.819	1.687	1	3.000	.562	BCFJF		VG-844
HV	2.819	1.687	1	3.000	.562	BCFKF		VG-543
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
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
<b>2.250 (2-1/4")</b>								
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	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
<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	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
HV	2.386	2.000	1	2.500	.500	VFLFL		VG-30860

### METRIC SIZES

#### Type VGMA - Complete Seal

Similar To:

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



#### Features

Single Seal - Unbalanced  
Bi-Directional  
Elastomer Bellows

#### Materials\*

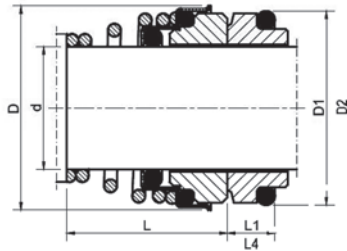
Carbon Rotating Face  
Ceramic Mating Ring  
Buna Elastomer  
304SS Metallurgy

\* Other materials available upon request \*

Seal Size d	Head OD D	Oper. Hgt. L	Mating Ring OD D1	Mating Ring Thick L1	Value Guard Part No.
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

### METRIC SIZES

#### Type VGMB - Complete Seal



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



Seal Size	Head OD	Oper. Hgt.	Mating Ring OD D1	Mating Ring OD D2	Mating Ring Thick L1	Mating Ring Thick L4	Value Guard Part No.
d	D	L					
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 \*

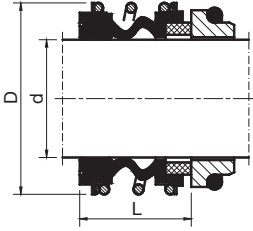
### METRIC SIZES

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

Similar To:

AES B02 & BO12, Burgmann MG1 & MG12

Vulcan 19 & 192



Type VGMC-1

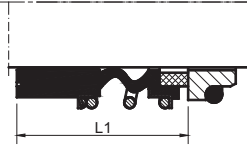
#### Features

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

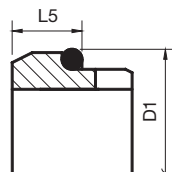
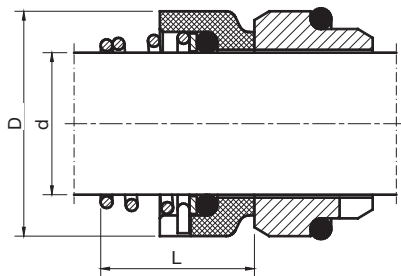
For Mating Ring Part Numbers, See Pages 194-195					
VGMC-1 Oper. Hgt. L	VGMC-1 Head Part No. Buna / Carbon	VGMC-1 Head Part No. Viton® / SC	VGMC-12 Oper. Hgt. L1	VGMC-12 Head Part No. Buna / Carbon	VGMC-12 Head Part No. Viton® / SC
14.5	HD-8090M	HD-8125M	25.9	HD-8154M	HD-8189M
15.0	HD-8091M	HD-8126M	25.9	HD-8155M	HD-8190M
17.0	HD-8092M	HD-8127M	28.4	HD-8156M	HD-8191M
17.0	HD-8093M	HD-8128M	28.4	HD-8157M	HD-8192M
17.0	HD-8094M	HD-8129M	28.4	HD-8158M	HD-8193M
19.5	HD-8095M	HD-8130M	30.0	HD-8159M	HD-8194M
21.5	HD-8096M	HD-8131M	30.0	HD-8160M	HD-8195M
21.5	HD-8097M	HD-8132M	30.0	HD-8161M	HD-8196M
22.5	HD-8098M	HD-8133M	32.5	HD-8162M	HD-8197M
23.0	HD-8099M	HD-8038M	32.5	HD-8163M	HD-8198M
26.5	HD-8100M	HD-8046M	35.0	HD-8164M	HD-8199M
26.5	HD-8101M	HD-8134M	35.0	HD-8165M	HD-8200M
27.5	HD-8102M	HD-8135M	35.0	HD-8166M	HD-8201M
27.5	HD-8103M	HD-8136M	35.0	HD-8167M	HD-8202M
28.5	HD-8104M	HD-8137M	35.0	HD-8168M	HD-8203M
30.0	HD-8105M	HD-8138M	36.0	HD-8169M	HD-8204M
30.0	HD-8106M	HD-8139M	36.0	HD-8170M	HD-8205M
30.0	HD-8107M	HD-8140M	36.0	HD-8171M	HD-8206M
30.0	HD-8108M	HD-8141M	36.0	HD-8172M	HD-8207M
30.0	HD-8109M	HD-8047M	36.0	HD-8173M	HD-8208M
30.5	HD-8110M	HD-8142M	36.0	HD-8174M	HD-8209M
30.5	HD-8111M	HD-8048M	38.0	HD-8175M	HD-8210M
33.0	HD-8112M	HD-8143M	36.5	HD-8176M	HD-8211M
35.0	HD-8113M	HD-8144M	36.5	HD-8177M	HD-8212M
37.0	HD-8114M	HD-8145M	41.5	HD-8178M	HD-8213M
38.0	HD-8115M	HD-8146M	41.5	HD-8179M	HD-8214M
40.0	HD-8116M	HD-8147M	41.5	HD-8180M	HD-8215M
40.0	HD-8117M	HD-8148M	41.5	HD-8181M	HD-8216M
40.0	HD-8118M	HD-8049M	48.7	HD-8182M	HD-8217M
40.0	HD-8119M	HD-8050M	48.7	HD-8183M	HD-8218M
40.0	HD-8120M	HD-8149M	48.0	HD-8184M	HD-8219M
41.0	HD-8121M	HD-8150M	46.0	HD-8185M	HD-8220M
45.0	HD-8122M	HD-8151M	51.0	HD-8186M	HD-8221M
46.0	HD-8123M	HD-8152M	51.0	HD-8187M	HD-8222M
47.0	HD-8124M	HD-8153M	51.0	HD-8188M	HD-8223M

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



**METRIC SIZES**

**Type VGMD - Rotary Head**



Similar To:  
 Burgmann M2



Seal Size d	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

G9 Mating Ring	
Mating Ring OD D1	Mating Ring 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

Specify Rotation	
Right Hand Rotary Viton® / Carbon	Left Hand Rotary Viton® / Carbon
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

**Features**

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

**Mating Ring Information**

Mating Rings sold separately.  
 See pages 194-195  
 Seal also uses Mating Ring styles  
 VGM-G4 and VGM-G6.

**Materials**

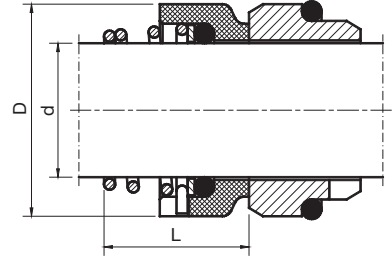
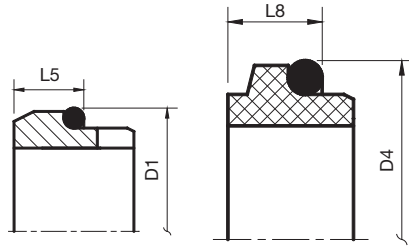
Carbon Rotating Face  
 Viton® Elastomer  
 304SS Metallurgy

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

### METRIC SIZES

#### Type VGME-1 - Rotary Head

Similar To:  
AES T02, Burgmann M3N  
Vulcan 8B



Seal Size d	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

G-9 Mating Ring		G-13 Mating Ring	
Mating Ring OD D1	Mating Ring Thick L5	Mating Ring OD D4	Mating Ring 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

Specify Rotation	
Right Hand Rotary Viton® / 304SS	Left Hand Rotary Viton® / 304SS
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

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

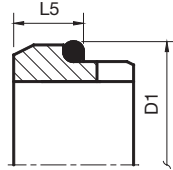
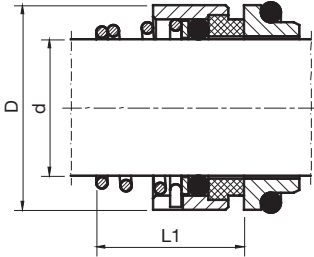
**Mating Ring Information**  
Carbon Mating Rings sold separately.  
See pages 194-195

**Materials**  
304SS Rotating Face  
Viton® Elastomer  
304SS Metallurgy

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

### METRIC SIZES

#### Type VGME-2 - Rotary Head



Similar To:  
Burgmann M32



Seal Size d	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	54.0
68	88	55.3
70	90	56.3
75	98	56.3
80	103	59.3

G9 Mating Ring	
Mating Ring OD D1	Mating Ring 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

Specify Rotation	
Right Hand Rotary Viton® / Carbon	Left Hand Rotary Viton® / Carbon
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

#### Features

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

#### Mating Ring Information

Mating Rings sold separately.  
See pages 194-195  
Seal also uses Mating Ring styles  
VGM-G4 and VGM-G6.

#### Materials

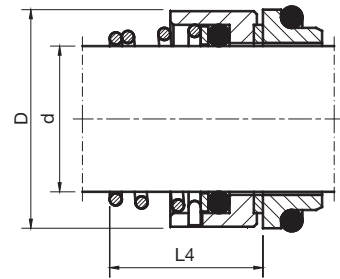
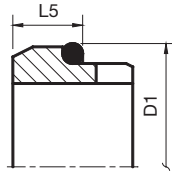
Shrink-Fitted Carbon Rotating Face  
Viton® Elastomer  
304SS Metallurgy

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

### METRIC SIZES

#### Type VGME-3 - Rotary Head

Similar To:  
AES T01 DIN,  
Vulcan 8 DIN,  
Burgmann 37G



Seal Size d	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

G-9 Mating Ring	
Mating Ring OD D1	Mating Ring 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

Specify Rotation	
Right Hand Rotary Viton® / SC	Left Hand Rotary Viton® / SC
HD-8349MRH	HD-8349MLH
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

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

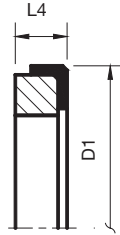
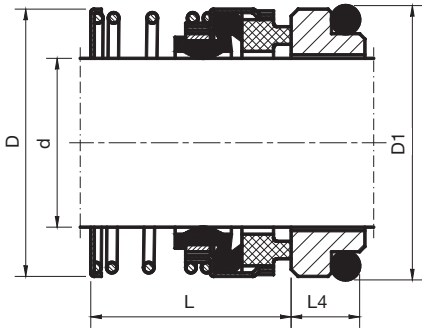
Mating Ring Information
Mating Rings sold separately. See pages 194-195 Seal also uses Mating Ring styles VGM-G4 and VGM-G6.

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

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

### METRIC SIZES

#### Type VGMH - Rotary Head



Similar To:  
AES PO3, Sealol Type 43  
Vulcan 24

Seal Size d	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

Mating Ring OD D1	Mating Ring 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

Rotary Part No. Buna / Carbon	Rotary Part No. Viton® / SC
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

#### Features

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

#### Mating Ring Information

Mating Rings sold separately.  
See pages 194-195  
Seal shown with Mating Ring  
styles VGM-G6 and VGM-G60.

#### Materials

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

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

## METRIC SIZES

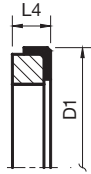
### Type VGM-G Mating Rings

### Features

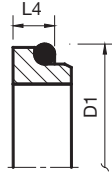
To DIN 24960

Standard Materials:  
VGM-G60, VGM-G6 & VGM-G9,  
Viton® / Silicon Carbide

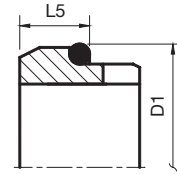
VGM-G9 also available in  
Viton® / Carbon



G60



G6



G9

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

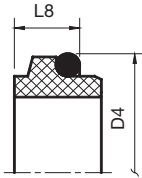
Mating Ring OD D1	Mating Ring Thick L5	VGM-G9 Viton® / Carbon Part No.	VGM-G9 Viton® / SC Part No.
21	10.0	STG9VCA10	STG9VSC10
23	10.0	STG9VCA12	STG9VSC12
25	10.0	STG9VCA14	STG9VSC14
27	10.0	STG9VCA15	STG9VSC15
27	10.0	STG9VCA16	STG9VSC16
33	11.5	STG9VCA18	STG9VSC18
35	11.5	STG9VCA20	STG9VSC20
37	11.5	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 \*

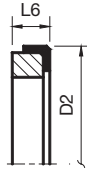
### METRIC SIZES

#### Type VGM-G Mating Rings

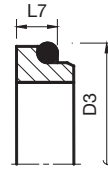
Standard Materials:  
**VGM-G50 & VGM-G4, Viton® / Silicon Carbide**  
**VGM-G13 & VGM-G606, Viton® / Carbon**



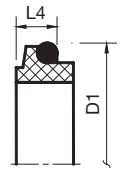
G13



G50



G4



G606

Seal Size d	Mating Ring D4	Mating Ring Thick L8	Mating Ring OD D2	Mating Ring Thick L6	VGM-G13 Viton® / Carbon Part No.	VGM-G50 Viton® / SC Part No.
10	19.2	7.1	24.60	9.0	STG13VCA10	STG50VSC10
12	21.6	7.6	27.80	9.0	STG13VCA12	STG50VSC12
14	24.6	7.6	30.95	10.5	STG13VCA14	STG50VSC14
15	24.6	8.6	30.95	10.5	STG13VCA15	STG50VSC15
16	28.0	9.0	30.95	10.5	STG13VCA16	STG50VSC16
18	30.0	10.0	34.15	10.5	STG13VCA18	STG50VSC18
20	35.0	9.5	35.70	10.5	STG13VCA20	STG50VSC20
22	35.0	9.5	37.30	10.5	STG13VCA22	STG50VSC22
24	38.0	9.5	40.50	10.5	STG13VCA24	STG50VSC24
25	38.0	9.5	40.50	10.5	STG13VCA25	STG50VSC25
28	42.0	11.0	47.65	12.0	STG13VCA28	STG50VSC28
30	45.0	11.0	50.80	12.0	STG13VCA30	STG50VSC30
32	48.0	11.0	50.80	12.0	STG13VCA32	STG50VSC32
33	50.0	11.5	54.00	12.0	STG13VCA33	STG50VSC33
35	52.0	11.5	54.00	12.0	STG13VCA35	STG50VSC35
38	55.0	11.5	57.15	12.0	STG13VCA38	STG50VSC38
40	58.0	11.5	60.35	12.0	STG13VCA40	STG50VSC40
42	60.0	14.3	63.50	12.0	STG13VCA42	STG50VSC42
43	62.0	14.3	63.50	12.0	STG13VCA43	STG50VSC43
45	64.0	14.3	63.50	12.0	STG13VCA45	STG50VSC45
48	68.4	14.3	66.70	12.0	STG13VCA48	STG50VSC48
50	69.3	14.3	69.85	13.5	STG13VCA50	STG50VSC50
53	72.3	15.3	73.05	13.5	STG13VCA53	STG50VSC53
55	75.4	15.3	76.20	13.5	STG13VCA55	STG50VSC55
58	78.4	15.3	79.40	13.5	STG13VCA58	STG50VSC58
60	80.4	15.3	79.40	13.5	STG13VCA60	STG50VSC60
65	85.4	15.3	92.10	16.0	STG13VCA65	STG50VSC65
68	91.5	16.0	95.25	16.0	STG13VCA68	STG50VSC68
70	92.0	15.3	95.25	16.0	STG13VCA70	STG50VSC70
75	99.0	15.3	101.60	16.0	STG13VCA75	STG50VSC75
80	104.0	16.3	114.30	20.0	STG13VCA80	STG50VSC80
85	INQ	INQ	117.50	20.0	STG13VCA85	STG50VSC85
90	INQ	INQ	123.85	20.0	STG13VCA90	STG50VSC90
95	INQ	INQ	127.00	20.0	STG13VCA95	STG50VSC95
100	INQ	INQ	133.35	20.0	STG13VCA100	STG50VSC100

Mating Ring OD D3	Mating Ring Thick L7	VGM-G4 Viton® / SC Part No.
19.2	6.6	STG4VSC10
21.6	5.6	STG4VSC12
24.6	5.6	STG4VSC14
24.6	6.6	STG4VSC15
28.0	7.5	STG4VSC16
30.0	8.0	STG4VSC18
35.0	7.5	STG4VSC20
35.0	7.5	STG4VSC22
38.0	7.5	STG4VSC24
38.0	7.5	STG4VSC25
42.0	9.0	STG4VSC28
45.0	10.5	STG4VSC30
48.0	10.5	STG4VSC32
50.0	11.0	STG4VSC33
52.0	11.0	STG4VSC35
55.0	10.3	STG4VSC38
58.0	10.8	STG4VSC40
62.0	12.0	STG4VSC42
62.0	12.0	STG4VSC43
64.0	11.6	STG4VSC45
68.4	11.6	STG4VSC48
69.3	11.6	STG4VSC50
72.3	12.3	STG4VSC53
75.4	13.3	STG4VSC55
78.4	13.3	STG4VSC58
80.4	13.3	STG4VSC60
85.4	13.0	STG4VSC65
91.5	13.7	STG4VSC68
92.0	13.0	STG4VSC70
99.0	14.0	STG4VSC75
104.0	15.0	STG4VSC80
109.0	14.8	STG4VSC85
114.0	14.8	STG4VSC90
120.3	15.8	STG4VSC95
123.3	15.8	STG4VSC100

Mating Ring OD D1	Mating Ring Thick L4	VGM-G606 Viton® / Carbon Part No.
21	6.6	STG606VCA10
23	6.6	STG606VCA12
25	6.6	STG606VCA14
27	6.6	STG606VCA15
27	6.6	STG606VCA16
33	7.5	STG606VCA18
35	7.5	STG606VCA20
37	7.5	STG606VCA22
39	7.5	STG606VCA24
40	7.5	STG606VCA25
43	7.5	STG606VCA28
45	7.5	STG606VCA30
48	7.5	STG606VCA32
48	7.5	STG606VCA33
50	7.5	STG606VCA35
56	9.0	STG606VCA38
58	9.0	STG606VCA40
61	9.0	STG606VCA42
61	9.0	STG606VCA43
63	9.0	STG606VCA45
66	9.0	STG606VCA48
70	9.5	STG606VCA50
73	11.0	STG606VCA53
75	11.0	STG606VCA55
78	11.0	STG606VCA58
80	11.0	STG606VCA60
85	11.0	STG606VCA65
90	11.3	STG606VCA68
92	11.3	STG606VCA70
97	11.3	STG606VCA75
105	12.0	STG606VCA80
110	14.0	STG606VCA85
115	14.0	STG606VCA90
120	14.0	STG606VCA95
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.

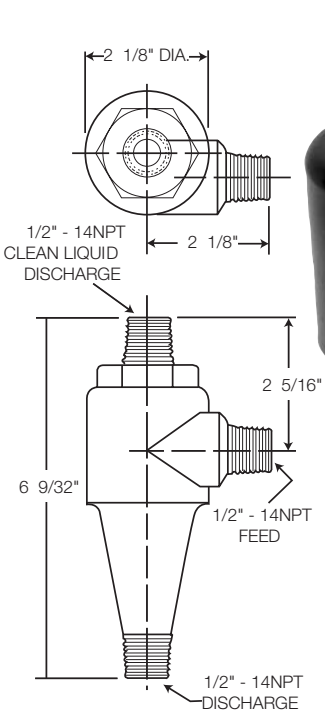
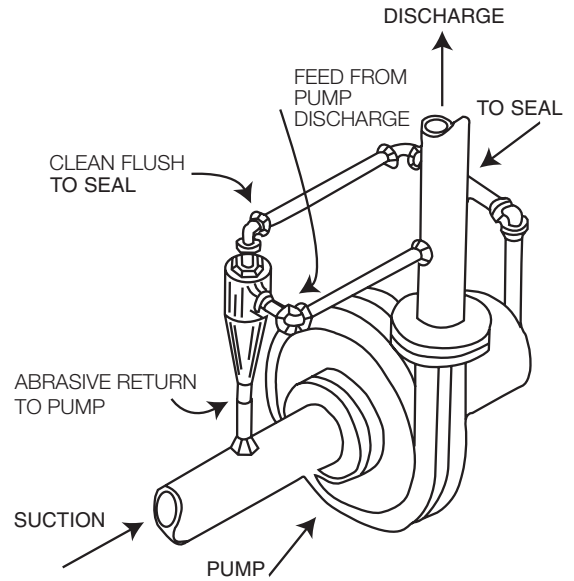
The clean fluid from the separator is injected into the stuffing box providing a positive circulation and cool environment for the seal.

## Required Operating Conditions

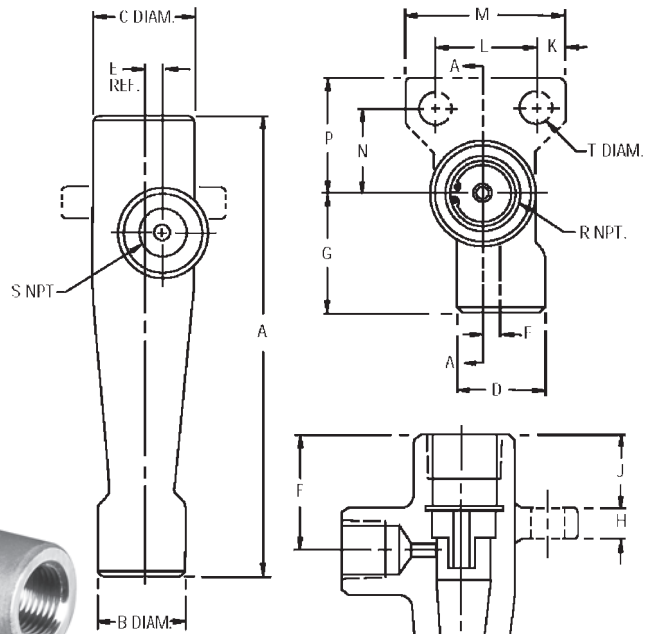
Minimum pressure differential of 20 PSI should be maintained between pump suction and pump discharge.

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**



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

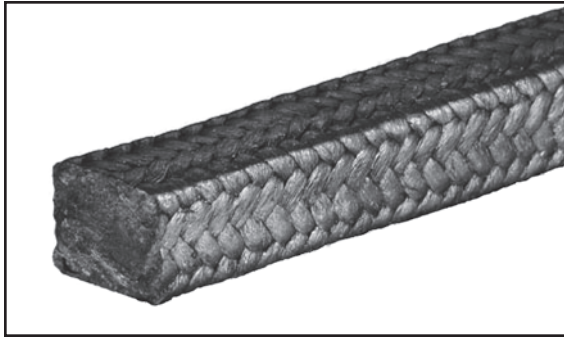
Cyclone separators are only effective with products in suspension, such as sand, iron oxide, or dirt. Product dissolved in the liquid can not be removed by a cyclone separator

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"	—	—

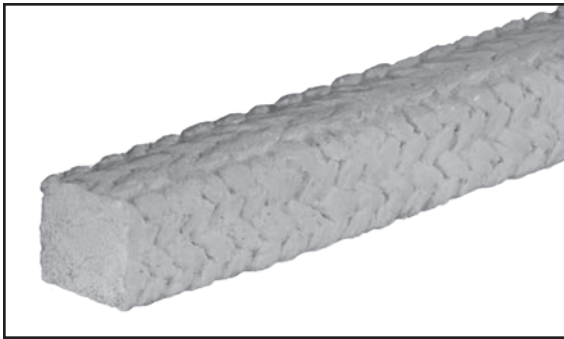
Five Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	USP-012505058	449.64
3/16"	USP-018705058	196.70
1/4"	USP-025005058	110.06
5/16"	USP-031205058	70.66
3/8"	USP-037505058	48.91
7/16"	USP-043705058	36.02
1/2"	USP-050005058	27.51
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

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"	—	—

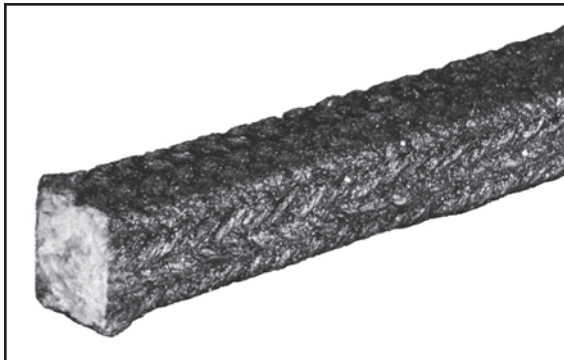
Five Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	USP-012505302	581.40
3/16"	USP-018705302	273.67
1/4"	USP-025005302	145.31
5/16"	USP-031205302	93.28
3/8"	USP-037505302	64.54
7/16"	USP-043705302	47.55
1/2"	USP-050005302	36.33
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

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"	—	—

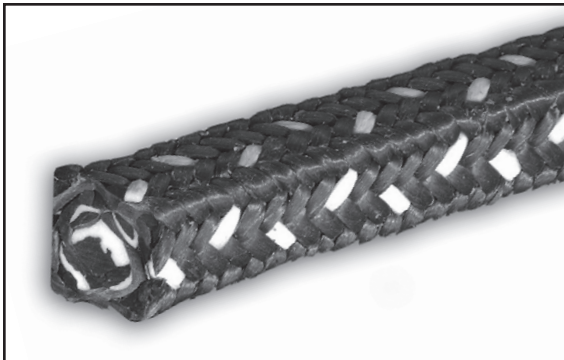
Three Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	USP-012503303	454.55
3/16"	USP-018703303	217.55
1/4"	USP-025003303	99.97
5/16"	USP-031203303	77.74
3/8"	USP-037503303	53.91
7/16"	USP-043703303	39.62
1/2"	USP-050003303	30.26
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

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

### Construction Features

Lattice Braid

### 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

### 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"	—	—

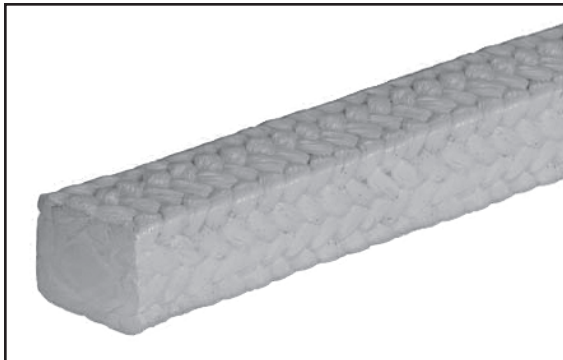
Five Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	N/A	—
3/16"	USP-018705310	236.00
1/4"	USP-025005310	139.00
5/16"	USP-031205310	89.50
3/8"	USP-037505310	62.50
7/16"	USP-043705310	46.00
1/2"	USP-050005310	35.00
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

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"	—	—
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



### 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

### Construction Features

Lattice Braid

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

### 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.

### Applications

Food and Beverage packaging  
Pharmaceutical production

### Typical Equipment

Rotating and reciprocating equipment, valves

### Industries Served

- Food and Beverage
- Pharmaceutical

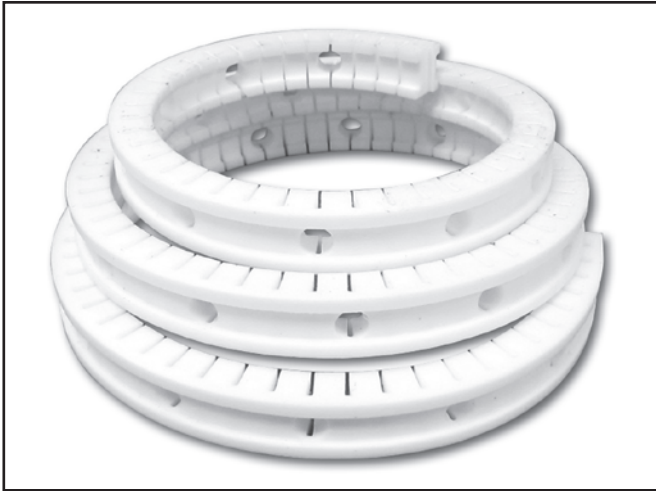
One Pound Box		
Cross Section	U.S. Seal Mfg. Part Number	Feet / Box
1/8"	USP-012501792	89.93
3/16"	USP-018701792	39.34
1/4"	USP-025001792	22.01
5/16"	USP-031201792	14.13
3/8"	USP-037501792	9.78
7/16"	USP-043701792	7.20
1/2"	USP-050001792	5.50
9/16"	—	—
5/8"	—	—
3/4"	—	—
7/8"	—	—
1"	—	—

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



## 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.

## Performance Capabilities

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

## Applications

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

## Typical Equipment

Rotating and reciprocating equipment, valves

## Construction Features

4 Foot Strip

## 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-350V	2.375	E	—	VCF-F
FA-513V	1.875	E	—	VCF-F
FA-607	1.125	E	—	BCF-F
FA-608V	1.125	E	—	VCF-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-2120	2.125	C	—	BCF-F
FA-3502	2.125	E	—	BCF-F
FA-4193	1.875	E	—	VCF-F
FA-4268	1.375	CB	—	BCF-F
FA-4408	.875	DB	—	XCF-F
FA-9400	1.750	WT	—	TCF-F
FA-10033	.500	C	—	VCF-F
FA-10036	.875	C	—	VCF-F
FA-10040	1.250	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
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-102V	.625	D	3	VCDKF
PS-106	.500	C	1	BCFKF
PS-106-EPR	.500	C	1	QCFKF
PS-106V	.500	C	1	VCFKF
PS-108	1.250	E	1	NCPKP
PS-109	.625	D	—	BCD-F
PS-112	.750	C	1	BCFKF
PS-112-EPR	.750	C	1	QCFKF
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	BCDJF
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

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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	VZFFZ
PS-141	1.000	R	—	BCF-F
PS-142	.500	B	1	BMFJF
PS-142V	.500	B	1	VCFJF
PS-145	.750	K	—	BCF-F
PS-147	1.750	D	—	BCD-F
PS-147-EPR-P66	1.750	D	—	QCD-F
PS-150	.500	B	—	BMF-F
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-154	1.250	C	—	BCF-F
PS-157	.750	C	—	BCF-F
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-169	1.250	K	—	BCF-F
PS-172	1.375	C	—	BCF-F
PS-172V	1.375	C	—	VCF-F
PS-172V-SC	1.375	C	—	VLF-F
PS-175	.750	K	1	BCFJF
PS-177	1.375	C	1	BCFJF
PS-177-EPR	1.375	C	1	QCFJF
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	VLFJF
PS-177V-SC-SEAT	1.375	C	1	VCFJF
PS-178	1.375	R	1	BCDJF
PS-182	.750	C	20	NCPGP
PS-185	1.250	C	1	BCFJF
PS-185-EPR	1.250	C	1	QCFJF
PS-185-EPR-P66	1.250	C	1	QCFJF
PS-185-EPR-SC	1.250	C	3	QCFLF
PS-185-EPR-TC	1.250	C	3	QCFZF
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
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	VLFJF
PS-185V-SC-SEAT	1.250	C	1	VCFJF
PS-185V-SC-TC	1.250	C	1	VLFZF
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	VZFFZ
PS-186	1.375	D	1	BCDKF
PS-186-EPR-SC-SEAT	1.375	D	1	QCFLF



# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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	NCFGF
PS-193	2.000	D	3	NCPGP
PS-196	2.000	D	—	BCD-F
PS-197	.875	K	—	BCF-F
PS-200	.625	A	1	BMFJF
PS-200-EPR	.625	A	1	QCFJF
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	QCFJF
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-CM	1.750	E	1	VZFZF
PS-208	.875	C	—	BCF-F
PS-208V	.875	C	—	BCF-F
PS-209	1.375	K	—	BCF-F
PS-210	1.375	C	1	BCFKF
PS-210-EPR	1.375	C	3	QCFKF
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-213	1.750	R	—	BCD-F
PS-215	1.125	K	—	BCF-F
PS-216	1.500	K	—	BCF-F
PS-217	1.750	R	1	BCDKF
PS-218	.625	A	—	BCF-F
PS-223	1.875	D	—	BCD-F
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-228V	1.250	K	3	VCFKF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-228V-CMS	1.250	K	1	VCFKF
PS-229	.875	E	3	BCFKF
PS-235	1.000	C	1	BCFJF
PS-235-EPR	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
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 SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Dia.	Head Type	Mating Ring	Material Code
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	B/VLFZF
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	VLFZF
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-274	.625	E	1	BCDJF
PS-274V	.625	E	3	VCDJF
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-279-CMS-P66	2.500	E	1	BCFJF
PS-279V	2.500	E	3	VCFJF
PS-279V-SC-TC	2.500	E	3	VLFZF

U.S. Seal Mfg. Part No.	Seal Dia.	Head Type	Mating Ring	Material Code
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	QCCKF
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-298	.500	A	—	BMF-F
PS-299	.625	A	—	BMF-F
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	VCDZF
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-305-SC-SC-CMS	1.500	E	1	VLFLF
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-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
PS-312V	1.875	C	3	VCFKF
PS-314	1.500	E	3	BCFJF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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-325SSV	3.250	U	3	VCFKF
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-332-EPR-SC	2.000	C	3	QCF-F
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-348	1.125	C	—	BCF-F

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-348V	1.125	C	—	VCF-F
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	QCFLF
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

# PS SEAL INDEX

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-376	1.375	D	—	BCD-F
PS-376-EPR-P66	1.375	D	—	QCD-F
PS-376V	1.375	D	—	VCD-F
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

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-392-EPR-P66	.500	C	1	QCFJF
PS-392-P66	.500	C	1	B/QCFJF
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-397	1.000	C	—	BCF-F
PS-397-NEOPRENE	1.000	C	—	NCF-F
PS-397V	1.000	C	—	VCF-F
PS-398	1.000	D	—	BCF-F
PS-399	.750	D	—	BCD-F
PS-400	.500	C	—	BMF-F
PS-400A	.500	C	1	B--J-
PS-400V	.500	C	—	VCF-F
PS-401	.500	C	—	BCF-F
PS-401A	.500	C	1	BCFJF
PS-401-P66	.500	C	—	BCF-F
PS-401V	.500	C	—	VCF-F
PS-404	1.375	D	25	BCDJF
PS-405	1.000	A	27	B/VCFJF
PS-411	.625	B	11	BMFJF
PS-411V	.625	B	11	VCFJF
PS-413	1.000	C	27	BCFJF
PS-413V	1.000	C	27	VCFJF
PS-416	1.250	D	—	BCF-F
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-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 SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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	VLVZF
PS-446V-TC-SEAT	1.750	C	1	VCFZF
PS-446V-TC-TC	1.750	C	1	VZFZF
PS-447	.625	B	8	BCFJF
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-EPR-SC	1.750	C	1	QCFLF
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	VLVZF
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	VLFLF
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-SCMS	1.250	C	1	VLFLF
PS-467	1.375	C	1	BCFKF
PS-467V	1.375	C	3	VCFKF
PS-468	2.500	D	3	BCDJF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-469	2.500	D	3	BCDKF
PS-475	3.000	E	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-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-484	1.625	E	1	BCDKF
PS-485	.625	E	1	BCDJF
PS-486	.625	E	1	BCDKF
PS-487	.625	E	1	BCDKF
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 SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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
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-524	.625	A	1	BCFKF
PS-524-EPR	.625	A	1	QCFJF
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	VCFJF
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	BCFJF
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-548	1.000	C	3	BCFJF
PS-550	1.750	C	3	BCFJF
PS-552	.625	C	3	BCFJF
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

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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-564	.750	C	—	BCF-F
PS-578	.875	D	—	BCD-F
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-588	1.125	C	3	BCFKF
PS-593	1.875	D	3	BCDKF
PS-594	2.375	D	3	BCDKF
PS-594-P66	2.375	D	3	BCDKF
PS-595	1.625	E	3	BCDJF
PS-598	1.250	C	3	BCFKF
PS-598-EPR	1.250	C	3	QCFKF
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	QCFJF
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-607V	1.125	E	1	VCFJF
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	VCFKF
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	QCFJF
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 SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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	3	VZFLF
PS-633V-TC-SEAT	.625	C	3	VCFZF
PS-637	.625	A	3	BMFJF
PS-642	.625	B	—	BMF-F
PS-647	.750	B	—	BMF-F
PS-658	2.000	R	1	BCDKF
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	BCDJF
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-677-TC-TC-CMS	1.375	E	1	BZFZF
PS-677V	1.375	E	3	VCFKF
PS-678	.625	K	—	BCF-F
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

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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	QCCKF
PS-737	.625	D	3	BCDJF
PS-738	.625	E	3	BCDV/KF
PS-739	.625	E	3	BCDJF
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	VCDJF
PS-745V-CMS	1.625	E	1	VCDJF
PS-748	.625	E	3	BCDJF
PS-749	.500	Q	1	BMFJF
PS-750	.750	D	1	BCDJF
PS-750-EPR	.750	D	1	QCCKF
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	QCCKF
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	VCFJF
PS-756V-SC-TC	1.250	C	3	VLFZF
PS-758	1.500	C	1	BCFJF
PS-758-EPR	1.500	C	3	QCCKF
PS-758-EPR-CMS	1.500	C	1	QCCKF
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	VLFLF
PS-758V-SC-SEAT	1.500	C	1	VCFJF
PS-758V-TC-SC-CMS	1.500	C	1	VZFLF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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	BCFJF
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
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-798	1.062	E	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	BCDJF
PS-834-CMS-P66	2.375	D	1	BCDJF
PS-834-EPR	2.375	D	3	QCFJF
PS-834-P66	2.375	D	3	BCDJF
PS-834-TC-SEAT	2.375	D	3	BCDZF
PS-835	2.500	D	3	BCDJF
PS-836	2.750	C	3	BCFJF
PS-836-CMS	2.750	C	1	BCFJF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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-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	1.375	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	VLFLF
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-882	.625	B	—	BCF-F
PS-883	1.250	K	1	BCFJF
PS-883V-CMS	1.250	K	1	VCFJF
PS-884	1.500	K	1	BCFKF



# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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-928	.562	C	—	BCF-F
PS-929	1.375	C	25	BCFJF
PS-933	.625	C	—	BCF-F
PS-933V	.625	C	—	VCF-F
PS-935	.875	E	1	BCFKF
PS-935V-CMS	.875	E	1	VCFKF
PS-936	.875	E	—	BCF-F
PS-937	1.000	E	—	BCF-F
PS-939	1.500	D	—	BCF-F
PS-941	2.250	D	1	BCDKF
PS-941-EPR	2.250	D	1	QCDKF
PS-941V	2.250	D	3	VCDKF
PS-942	2.250	D	---	BCD-F
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-974	.750	A	—	BCF-F
PS-975	1.000	A	—	BCF-F
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

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-978V-P66-TC	1.250	C	1	VCFZF
PS-978V-P90	1.250	C	1	VRFJF
PS-978V-SC-P66	1.250	C	1	VCFLF
PS-978V-SC-SC	1.250	C	1	VLFLF
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	BCFKF
PS-982V-CMS	1.000	C	1	VCFJF
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-1012V	.500	C	1	VCFJF
PS-1015	1.250	E	—	BCF-F
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	QCFKF
PS-1018-EPR-P66	1.250	C	3	QCFKF
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	QCFKF
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 SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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-1050	.500	C	—	BCF-F
PS-1053	1.250	C	3	B/VCFKF
PS-1055	1.750	C	—	BCF-F
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	QCFJF
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
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	V/BCFJF
PS-1085V	.625	C	1	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	QCFJF
PS-1094-P66	1.000	C	1	VCFJF
PS-1095	1.000	C	—	BCF-F
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

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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	QCFKF
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	QCFJF
PS-1125-P66	.750	C	1	BCFJF
PS-1125-SC-SC	.750	C	1	BLFLF
PS-1128	1.250	D	3	NCPKF
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-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-1193	1.562	E	3	BCDKF
PS-1194	1.562	E	1	BCDKF
PS-1195	1.625	K	1	BCFJF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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-1514	.750	C	1	BCFJF
PS-1514V	.750	C	1	VCFJF
PS-1522	.750	A	—	BMF-F
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	B	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	BCKPF
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	BCKPF
PS-1634V	1.437	E	3	VCPKF
PS-1636	1.125	E	3	B/VCFJF
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

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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-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	VLFLF
PS-1901	.625	G	1	VLFLF
PS-1902	.750	G	1	VLFLF
PS-1903	.625	A	1	VLFLF
PS-1904	.750	B	1	VLFLF
PS-1905	.625	B	1	VLFLF
PS-1906	.625	G	1	VLFLF
PS-1907	.625	G	1	VCLFLF
PS-1908	.750	A	1	VLFLF
PS-1909	1.000	G	1	VLFLF
PS-1910	1.250	C	25	VLFLF
PS-1911	1.625	C	25	VLFLF
PS-1912	.625	G	1	VLFLF
PS-2000	.625	D	1	BCFJF
PS-2000V-CMS	.625	D	1	VCFJF
PS-2002	.625	D	3	BCFJF
PS-2004	.625	D	1	BCFJF
PS-2007	.625	D	1	BCFKF
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	.625	E	3	BCFKF
PS-2016	.625	E	1	BCFJF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-2017	.625	E	1	BCFKF
PS-2020	.625	E	1	BCFJF
PS-2021	.625	E	1	BCFKF
PS-2022	.625	E	3	BCFJF
PS-2023	.625	E	3	BCFKF
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
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-2104	1.375	E	—	BCF-F
PS-2104V	1.375	E	—	VCF-F
PS-2106	1.500	E	—	BCF-F
PS-2106V	1.500	E	—	VCF-F
PS-2107	1.625	C	—	BCF-F
PS-2108	1.750	C	—	BCF-F
PS-2108-EPR-P66	1.750	C	—	QCF-F
PS-2109	1.750	E	—	BCF-F
PS-2109-AFLAS	1.750	E	—	XCF-F
PS-2109-P66	1.750	E	—	BCF-F

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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-2137	1.500	E	1	BCFKF
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-2147	2.500	V	3	BCFJF
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-2151-EPR-P66	1.750	C	3	QCFKF
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-SEAT	2.750	C	3	B/VCFZF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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	QCFKF
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	QCFKF
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	QCFKF
PS-2203-CMS	1.250	C	1	QCFKF
PS-2204	.625	A	1	VCFZF
PS-2205	2.500	E	3	BCFKF
PS-2205-EPR	2.500	E	3	QCFKF
PS-2206	.625	C	3	QCFKF
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
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	QCFKF
PS-2223	1.500	C	3	VCFZF
PS-2223-SC-SEAT	1.500	C	3	VCFLF
PS-2224	.875	C	3	QCFKF
PS-2226	1.125	C	3	QCFZF
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

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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-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	3	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-3017	1.875	G	1	BCFJF
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-3029	1.250	C	1	BCFJF
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
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 SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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-3082	.375	C	3	Q/NCFJF
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	.625	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-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-3123	1.750	T	3	VLFLF/ 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	QCFZF
PS-3135	.787	D	1	BCFKF
PS-3136	1.500	D	2	BCDKF
PS-3137	1.125	C	3	VCFLF
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	BZFLF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-3146	1.250	C	1	BZFLF
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	1.250	K	1	BZFLF
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	BZFZF
PS-3158	1.771	G	25	VLFLF
PS-3159	.625	B	8	BCFJF
PS-3160	1.500	C	3	QCFZF
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	BZFLF
PS-3167	.984	D	1	VCFZF
PS-3169	1.750	E	3	VCFKF
PS-3170	2.000	G	25	VCFLF
PS-3171	1.625	C	3	VCFJF
PS-3172	.500	C	3	BCFKF
PS-3173	1.250	C	3	VCFKF
PS-3174	1.500	C	3	BCFKF
PS-3175	1.250	C	1	VCFZF
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-3182	2.250	C	1	BLFLF
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	VLZFZ
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-3196	1.375	K	3	VCFJF
PS-3197	.500	C	3	VCFJF
PS-3198	1.375	V	3	BCFJF
PS-3200	.625	G	1	VCFJF
PS-3201	.625	C	1	QCFLF
PS-3202	.625	B	1	QCFJF
PS-3204	.625	G	1	BCFJF
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 SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-3222	3.250	D	3	VZFLF
PS-3223	1.625	D	3	BZFLF
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-3231	3.000	C	3	VZFLF
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-3401	1.000	Q	9	NMDKF
PS-3440	1.000	C	1	BCFJF
PS-3440V	1.000	C	1	V/BCFJF
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	QCFKF
PS-3528	1.250	E	1	QCFLF
PS-3530	2.250	E	3	B/VZFZF
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-3545	1.375	EB	3	B/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-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-3578EPR	.437	C	1	QCFJF
PS-3578V	.437	C	1	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	QCFJF
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

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-3607	1.250	T	3	NAFGF
PS-3611	1.250	WT	2	TCFOF
PS-3613	.625	C	1	VLFLF
PS-3615	1.500	EB	3	VCFZF
PS-3616	1.625	C	1	QCFKF
PS-3619	1.000	C	3	VCFKF
PS-3625	1.000	E	1	VCFZF
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	BCEJE
PS-3674	2.000	C	1	QCFKF
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-3690	1.750	E	5	VCFZF
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-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	QCFJF
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-3730	1.375	C	—	NFF-F
PS-3731	1.125	Special	3	BCPKP
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 SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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	BZFLF
PS-3772	1.625	D	3	VZFLF
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
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	C	1	VLFLF
PS-3854	1.375	Q	25	BMPAP
PS-3855	.750	D	3	VLFLF
PS-3856	1.125	E	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

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-3869	.625	G	1	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	VZFLF
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-3897	2.125	E	3	VCFJF
PS-3899	1.750	T	3	VZFZF/ VCFZF
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-3909	.500	G	1	BLFLF
PS-3910	.625	G	1	BLFLF
PS-3911	.875	C	1	BLFLF
PS-3913	.500	C	1	BCFJF
PS-3915	.625	C	1	BCFJF
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-3961	3.375	K	—	VCF-F



# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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-3976	1.000	E	3	VCFJF
PS-3977	.625	A	1	VLFLF
PS-3979	1.500	C	Special	BCFKF
PS-3981	.625	C	3	QCCKF
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	E	3	VCFZF
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
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	QCCKF
PS-4028	2.875	K	3 Special	NCFGF
PS-4029	1.250	C	1	QCCKF
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-4039	1.692	G	1	VLFLF
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	QCCKF
PS-4057	1.375	C	3	QCCKF
PS-4059	.625	G	3	VCFLF
PS-4060	.437	G	1	BCFJF
PS-4061	.437	G	1	QCCKF
PS-4062	.437	G	1	QCCKF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-4063	.437	G	1	VCFJF
PS-4067	1.437	E	3	VCFKF
PS-4068	1.625	C	3	QCCKF
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-4074	1.625	D	3	VCFLF
PS-4076	1.625	D	3	VCFLF
PS-4079	2.125	D	3	VCFLF
PS-4080	2.125	D	3	VCFLF
PS-4081	1.000	C	1	BCFJF
PS-4082	3.000	E	3	BCFJF
PS-4085	1.875	E	3	VCFLF
PS-4086	3.000	C	1	VCFJF
PS-4087	1.375	E	—	VCF-F
PS-4088	1.500	EB	3	QCCKF
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	QCCKF
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-4109	2.500	T	3	VZFLF
PS-4113	3.500	T	3	BCFKF
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	VCFKF
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-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	QCCKF
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-4155	.625	G	1	VLFLF
PS-4156	1.250	C	1	QLFLF
PS-4158	.625	B	1	BLFLF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-4159	1.625	EB	3	VCFJF
PS-4162	2.375	E	3	QLFLF
PS-4163	1.375	E	—	QCF-F
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	E	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
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	E	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-4218	.500	B	—	BCF-F
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-4223	1.125	D	1	BLFZF
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/.750	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-4238	1.375	C	1	BLFLF
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-4248	2.125	C	3	BCFJF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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-4272	.625	C	1	BCFJF
PS-4272V	.625	C	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	1.750	T	3	VCFJF
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-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
PS-4297	1.000	D	1	VLFZF
PS-4298	1.187	D	3	NCPKP
PS-4300	1.125	E	3	VCFLF
PS-4301	1.000	K	1	BLFLF/ BCFJF
PS-4302	1.187	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	3	NCLF
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 SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-4343	2.000	K	3	BZFZF/ BCFJF
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	QCFKF
PS-4357	2.000	G	25	QCFLF
PS-4358	.625	C	3	QCFZF
PS-4359	1.000	C	1	BCFJF
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	XLFZF
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
PS-4378	3.000	C	1	VLZFZ
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	VLZFZ
PS-4395	.875	C	1	BCELE
PS-4396	1.625	E	3	VCFKF
PS-4399	1.750	D	3	XCFJF
PS-4400	1.437	R	3	VCFKF
PS-4402	.625	C	3	VCFZF
PS-4403	.625	B	Special	BMFSF
PS-4404	.625	G	1	BCFJF
PS-4405	1.750	T	3	VCFLF/ VCFJF
PS-4407	1.500	E	1	QLFLF
PS-4408	1.500	D	3	B/VCPKP
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	VCFKF
PS-4421	1.125	E	3	QCFJF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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	XZFLF
PS-4434	2.125	E	3	VLJFJ
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	QCFZF
PS-4442	.625	C	3	VCFKF
PS-4443	1.125	C	1	BCFLF
PS-4446	2.750	E	3	VZFZF
PS-4447	1.500	C	3	VLZFZ
PS-4451	.500	E	Special	QCPKF
PS-4454	1.125	C	3	VCFZF
PS-4455	1.437	D	3	VCPKF
PS-4456	1.375	T	1	VCFJF
PS-4459	1.500	E	3	QLFLF
PS-4460	1.250	C	3	XLFZF
PS-4461	1.750	C	1	VZFLF
PS-4462	.625	A	1	BMFJF
PS-4463	1.250	C	1	BCFJF
PS-4464	1.250	C	1	QCFKF
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-4470	.625	A	1	BMFJF
PS-4471	1.625	E	3	VCFLF
PS-4472	2.625	E	3	VLZFZ
PS-4473	1.500	EB	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	VZFZF
PS-4482	1.500	C	1	VCFKF
PS-4483	3.250	U	3	VCFZF
PS-4484	.750	E	1	QCFKF
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-4529	4.500	E	3	BCFJF
PS-4531	.750	C	1	QCFZF
PS-4881	3.500	E	3	BCFKF
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	BCFKF
PS-5003	1.375	C	2	NCFKF

# PS SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-5005	2.187	D	2	BCFKF
PS-5011	1.875	C	Plate	BCFGF
PS-5019	2.165	C	2	VCFKF
PS-5024	2.187	D	2	VCFKF
PS-5039	1.000	C	1	BCFJF
PS-5074	1.375	C	3	BCFKF
PS-5076	2.125	C	3 Special	VCFKF
PS-5082	1.000	C	2	BCFKF
PS-5108	.750	C	2	VCFKF
PS-5194	1.687	D	2	VCFKF
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	BCFKF
PS-5259	1.500	E	3	QCCKF
PS-5342	1.875	C	2	VCFJF
PS-5358	2.250	D	3	Special
PS-5366	1.250	E	1	BCFJF
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	VCFKF
PS-5674	1.250	C	1	VCFJF
PS-5676	1.375	C	2	B/VCFJF
PS-5676V	1.375	C	2	VCFJF
PS-5679	1.875	C	2	QCFJF
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-5719	2.187	D	2	QCFKF
PS-5720	1.500	C	2	BCFKF
PS-5721	1.875	C	Plate	BCFGF
PS-5723	.984	C	1	QCFLF
PS-5727	1.375	C	3	VRFRF
PS-5728	.750	C	3	VLFLF
PS-5729	.984	C	2	VCFJF
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	Gland	NCPGP
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-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-6147	2.500	C	—	NCF-F
PS-6151	2.625	D	—	NCP-P
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

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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-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-6210	1.750	C	1	BZFZF
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
PS-6220	2.750	C	1	BZFLF
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-6231	5.375	D	3	VZFLF
PS-6232	3.000	D	3	VZFLF
PS-6233	2.250	C	3	VCLFL
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	BLFZF
PS-6250	3.000	C	3	VCFKF
PS-6252	3.250	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	QCFZF
PS-6261	1.250	G	1	QCFJF
PS-6262	1.625	G	1	QCFJF
PS-6263	1.625	G	1	QCFZF
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 SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-6300	1.375	Q	Special	BMPAP
PS-6301	2.250	Q	3	NMPAP
PS-6302	2.250	Q	1	BMPAP
PS-6305	1.000	Q	2	BMDAF
PS-6306	1.000	Q	Special	BMDJF
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-6326	1.000	D	3	BCPLF
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	2	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-6341	1.437	W	28	TCFKF
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-6775V	1.375	C	3	VCFJF
PS-6802	1.250	E	1	BCFJF
PS-6812	1.187	C	1	BCFJF
PS-6908	2.750	C	1	BZFZF
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-7064-SC-SC	2.250	C	1	BLFLF
PS-7079	1.500	D	28	VZFZF
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-7250	.625	WA	Special	TCFJF
PS-7252	1.750	E	1	BCFJF
PS-7277	.750	C	1	BCFJF
PS-7305	.750	C	1	VLFLF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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	QCCKF
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/VZFZF
PS-7497	1.625	C	25	B/VCFJF
PS-7497V	1.625	C	25	VCFJF
PS-7498	.875	C	1	BCFJF
PS-7504	1.500	E	3	QCFLF
PS-7514	.750	C	1	BCFJF
PS-7514V-SC-SC-CMS	.750	C	1	VLFLF
PS-7520	.590	C	1	BCFKF
PS-7520V	.590	C	1	VCFKF
PS-7524	.625	C	1	BCFJF
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-7561	1.750	E	3	VCFZF
PS-7562	1.500	E	3	QCFZF
PS-7580	2.437	E	3	BCPKF
PS-7587	1.500	W	2	TCFJF
PS-7607	1.750	C	3	QCFLF
PS-7608	1.125	C	3	VCFZF
PS-7613	.750	D	3	NCPKF
PS-7613V	.750	D	3	VCPKF
PS-7616	2.000	U	3	VZFLF
PS-7618	.750	B	11	BCFJF
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	QCCKF
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 SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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-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-7867	1.750	E	—	BCF-F
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-7932	2.250	R	1	BCDJF
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-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

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
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	2	BCPKF
PS-7971	1.375	G	1	BCFJF
PS-7972	1.250	G	1	BLFLF
PS-7975	1.500	C	3	VCFKF
PS-7985	2.500	E	3	QCFZF
PS-7986	3.750	U	3	BCDKF
PS-7991	1.000	D	25	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
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-8049	1.250	D Special	3	NCPKF
PS-8053	2.000	XB1T	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	XBT	3	QCFZF
PS-8060	4.375	X	3	VCFKF
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-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	X1T	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 SEAL INDEX

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-8112	1.000	XB2	3	BCFKF
PS-8113	2.375	XBT	3	VCFJF
PS-8116	1.000	X	5	QCFZF
PS-8118	1.625	XB1	3	QLFLF
PS-8119	2.000	XBT	3	VCFJF
PS-8120	2.750	X	3	VCFZF
PS-8121	2.375	XB	3	QCFLF
PS-8122	2.000	XB1	3	XCFLF
PS-8124	1.875	XB	3	QCFLF
PS-851-EPR	0.750	A	1	QCFJF
PS-9003	1.250	WT	2	TCFKF
PS-9007	1.000	W	Special	TCFJF
PS-9009	.875	W	2	TCFJF
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-9064	1.750	WT	3	T/VCFZF
PS-9106	1.750	W	2	TCFJF
PS-9119	1.875	WT	3	T/QCFZF
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-9304	1.437	W	27	TCFKF
PS-9307	1.437	W	2	TCFOF
PS-9309	.625	W	3	QRFRF
PS-9313	1.000	W	2	TCFKF
PS-9314	2.750	W	2	TCFJF
PS-9317	1.375	W	2	TCFJF

U.S. Seal Mfg. Part No.	Seal Size	Head Type	Mating Ring	Material Code
PS-9320	.500	W Special	Special	TCPKF
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-9700	.970	C	1	VCFJF
PS-9703	2.000	WB	Special	T/NCFKF
PS-9706	1.375	WT	3	T/VCFKF
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
T9-1000	1.000	WT	—	TCF-F
T9-1125	1.125	WT	—	TCF-F
T9-1375	1.375	WT	—	TCF-F







## 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 196).
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. warrants 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 info@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

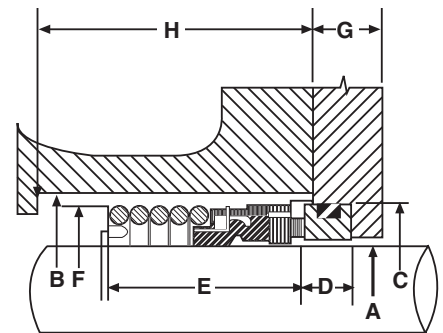
1. Head Type \_\_\_\_\_
2. Mating Ring Type \_\_\_\_\_
3. Manufacturer \_\_\_\_\_
4. Manufacturers' Part Number \_\_\_\_\_

## 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.**

**DISTRIBUTED BY:**



Tel: (800) 243-5489  
Fax: (877) 849-7325

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