

## Products Outlines

# Metal Work in Italy

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Brescia

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Mantova

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Modena

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Verona

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Vicenza

## Authorized Dealers

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Padova

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Frosinone

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Roma,  
Viterbo

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Macerata

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# Metal Work worldwide



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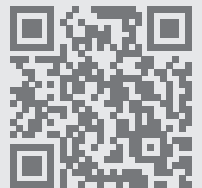
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pneumatics@acme-world.com  
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Metal Work  
complete range of products  
please see our e-catalogue



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**ACTUATORS**

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**VALVES**

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**UNITS**

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**FITTINGS**

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**KIT PNEUMATIC MOTION**

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## ISO 6432 MINI-CYLINDERS SERIES STD



ACTUATORS

Description	Code	08		10		12		16		20		25	
Diameter													
Gasket		NBR XN	Polyurethane XP	NBR XN	Polyurethane XP	NBR XN	Polyurethane XP	NBR CN	Polyurethane CP	NBR CN	Polyurethane CP	NBR CN	Polyurethane CP
<b>DOUBLE ACTING - NOT CUSHIONED</b>													
<b>non magnetic</b>													
stroke = 10	1100_0010	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 25	1100_0025	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 50	1100_0050	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 80	1100_0080	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 100	1100_0100	X	X	X	X			X	X	X	X	X	X
stroke = 125	1100_0125					X	X	X	X	X	X	X	X
stroke = 160	1100_0160					X	X	X	X	X	X	X	X
stroke = 200	1100_0200					X	X	X	X	X	X	X	X
stroke = 250	1100_0250									X	X	X	X
stroke = 320	1100_0320									X	X	X	X
<b>magnetic</b>													
stroke = 10	1120_0010	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 25	1120_0025	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 50	1120_0050	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 80	1120_0080	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 100	1120_0100	X	X	X	X			X	X	X	X	X	X
stroke = 125	1120_0125					X	X	X	X	X	X	X	X
stroke = 160	1120_0160					X	X	X	X	X	X	X	X
stroke = 200	1120_0200					X	X	X	X	X	X	X	X
stroke = 250	1120_0250									X	X	X	X
stroke = 320	1120_0320									X	X	X	X

<b>DOUBLE ACTING - CUSHIONED</b>													
<b>non magnetic</b>													
stroke = 10	1090_0010							X	X	X	X	X	X
stroke = 25	1090_0025							X	X	X	X	X	X
stroke = 50	1090_0050							X	X	X	X	X	X
stroke = 80	1090_0080							X	X	X	X	X	X
stroke = 100	1090_0100							X	X	X	X	X	X
stroke = 125	1090_0125							X	X	X	X	X	X
stroke = 160	1090_0160							X	X	X	X	X	X
stroke = 200	1090_0200							X	X	X	X	X	X
stroke = 250	1090_0250									X	X	X	X
stroke = 320	1090_0320									X	X	X	X
<b>magnetic</b>													
stroke = 10	1130_0010							X	X	X	X	X	X
stroke = 25	1130_0025							X	X	X	X	X	X
stroke = 50	1130_0050							X	X	X	X	X	X
stroke = 80	1130_0080							X	X	X	X	X	X
stroke = 100	1130_0100							X	X	X	X	X	X
stroke = 125	1130_0125							X	X	X	X	X	X
stroke = 160	1130_0160							X	X	X	X	X	X
stroke = 200	1130_0200							X	X	X	X	X	X
stroke = 250	1130_0250									X	X	X	X
stroke = 320	1130_0320									X	X	X	X

Description	Code	08		10		12		16		20		25	
Diameter													
Gasket		NBR XN	Polyurethane XP	NBR XN	Polyurethane XP	NBR XN	Polyurethane XP	NBR CN	Polyurethane CP	NBR CN	Polyurethane CP	NBR CN	Polyurethane CP
<b>SINGLE ACTING - RETRACTED - NOT CUSHIONED</b>													
<b>magnetic</b>													
stroke = 10	1110_0010	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 25	1110_0025	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 50	1110_0050	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 80	1110_0080	-	-	-	-	-	-	X	X	X	X	X	X
stroke = 100	1110_0100	-	-	-	-	-	-	X	X	X	X	X	X
<b>SINGLE ACTING - RETRACTED - CUSHIONED</b>													
<b>magnetic</b>													
stroke = 10	1060_0010	-	-	-	-	-	-	X	X	X	X	X	X
stroke = 25	1060_0025	-	-	-	-	-	-	X	X	X	X	X	X
stroke = 50	1060_0050	-	-	-	-	-	-	X	X	X	X	X	X
stroke = 80	1060_0080	-	-	-	-	-	-	X	X	X	X	X	X
stroke = 100	1060_0100	-	-	-	-	-	-	X	X	X	X	X	X

**OTHER VERSION:**

Inox rod  
 Passing through rod 104..., 114 and 115  
 Axial connection 101... and 102...  
 DEM for mechanical look 116... and 117...

DE with spring retracts piston rod \* ....R  
 \* valid for 102 - 109 - 110 - 112 - 113 versions  
 DE with spring extended piston rod ....E

**MINI-CYLINDER ISO 6432 SERIES SEE - Ø 16-25 mm**



Description Diameter	Code	16			20			25		
		NBR NE	Polyurethan PE	mm	NBR NE	Polyurethan PE	mm	NBR NE	Polyurethan PE	mm
<b>SINGLE ACTING EXTENDED ROD - NOT CUSHIONED</b>										
<b>non magnetic</b>										
stroke 0-25 mm	111S_0_C	X	X	X	X	X	X	X	X	X
stroke 26-50 mm	111S_0_C	X	X	X	X	X	X	X	X	X
stroke 51-80 mm	111S_0_C	X	X	X	X	X	X	X	X	X
stroke 81-100 mm	111S_0_C	X	X	X	X	X	X	X	X	X
<b>magnetic</b>										
stroke 0-25 mm	1110_0_C	X	X	X	X	X	X	X	X	X
stroke 26-50 mm	1110_0_C	X	X	X	X	X	X	X	X	X
stroke 51-80 mm	1110_0_C	X	X	X	X	X	X	X	X	X
stroke 81-100 mm	1110_0_C	X	X	X	X	X	X	X	X	X
<b>SINGLE ACTING EXTENDED ROD - CUSHIONED</b>										
<b>non magnetic</b>										
stroke 0-25 mm	106S_0_C	X	X	X	X	X	X	X	X	X
stroke 26-50 mm	106S_0_C	X	X	X	X	X	X	X	X	X
stroke 51-80 mm	106S_0_C	X	X	X	X	X	X	X	X	X
stroke 81-100 mm	106S_0_C	X	X	X	X	X	X	X	X	X
<b>magnetic</b>										
stroke 0-25 mm	1060_0_C	X	X	X	X	X	X	X	X	X
stroke 26-50 mm	1060_0_C	X	X	X	X	X	X	X	X	X
stroke 51-80 mm	1060_0_C	X	X	X	X	X	X	X	X	X
stroke 81-100 mm	1060_0_C	X	X	X	X	X	X	X	X	X
Inox rod	-----X	+ 5%	+ 5%	+ 5%	+ 5%	+ 5%	+ 5%	+ 5%	+ 5%	+ 5%

**NOTE**

Stroke max	8	10	12	16	20	25
SE	50	50	50	100	100	100
DE	100	100	200	300	400	400
DEA	-	-	-	300	500	500

**MINI-CYLINDER ISO 6432 TP SERIES - Ø 16-25 mm**



Description Diameter	Code	16		20		25	
		Stroke 0	al mm	Stroke 0	al mm	Stroke 0	al mm
Double acting, non magnetic	1103_-----P	X	X	X	X	X	X
Double acting, magnetic	1123_-----P	X	X	X	X	X	X
Double acting, non magnetic + headed nut	1104_-----P	X	X	X	X	X	X
Double acting, magnetic + headed nut	1124_-----P	X	X	X	X	X	X
Double acting, through rod, non magnetic	1143_ S-----P	X	X	X	X	X	X
Double acting, through rod, magnetic	1143_-----P	X	X	X	X	X	X
Double acting, through rod, non magnetic + headed nut	1144_ S-----P	X	X	X	X	X	X
Double acting, through rod, magnetic + headed nut	1144_-----P	X	X	X	X	X	X
Inox rod version	-----XP	standard	standard	+ 5%	+ 15%	+ 5%	+ 15%

**LINKS FOR MINI-CYLINDER ISO 6432 TP SERIES - Ø 16-25 mm**

- "ACCESSORIES FIXINGS" PAGE 52
- "MAGNETIC SENSORS" PAGE 69
- "GUIDE UNITS" PAGE 63
- "SPARE PARTS" PAGE 64



## ISO 15552 CYLINDERS - SERIES STD



ACTUATORS

Description	Code	032		040		050		063		080		100		125	
		NBR CN	Polyurethan CP	NBR CN	Polyurethan CP	NBR CN	Polyurethan CP	NBR CN	Polyurethan CP	NBR AN	Polyurethan AP	NBR AN	Polyurethan AP	NBR AN	Polyurethan AP
<b>CUSHIONED</b>															
<b>non magnetic</b>															
stroke = 25	120_0025	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 50	120_0050	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 75	120_0075	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 80	120_0080	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 100	120_0100	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 125	120_0125	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 150	120_0150	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 160	120_0160	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 200	120_0200	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 250	120_0250	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 300	120_0300	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 320	120_0320	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 350	120_0350	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 400	120_0400	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 450	120_0450	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 500	120_0500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 550	120_0550	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 600	120_0600	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 650	120_0650	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 700	120_0700	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 750	120_0750	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 800	120_0800	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 850	120_0850	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 900	120_0900	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 950	120_0950	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 1000	120_1000AN*	X		X		X		X		X		X		X	
stroke = 1000	120_1000AP*		X		X		X		X		X		X		X
<b>magnetic</b>															
stroke = 25	121_0025	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 50	121_0050	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 75	121_0075	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 80	121_0080	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 100	121_0100	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 125	121_0125	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 150	121_0150	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 160	121_0160	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 200	121_0200	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 250	121_0250	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 300	121_0300	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 320	121_0320	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 350	121_0350	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 400	121_0400	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 450	121_0450	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 500	121_0500	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 550	121_0550	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 600	121_0600	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 650	121_0650	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 700	121_0700	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 750	121_0750	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 800	121_0800	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 850	121_0850	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 900	121_0900	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 950	121_0950	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 1000	121_1000AN*	X		X		X		X		X		X		X	
stroke = 1000	121_1000AP*		X		X		X		X		X		X		X

Description	Code	032		040		050		063		080		100		125	
		NBR CN	Polyurethan CP	NBR CN	Polyurethan CP	NBR CN	Polyurethan CP	NBR CN	Polyurethan CP	NBR AN	Polyurethan AP	NBR AN	Polyurethan AP	NBR AN	Polyurethan AP
<b>SPECIAL SCRAPER</b>															
Hard PU scraper (respect of P version)	1.....R *****	X	X					X	X	X	X	X	X	X	X
Metal scraper (respect of V version)	1.....M *****									Apply to our sales department					
<b>ISO 15552 CYLINDERS - SERIES HCR (High Corrosion Resistance)</b>															
<b>Price list of "zero" stroke cylinder</b>															
Double acting, cushioned HCR series	121 ----- BL °°°	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Double acting, passing through-rod HCR series	122 ----- WL °°°	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Double acting, non cushioned HCR series	124 ----- BL °°°	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>Extraprices for versions, other than the std version:</b>															
HCR series, aluminium piston, NBR gasket, extra respect of the BL version	----- WL °°°	X	X	X	X	X	X	X	X	standard	standard	standard	standard	standard	standard
Non magnetic version	....S .... °°°	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>Pricelist for each stroke mm</b>															
Single rod, HCR series, AISI 316		X	X	X	X	X	X	X	X	X	X	X	X	X	X
Passing through rod, HCR series, AISI316		X	X	X	X	X	X	X	X	X	X	X	X	X	X

°°° for Ø >63 or for stroke ≥1000 the suffix is WL

\*\*\*\*\* Only available for versions with aluminium piston (A or Z)

\*\*\*\*\* The 126 (single-action) type and the (No-stick-slip) version G are not available

**ISO 15552 (EX 6431) CYLINDER Ø 32 ÷ Ø 125 mm**

Description	
High temperature inox rod + FKM/FPM gaskets	.....ZV
High temperature C45 rod + FKM/FPM gaskets	.....AV
Kanigen treated cylinder	.....KH
Oil seal cylinder	.....T
Through rod Ø 32 ÷ Ø 63 with stroke ≤ 1000	122....
Through rod Ø 32 ÷ Ø 63 with stroke > 1000	122....
Through rod Ø 80 ÷ Ø 125	122....
Low friction	123....
Not damped	124....
Opposed	125....
Single acting retracting rod	126....
Single acting extended rod	126.....E
De with spring retracts piston rod *	.....R
* not valid for 134 - 136 - 137 versions	
De with spring extended piston rod	.....E

Description	
Tandem	127....
Long damping	131....
RL, SL lock rod suitable version	134....
RL lock rod version	136....
SL lock rod version with manual control	136.....CP1
SL lock rod version without manual control	136.....CP2
RL, SL lock rod suitable version + guide units	137....
Multi-positions	147....
INOX ROD	
TWO-FLAT rod Ø 32 - 63 mm	.....FP
No stick slip cylinder (suitable for very low speed)	lettera G in 4 posizione
Other special versions	
Tank	
"Combi" piston rod gaskets	.....C

**ISO 15552 "A" CYLINDER**



Description	Code			032	040	050	063	080	100	125
<b>PRICE LIST OF "ZERO" STROKE CYLINDER</b>										
<b>Base version, magnetic, C45 rod, Poliuretano gaskets:</b>										
Poliuretano double acting	121	A-----	CP *	X	X	X	X	X	X	X
Double acting, passing through rod, Poliuretano	122	A-----	AP ****	X	X	X	X	X	X	X
Double acting, non cushioning, Poliuretano	124	A-----	CP *	X	X	X	X	X	X	X
Single acting retracting rod, Poliuretano	126	A-----	CP *	X	X	X	X	non eseg.	non eseg.	non eseg.
Single acting extended rod, Poliuretano	126	A-----	CP * E	X	X	X	X	non eseg.	non eseg.	non eseg.
Tandem	127	A-----	CP *	X	X	X	X	X	X	X
RL, SL lock rod suitable version, Poliuretano	134	A-----	CP *	X	X	X	X	X	X	X
RL lock rod version, Poliuretano***	136	A-----	CP *	X	X	X	X	X	X	X
SL lock rod version with manual control****	136	A-----	CP1 *	X	X	X	X	X	X	X
SL lock rod version without manual control****	136	A-----	CP2 *	X	X	X	X	X	X	X
RL, SL lock rod suitable version + guide units, Poliuretano	137	A-----	CP *	X	X	X	X	X	X	X
<b>Extra prices for versions, other than the STD version:</b>										
Double-acting with spring retracted piston rod *	---	-----	_R	X	X	X	X	X	X	X
* not valid for 134 - 136 - 137 versions										
Double-acting with spring extended piston rod	---	-----	_E	X	X	X	X	X	X	X
C45 rod, NBR gaskets	---	-----	CN*	X	-	X	-	X	-	-
Rod and Inox nut, poliuretano gaskets	---	-----	XP*	X	-	X	-	X	-	-
INOX TWO-FLAT rod and nut, Poliuretano gaskets	---	-----	FP*	X	-	X	-	X	-	-
Rod and Inox nut, NBR gaskets	---	-----	XN**	X	-	X	-	X	-	-
C45 rod, aluminium pistons, poliuretano gaskets	---	-----	AP**	X	standard	X	standard	X	standard	standard
C45 rod, aluminium pistons, NBR gaskets	---	-----	AN**	X	X	X	X	X	X	X
Rod and Inox nut, aluminium pistons, poliuretano gaskets	---	-----	ZP**	X	X	X	X	X	X	X
Rod and Inox nut, aluminium pistons, NBR gaskets	---	-----	ZN**	X	X	X	X	X	X	X
C45 rod, aluminium pistons, FKM/FPM gaskets	---	-----	AV	X	X	X	X	X	X	X
Rod and Inox nut, aluminium pistons, FKM/FPM gaskets	---	-----	ZV	X	X	X	X	X	X	X
C45 rod, oil seals	---	-----	CT*	X	-	X	-	X	-	-
Rod and Inox nut, oil seals	---	-----	XT*	X	-	X	-	X	-	-
C45 rod, aluminium pistons, oil seals	---	-----	AT**	X	X	X	X	X	X	50%
Rod and Inox nut, aluminium pistons, oil seals	---	-----	ZT**	X	X	X	X	X	X	70%
No stick slip	---	B-----		V. standard	V. standard	V. standard	V. standard	V. standard	V. standard	V. standard
NON magnetic	---	C-----		X	X	X	X	X	X	X
"COMBI" piston rod gaskets	---	-----	-C	V. like Poliuretano	V. like Poliuretano	V. like Poliuretano	V. like Poliuretano	V. like Poliuretano	V. like Poliuretano	V. like Poliuretano
Hard PU scraper (respect of P version)	---	-----	-R*****	X	X	X	X	X	X	X
Metal scraper (respect of V version)	---	-----	-M*****	X	X	X	X	X	X	X
Low friction	129	A,B,C,D,E,F--		V. standard	V. standard	V. standard	V. standard	V. standard	V. standard	V. standard
Front and back long cushioning	130	A,B,C,D,E--		X	X	X	X	X	X	X
Front long cushioning	130	H,I,L,M,N,O--		X	X	X	X	X	X	X
Back long cushioning	130	Q,R,S,T,U,V--		X	X	X	X	X	X	X
Thread of the special rod			special code							
Longer rod			special code							
Apply to our sales department										
Add pricelist for stroke mm, as per extension of the whole cylinder										
Single rod, C45				X	X	X	X	X	X	X
Single rod, INOX				X	X	X	X	X	X	X
Single rod TWO FLAT, INOX				X	X	X	X	X	X	X
Passing through rod, C45				X	X	X	X	X	X	X
Passing through rod, INOX				X	X	X	X	X	X	X
Passing through rod TWO FLAT, INOX				X	X	X	X	X	X	X
Tandem, C45 rod				X	X	X	X	X	X	X
Tandem, INOX rod				X	X	X	X	X	X	X

**NOTE:**

\* NB: for Ø≥80 or for stroke ≥1000 the pistons are in aluminium and the suffix are "A" instead of "C"  
 (es.: AP instead of CP) and "Z" instead of "X" (es.: ZP instead of XP), at the same price.  
 \*\* NB: for Ø≤80 add extraprice only for stroke < 1000; for stroke ≥ 1000 see note\*.  
 \*\*\* NB: The extraprice of 136...cylinders have to be calculated from the basic price of 134...  
 and add or deduct from the basic 136 A...

\*\*\*\* The passing through rod version are available only with aluminium piston  
 \*\*\*\*\* The 126 (single-action) type and the (No-stick-slip) version B are not available  
 \*\*\*\*\* Only available for versions with aluminium piston (A or Z)

## ISO 15552 CYLINDER - SERIES 3 Ø 32 - 125 mm



ACTUATORS

Description	Code	032	040	050	063	080	100	125		
<b>Diameer</b>										
<b>PRICE LIST OF "ZERO" STROKE CYLINDER</b>										
<b>Base version, magnetic, C45 rod, NBR gaskets:</b>										
Double acting, NBR gaskets	121 3----- CN*	X	X	X	X	X	X	X		
Double-acting HCR series	121 3... BL <sup>ooo</sup>	X	X	X	X	X	X	X		
Double acting, passing through rod, NBR gaskets	122 3----- AN****	X	X	X	X	X	X	X		
Double-acting, passing through rod, HCR series	122 3... WL	X	X	X	X	X	X	X		
Double acting, non cushioning, NBR gaskets, ultra-low friction	123 3----- AN**	X	X	X	X	X	X	X		
Double acting, non cushioning, NBR gaskets	124 3----- CN*	X	X	X	X	X	X	X		
Double acting, non cushioning, HCR series	124 3... BL <sup>ooo</sup>	X	X	X	X	X	X	X		
Single acting retracting rod, NBR gaskets	126 3----- AN*	X	X	X	X	non eseg.	non eseg.	non eseg.		
Single acting extended rod, NBR gaskets	126 3----- AN*   E	X	X	X	X	non eseg.	non eseg.	non eseg.		
Tandem	127 3----- CN*	X	X	X	X	X	X	X		
RL, SL lock rod suitable version, NBR gaskets	134 3----- CN*	X	X	X	X	X	X	X		
RL lock rod version, NBR gaskets***	136 3----- CN*	X	X	X	X	X	X	X		
SL lock rod version with manual control***	136 3----- CN1*	X	X	X	X	X	X	X		
SL lock rod version without manual control***	136 3----- CN2*	X	X	X	X	X	X	X		
RL, SL lock rod suitable version + guide units, NBR gaskets	137 3----- CN*	X	X	X	X	X	X	X		
<b>Extra prices for versions, other than the STD version:</b>		STD rod	Passing through rod	STD rod	Passing through rod	STD rod	Passing through rod	STD rod and passing through rod	STD rod and passing through rod	STD rod and passing through rod
Double-acting with spring retracted piston rod *	--- ----- _R	X	X	X	X	X	X	-	-	-
* not valid for 134 - 136 - 137 versions										
Double-acting with spring extended piston rod	--- ----- _E	X	X	X	X	X	X	-	-	-
C45 rod, Poliuretano gaskets	--- ----- CP	5%	-	X	-	X	-	X	-	-
INOX TWO FLAT rod and nut, Poliuretano gaskets	--- ----- FP	60%	-	X	-	X	-	X	-	-
INOX rod and nut, NBR gaskets	--- ----- XN	15%	-	X	-	X	-	X	-	-
INOX rod and nut, Poliuretano gaskets	--- ----- XP	20%	-	X	-	X	-	X	-	-
C45 rod, aluminium piston, NBR gaskets	--- ----- AN**	15%	standard	X	standard	X	standard	X	standard	standard
C45 rod, aluminium piston, Poliuretano gaskets	--- ----- AP**	20%	X	X	X	X	X	X	X	X
INOX rod and nut, aluminium piston, NBR gaskets, ultra-low friction	123 ----- ZN	15%	X	X	X	X	X	X	X	X
INOX rod and nut, aluminium piston, NBR gaskets	--- ----- ZN**	30%	X	X	X	X	X	X	X	X
INOX rod and nut, aluminium piston, Poliuretano gaskets	--- ----- ZP**	35%	X	X	X	X	X	X	X	X
C45 rod, aluminium pistons, FKM/FPM gaskets	--- ----- AV	70%	X	X	X	X	X	X	X	X
INOX rod and nut, aluminium pistons, FKM/FPM gaskets	--- ----- ZV	85%	X	X	X	X	X	X	X	X
C45 rod, oil seals	--- ----- CT	45%	-	X	-	X	-	X	-	-
INOX rod and nut, oil seals	--- ----- XT	60%	-	X	-	X	-	X	-	-
C45 rod, aluminium pistons, oil seals	--- ----- AT	60%	X	X	X	X	X	X	X	X
INOX rod and nut, aluminium pistons, oil seals	--- ----- ZT	75%	X	X	X	X	X	X	X	X
HCR series, aluminium piston, NBR gasket, extra respect of the BL version	--- ----- WL	15%	-	X	-	X	-	X	-	standard
No stick slip	--- 4----- --	v. standard		v. standard		v. standard		v. standard		v. standard
NON magnetic	--- 5----- --	X		X		X		X		X
"COMBI" piston rod gaskets	--- ----- -C	like Poliuretano v.		like Poliuretano v.		like Poliuretano v.		like Poliuretano v.		like Poliuretano v.
Hard PU scraper (respect of P version)	--- ----- -R****	X		X		X		X		X
Metal scraper (respect of V version)	--- ----- -M*****	-		X		X		X		X
Thread of the special rod	special code	Apply to our sales department								
Longer rod	special code	Add pricelist for stroke mm, as per extension of the whole cylinder								
<b>Extra price cylinder with end-of-stroke stop ■</b>										
Version with extended rod (front head)	--- ----- -- F1	X	X	X	X	X	X	X	X	X
Version with retracting rod (rear head)	--- ----- -- F2	X	X	X	X	X	X	X	X	X
Version with extended and retracting rod (front and rear head)	--- ----- -- F3	X	X	X	X	X	X	X	X	X
■ not available for HCR, Tandem and simple effect version										
<b>PRICE FOR EACH STROKE mm</b>										
Single rod, C45		X	X	X	X	X	X	X	X	X
Single rod, INOX		X	X	X	X	X	X	X	X	X
Single rod, HCR series, AISI 316		X	X	X	X	X	X	X	X	X
Single rod TWO FLAT, INOX		X	X	X	X	X	X	-	-	-
Passing through rod, C45		X	X	X	X	X	X	X	X	X
Passing through rod, INOX		X	X	X	X	X	X	X	X	X
Passing through rod, HCR series, AISI316		X	X	X	X	X	X	X	X	X
Passing through rod TWO FLAT, INOX		X	X	X	X	X	X	-	-	-
Tandem, C45 rod		X	X	X	X	X	X	X	X	X
Tandem, INOX rod		X	X	X	X	X	X	X	X	X

**NOTE:**

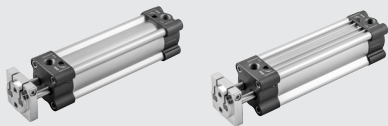
- \* NB: for Ø≥63 or for stroke ≥1000 the pistons are in aluminium and the suffix are "A" instead of "C" (es.: AN instead of CN) and "Z" instead of "X" (es.: ZN instead of XN), at the same price.
- \*\* NB: for Ø≤63 add extraprice only for stroke < 1000; for stroke ≥ 1000 see note\*.
- \*\*\* NB: The extraprice of 136... cylinders have to be calculated from the basic price of 134..., and add or detract from the basic 136 3...
- \*\*\*\* The passing through rod version are available only with aluminium piston
- ooo For Ø>63 or for stroke ≥1000 the suffix is WL
- \*\*\*\* The 126 (single-action) type and the (No-stick-slip) version 4 are not available
- \*\*\*\*\* Only available for versions with aluminium piston (A or Z)

### LINKS FOR CYLINDERS ISO 15552 - ISO 15552 HCR

- "ACCESSORIES FIXINGS" PAGE 52
- "VALVE ASSEMBLY ON CYLINDER" PAGE 68
- "MAGNETIC SENSORS" PAGE 69
- "GUIDE UNITS" PAGE 63
- "SPARE PARTS" PAGE 64



## TWIN-ROD CYLINDER SERIES TWNC



Description	Code	Code	032	040	050	063	080	100
Diameter VERSION STD			32	40	50	63	80	100
Diameter VERSION SERIE 3								A1

### DOUBLE ACTING MAGNETIC CUSHIONED

	W140_	W1403_						
stroke = 25	0025	0025	X	X	X	X	X	X
stroke = 50	0050	0050	X	X	X	X	X	X
stroke = 80	0080	0080	X	X	X	X	X	X
stroke = 100	0100	0100	X	X	X	X	X	X
stroke = 125	0125	0125	X	X	X	X	X	X
stroke = 160	0160	0160	X	X	X	X	X	X
stroke = 200	0200	0200	X	X	X	X	X	X
stroke = 250	0250	0250	X	X	X	X	X	X
stroke = 320	0320	0320	X	X	X	X	X	X
stroke = 400	0400	0400		X	X	X	X	X
stroke = 500	0500	0500		X	X	X	X	X

Passing through single rod W142....: apply to our sales department

STD VERSION - DOUBLE ACTING MAGNETIC CUSHIONED STAINLESS STEEL PISTON ROD VERSION	W140....X
STD VERSION - DOUBLE ACTING MAGNETIC CUSHIONED SINGLE THROUGH-ROD	W142....
SERIES 3 VERSION - DOUBLE ACTING MAGNETIC CUSHIONED STAINLESS STEEL PISTON ROD VERSION	W1403....X
SERIES 3 VERSION - DOUBLE ACTING MAGNETIC CUSHIONED SINGLE THROUGH-ROD	W1423....

## LINKS FOR TWIN-ROD CYLINDER SERIES TWNC

"ACCESSORIES FIXINGS" PAGE 52  
 "MAGNETIC SENSORS" PAGE 69



**CYLINDERS ISO 15552 Ø 160 - 200 mm**



Description Diameter	Code	160		200	
		Corsa 0	al mm	Corsa 0	al mm
<b>PRICE LIST OF "ZERO" STROKE CYLINDER</b>					
<b>Pricelist cylinder ISO 15552 diam 160 - 200, round barrel version</b>					
Double-acting cylinder, cushioned, non magnetic	W120...	X	X	X	X
Double-acting cylinder, cushioned	W121...	X	X	X	X
Double-acting cylinder, cushioned, through-rod	W122...	X	X	X	X
Double-acting cylinder, cushioned, through-rod, non magnetic	W123...	X	X	X	X
Double-acting cylinder, non cushioned	W124...	X	X	X	X
Inox rod	W12_XA...	X	X	X	X
FKM/FPM gaskets, C45 rod	W12_KA...	X	=	X	=
FKM/FPM gaskets, inox rod	W12_VA...	X	X	X	X
With intermediate hinge	W12..."H1"	X	=	X	=
With round barrel, Hard PU scraper	---R*	X	=	X	=
With round barrel, Metal scraper	---M**	X	=	X	=
With intermediate hinge Hard PU scraper	---R	X	=	X	=
With intermediate hinge Metal scraper	---M			Apply to our sales department	
<b>Out of catalogue:</b>					
Longer rod				Apply to our sales department	
Inox nut	extra	X	=	X	=
Special thread	extra	X	=	X	=
Monoblock piston	extra			Apply to our sales department	
Tandem				Apply to our sales department	

**NOTE:**  
 \* To be matched with NBR execution: 160, 200, XA3, XA4  
 \*\* To be matched with FKM/FPM execution: VA3, VA4, KA3, KA4

**LINKS FOR CYLINDERS ISO 15552 Ø 160 - 200 mm**

- "ACCESSORIES FIXINGS" PAGE 52
- "MAGNETIC SENSORS" PAGE 69
- "SPARE PARTS" PAGE 64



## CYLINDERS ISO 15552 Ø 250 - 320 mm



Description Diameter	Code	250	320
<b>DOUBLE ACTING CUSHIONED</b>			
<b>non magnetic</b>			
Stroke= 25	W120__0025	X	X
Stroke= 50	W120__0050	X	X
Stroke= 80	W120__0080	X	X
Stroke= 100	W120__0100	X	X
Stroke= 125	W120__0125	X	X
Stroke= 160	W120__0160	X	X
Stroke= 200	W120__0200	X	X
Stroke= 250	W120__0250	X	X
Stroke= 320	W120__0320	X	X
Stroke= 400	W120__0400	X	X
Stroke= 500	W120__0500	X	X
Stroke= 600	W120__0600	X	X
Stroke= 700	W120__0700	X	X
Stroke= 800	W120__0800	X	X
Stroke= 900	W120__0900	X	X
Stroke= 1000	W120__1000	X	X
Stroke= 1250	W120__1250	X	X
Stroke= 1500	W120__1500	X	X
Stroke= 1750	W120__1750	X	X
Stroke= 2000	W120__2000	X	X
<b>magnetic</b>			
Stroke= 25	W121__0025	X	X
Stroke= 50	W121__0050	X	X
Stroke= 80	W121__0080	X	X
Stroke= 100	W121__0100	X	X
Stroke= 125	W121__0125	X	X
Stroke= 160	W121__0160	X	X
Stroke= 200	W121__0200	X	X
Stroke= 250	W121__0250	X	X
Stroke= 320	W121__0320	X	X
Stroke= 400	W121__0400	X	X
Stroke= 500	W121__0500	X	X
Stroke= 600	W121__0600	X	X
Stroke= 700	W121__0700	X	X
Stroke= 800	W121__0800	X	X
Stroke= 900	W121__0900	X	X
Stroke= 1000	W121__1000	X	X
Stroke= 1250	W121__1250	X	X
Stroke= 1500	W121__1500	X	X
Stroke= 1750	W121__1750	X	X
Stroke= 2000	W121__2000	X	X

**OTHER VERSIONS**

Double acting cushioned non magnetic	W120__	Ø 250 stainless steel rod and nut	W12_XA5__
Double acting cushioned (magnetic)	W121__	Ø 320 stainless steel rod and nut	W12_XA6__
Double acting cushioned through-rod (magnetic)	W122__	Ø 250 FKM/FPM gaskets	W12_KA5__
Double acting cushioned through-rod non magnetic	W123__	+ C45 rod and nut	W12_KA5__
Double acting non cushioned Ø 250	W124__	Ø 250 FKM/FPM gaskets	W12_VA5__
Double acting non cushioned Ø 320	W124__	+ stainless steel rod and nut	W12_VA5__
		Ø 250 + intermediate hinge mounted	W12_A5__
		Ø 320 + intermediate hinge mounted	W12_A6__
		Ø 250 no stick-slip	W12_GA5__
		Ø 320 no stick-slip	W12_GA6__

## LINKS FOR CYLINDERS ISO 15552 Ø 250 - 320 mm

"ACCESSORIES FIXINGS" PAGE 52  
 "MAGNETIC SENSORS" PAGE 69  
 "SPARE PARTS" PAGE 64



## "LINER" SERIES ISO21287 COMPACT CYLINDER Ø 20÷100



Description	Code	20		25		32		40		50		63		80		100	
		Stroke	mm	Stroke	mm	Stroke	mm	Stroke	mm	Stroke	mm	Stroke	mm	Stroke	mm	Stroke	mm
		0		0		0		0		0		0		0		0	
Double acting	2_0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Double acting, passing through rod	2_1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Double acting, passing through hollow rod	2_2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Single acting, retracting rod	2_3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Single acting, extended rod	2_4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Single acting, passing through rod	2_5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Single acting, passing through hollow rod	2_6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Double acting, non rotating	2_97	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Double acting, passing through rod, non rotating	2_A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Magnetic version	...0	standard		standard		standard		standard		standard		standard		standard		standard	
Non magnetic version	...S	X	=	X	=	X	=	X	=	X	=	X	=	X	=	X	=
No stick slip version	...G	=		=		=		=		=		=		=		=	
INOX rod version	....XP	standard		standard		X	X	X	X	X	X	X	X	X	X	X	X
High temperature version *	....AV	n.a.	n.a.	n.a.	n.a.	X	=	X	=	X	=	X	=	X	=	X	=
INOX, high temperature version *	....ZV	X	=	X	=	X	X	X	X	X	X	X	X	X	X	X	X

NB.: the same price for the follow versions: 28\_... (male rod) and 29\_... (female rod) \*: for single acting: apply to our sales department

## LINKS FOR "LINER" SERIES ISO21287 COMPACT CYLINDER Ø 20÷100

"ACCESSORIES FIXINGS" PAGE 52

"MAGNETIC SENSORS" PAGE 69

"SPARE PARTS" PAGE 64



## COMPACT CYLINDER SERIES "CMPC"



Description	Code	12		16		20		25		32		40		50		63		80		100	
		Stroke	mm	Stroke	mm	Stroke	mm	Stroke	mm	Stroke	mm	Stroke	mm	Stroke	mm	Stroke	mm	Stroke	mm	Stroke	mm
		0		0		0		0		0		0		0		0		0		0	
Double acting	2_0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
D/A passing through rod	2_1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
D/A passing through hollow rod	2_2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Single acting retracted rod	2_3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Single acting extended rod	2_4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
S/A passing through rod	2_5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Double acting non rotating	2_7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
D/A non rotate hollow thru rod	2_A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
D/A tandem 2 stages	2_00	A				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
D/A tandem 3 stages	2_00	B				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
D/A tandem 4 stages	2_00	C				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
D/A multiposition 1st stage	2_00	P	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
D/A multiposition 2nd stage	2_00	R	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
D/A multiposition 3rd stage	2_00	T	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
D/A high temperature	2_0	V				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
D/A passing through rod high temperature	2_1	V				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Inox version		V. standard		V. standard		V. standard		V. standard		X	X	X	X	X	X	X	X	X	X	X	X
Non magneti version		X	=	X	=	X	=	X	=	X	=	X	=	X	=	X	=	X	=	X	=
TWO FLAT version										X	X	X	X	X	X	X	X	X	X	X	X

Note: prices are the same for UNITOP male rod and UNITOP female rod version ISO male rod and ISO female rod (part number beginning with 23...,24 ..., 25...,26...)

## LINKS FOR COMPACT CYLINDER SERIES "CMPC"

"ACCESSORIES FIXINGS" PAGE 52

"MAGNETIC SENSORS" PAGE 69

"SPARE PARTS" PAGE 64



## COMPACT STOPPER CYLINDER



Description	Code	Diameter			
		20	32	50	80
<b>TRUNNION VERSION</b>					
Stroke 15	23BO_0015XP	X			
Stroke 15 (non magn.)	23BS_0015XP	X			
Stroke 20 UNITOP	23BO_0020XP		X		
Stroke 20 UNITOP (non magn.)	23BS_0020XP		X		
Stroke 20 ISO15552	25BO_0020XP		X		
Stroke 20 ISO15552 (non magn.)	25BS_0020XP		X		
Stroke 30 UNITOP	23BO_0030XP			X	
Stroke 30 UNITOP (non magn.)	23BS_0030XP			X	
Stroke 30 ISO15552	25BO_0030XP			X	
Stroke 30 ISO15552 (non magn.)	25BS_0030XP			X	
<b>ROLLER VERSION</b>					
Stroke 15	23CO_0015XP	X			
Stroke 15 (non magn.)	23CS_0015XP	X			
Stroke 20 UNITOP	23CO_0020XP		X		
Stroke 20 UNITOP (non magn.)	23CS_0020XP		X		
Stroke 20 ISO15552	25CO_0020XP		X		
Stroke 20 ISO15552 (non magn.)	25CS_0020XP		X		
Stroke 30 UNITOP	23CO_0030XP			X	X
Stroke 30 UNITOP (non magn.)	23CS_0030XP			X	X
Stroke 30 ISO15552	25CO_0030XP			X	X
Stroke 30 ISO15552 (non magn.)	25CS_0030XP			X	X
Stroke 40 UNITOP	23CO_0040XP				X
Stroke 40 UNITOP (non magn.)	23CS_0040XP				X
Stroke 40 ISO15552	25CO_0040XP				X
Stroke 40 ISO15552 (non magn.)	25CS_0040XP				X

### LINKS FOR COMPACT STOPPER CYLINDER

"ACCESSORIES FIXINGS" PAGE 52  
"SPARE PARTS" PAGE 64



## COMPACT CYLINDER WITH INTEGRATED VALVE, SERIES CCIV



Description	Code	20				25		32		40	
		Stroke		mm	Stroke		Stroke		Stroke		
		0			0		0		0		
D/A, plug-in pilot, M7 port	00_P21	X	X	X	X	X	X	X	X	X	
D/A, plug-in pilot, Ø4 Straight fitting + silencers	00_P22	X	X	X	X	X	X	X	X	X	
D/A, plug-in pilot, Ø4 Straight fitting + silencers exhaust regulators	00_P23	X	X	X	X	X	X	X	X	X	
D/A, plug-in pilot, Ø6 Straight fitting + silencers	00_P24	X	X	X	X	X	X	X	X	X	
D/A, plug-in pilot, Ø6 Straight fitting + silencers exhaust regulators	00_P25	X	X	X	X	X	X	X	X	X	
D/A, M8 pilot, M7 port	00_PM1	X	X	X	X	X	X	X	X	X	
D/A, M8 pilot Ø4 Straight fitting + silencers	00_PM2	X	X	X	X	X	X	X	X	X	
D/A, M8 pilot, Ø4 Straight fitting + silencers exhaust regulators	00_PM3	X	X	X	X	X	X	X	X	X	
D/A, M8 pilot, Ø6 Straight fitting + silencers	00_PM4	X	X	X	X	X	X	X	X	X	
D/A, M8 pilot, Ø6 Straight fitting + silencers exhaust regulators	00_PM5	X	X	X	X	X	X	X	X	X	
Stainless steel version		V. standard			V. standard		X	X	X	X	
Non magnetic version		X	=		X	=	X	=	X	=	

### LINKS FOR COMPACT CYLINDER WITH INTEGRATED VALVE, SERIES CCIV

"ACCESSORIES FIXINGS" PAGE 52  
"ACCESSORIES SERIES CCIV" PAGE 54  
"VALVE ASSEMBLY ON CYLINDER" PAGE 68  
"MAGNETIC SENSORS" PAGE 69  
"SPARE PARTS" PAGE 64



## ROUND CYLINDER SERIES RNDC



Descrizione	Code	032		040		050	
Diameter		NBR	Polyurethan	NBR	Polyurethan	NBR	Polyurethan
Gaskets		CN	CP	CN	CP	CN	CP
<b>DOUBLE ACTING - NOT CUSHIONED</b>							
<b>non magnetic</b>							
stroke = 25	110_0025	X	X	X	X	X	X
stroke = 50	110_0050	X	X	X	X	X	X
stroke = 80	110_0080	X	X	X	X	X	X
stroke = 100	110_0100	X	X	X	X	X	X
stroke = 125	110_0125	X	X	X	X	X	X
stroke = 160	110_0160	X	X	X	X	X	X
stroke = 200	110_0200	X	X	X	X	X	X
stroke = 250	110_0250	X	X	X	X	X	X
stroke = 320	110_0320	X	X	X	X	X	X
stroke = 400	110_0400	X	X	X	X	X	X
stroke = 500	110_0500	X	X	X	X	X	X
<b>magnetic</b>							
stroke = 25	112_0025	X	X	X	X	X	X
stroke = 50	112_0050	X	X	X	X	X	X
stroke = 80	112_0080	X	X	X	X	X	X
stroke = 100	112_0100	X	X	X	X	X	X
stroke = 125	112_0125	X	X	X	X	X	X
stroke = 160	112_0160	X	X	X	X	X	X
stroke = 200	112_0200	X	X	X	X	X	X
stroke = 250	112_0250	X	X	X	X	X	X
stroke = 320	112_0320	X	X	X	X	X	X
stroke = 400	112_0400	X	X	X	X	X	X
stroke = 500	112_0500	X	X	X	X	X	X

<b>DOUBLE ACTING - CUSHIONED</b>							
<b>non magnetic</b>							
stroke = 25	109_0025	X	X	X	X	X	X
stroke = 50	109_0050	X	X	X	X	X	X
stroke = 80	109_0080	X	X	X	X	X	X
stroke = 100	109_0100	X	X	X	X	X	X
stroke = 125	109_0125	X	X	X	X	X	X
stroke = 160	109_0160	X	X	X	X	X	X
stroke = 200	109_0200	X	X	X	X	X	X
stroke = 250	109_0250	X	X	X	X	X	X
stroke = 320	109_0320	X	X	X	X	X	X
stroke = 400	109_0400	X	X	X	X	X	X
stroke = 500	109_0500	X	X	X	X	X	X
<b>magnetic</b>							
stroke = 25	113_0025	X	X	X	X	X	X
stroke = 50	113_0050	X	X	X	X	X	X
stroke = 80	113_0080	X	X	X	X	X	X
stroke = 100	113_0100	X	X	X	X	X	X
stroke = 125	113_0125	X	X	X	X	X	X
stroke = 160	113_0160	X	X	X	X	X	X
stroke = 200	113_0200	X	X	X	X	X	X
stroke = 250	113_0250	X	X	X	X	X	X
stroke = 320	113_0320	X	X	X	X	X	X
stroke = 400	113_0400	X	X	X	X	X	X
stroke = 500	113_0500	X	X	X	X	X	X

Descrizione	Code	032		040		050	
Diameter		NBR	Polyurethan	NBR	Polyurethan	NBR	Polyurethan
Gaskets		AN	AP	AN	AP	AN	AP
<b>SINGLE ACTING - NOT CUSHIONED</b>							
<b>magnetic</b>							
stroke = 25	111_0025	X	X	X	X	X	X
stroke = 50	111_0050	X	X	X	X	X	X
stroke = 80	111_0080	X	X	X	X	X	X
stroke = 100	111_0100	X	X	X	X	X	X
stroke = 125	111_0125	X	X	X	X	X	X
stroke = 160	111_0160	X	X	X	X	X	X
stroke = 200	111_0200	X	X	X	X	X	X
stroke = 250	111_0250	X	X	X	X	X	X

**OTHER VERSIONS**

Inox rod  
 Passing through rod 104..., 114 and 115

### LINKS FOR ROUND CYLINDER SERIES RNDC

"ACCESSORIES FIXINGS" PAGE 52  
 "MAGNETIC SENSORS" PAGE 69



## SHORT-STROKE CYLINDERS SERIES SSCY



Description Diameter	Code	012		016		020		025		032		040		050		063		080		100	
		NBR CN	Polyurethan CP	NBR CN	Polyurethan CP	NBR CN	Polyurethan CP	NBR CN	Polyurethan CP	NBR CN	Polyurethan CP	NBR CN	Polyurethan CP	NBR CN	Polyurethan CP	NBR CN	Polyurethan CP	NBR AN	Polyurethan AP	NBR AN	Polyurethan AP
<b>SINGLE ACTING</b>																					
<b>non magnetic</b>																					
stroke = 5	208_0005	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
stroke = 10	208_0010	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
stroke = 15	208_0015	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
stroke = 20	208_0020	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
stroke = 25	208_0025	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
stroke = 30	208_0030									X	X	X	X	X	X	X					
stroke = 40	208_0040									X	X	X	X	X	X	X					
stroke = 50	208_0050									X	X	X	X	X	X	X					
<b>magnetic</b>																					
stroke = 5	210_0005	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
stroke = 10	210_0010	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
stroke = 15	210_0015	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
stroke = 20	210_0020	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
stroke = 25	210_0025	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
stroke = 30	210_0030									X	X	X	X	X	X	X					
stroke = 40	210_0040									X	X	X	X	X	X	X					
stroke = 50	210_0050									X	X	X	X	X	X	X					
<b>DOUBLE ACTING</b>																					
<b>non magnetic</b>																					
stroke = 5	213_0005	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 10	213_0010	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 25	213_0025	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 30	213_0030	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 40	213_0040	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 50	213_0050					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 75	213_0075													X	X	X	X	X	X	X	X
stroke = 100	213_0100																X	X	X	X	X
<b>magnetic</b>																					
stroke = 5	212_0005	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 10	212_0010	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 25	212_0025	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 30	212_0030	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 40	212_0040	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 50	212_0050					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
stroke = 75	212_0075													X	X	X	X	X	X	X	X
stroke = 100	212_0100																X	X	X	X	X

For intermediate strokes the list price is the one of the bigger standard stroke

- Non Magnetic Single acting extended rod 209 .....
- Single acting extended rod 211 .....
- Through rod 214 .....
- Single acting retracted non-rotating 215 .....
- Non-rotating 217 .....
- Double acting, perforated through rod 218 .....
- With male hinge 221 .....
- With female hinge 222 .....
- Single acting through rod 223 .....
- Other special versions 228 .....
- INOX ROD

**NOTE**

Max stroke	12	16	20	25	32	40	50	63	80	100
SE	25	25	25	25	50	50	50	50	-	-
DE	50	50	50	70	70	70	110	110	150	150

For bigger strokes DE cylinders, please apply to our sales department

## LINKS FOR SHORT-STROKE CYLINDERS SERIES SSCY

- "ACCESSORIES FIXINGS" PAGE 52
- "MAGNETIC SENSORS" PAGE 69
- "SPARE PARTS" PAGE 64



## CARTRIDGE MICRO-CYLINDER SERIES CRTC

Code	Description		Code	Description		Code	Description	
<b>SINGLE ACTING STELO RETRATTO</b>								
<b>Ø6, Ø 10, Ø16</b>								
			W100060015	Cyl. CRTC 006-0015-S000-00				
			W1000100005	Cyl. CRTC 010-0005-S000-00				
			W1000100010	Cyl. CRTC 010-0010-S000-00				
			W1000100015	Cyl. CRTC 010-0015-S000-00				
			W1000160005	Cyl. CRTC 016-0005-S000-00				
			W1000160010	Cyl. CRTC 016-0010-S000-00				
W1000060005	Cyl. CRTC 006-0005-S000-00		W1000160015	Cyl. CRTC 016-0015-S000-00				
W1000060010	Cyl. CRTC 006-0010-S000-00							

## COMPACT GUIDED CYLINDERS SERIES CMPG

### BRASS BUSH



Description	Code									
Diameter		016	020	025	032	040	050	063	080	100
		016	020	025	032	040	050	063	080	0A1

### NOT CUSHIONED VERSION

stroke = 10	W143_2010	X								
stroke = 20	W143_2020	X	X	X						
stroke = 25	W143_2025	X	X	X	X	X	X	X	X	X
stroke = 30	W143_2030	X	X	X						
stroke = 40	W143_2040	X	X	X						
stroke = 50	W143_2050	X	X	X	X	X	X	X	X	X
stroke = 75	W143_2075	X	X	X	X	X	X	X	X	X
stroke = 100	W143_2100	X	X	X	X	X	X	X	X	X
stroke = 150	W143_2150	X	X	X	X	X	X	X	X	X
stroke = 200	W143_2200	X	X	X	X	X	X	X	X	X

### CUSHIONED VERSION

stroke = 20	W143_4020	X	X	X						
stroke = 25	W143_4025				X	X	X	X		
stroke = 30	W143_4030	X	X	X						
stroke = 40	W143_4040	X	X	X						
stroke = 50	W143_4050	X	X	X	X	X	X	X		
stroke = 75	W143_4075		X	X	X	X	X	X		
stroke = 100	W143_4100		X	X	X	X	X	X		
stroke = 150	W143_4150		X	X	X	X	X	X		
stroke = 175	W143_4175				X	X	X	X		

### BALL BEARINGS

Description	Code									
Diameter		016	020	025	032	040	050	063	080	100
		016	020	025	032	040	050	063	080	0A1

### NOT CUSHIONED VERSION

stroke = 10	W143_3010	X								
stroke = 20	W143_3020	X	X	X						
stroke = 25	W143_3025	X	X	X	X	X	X	X	X	X
stroke = 30	W143_3030	X	X	X						
stroke = 40	W143_3040	X	X	X						
stroke = 50	W143_3050	X	X	X	X	X	X	X	X	X
stroke = 75	W143_3075	X	X	X	X	X	X	X	X	X
stroke = 100	W143_3100	X	X	X	X	X	X	X	X	X
stroke = 150	W143_3150	X	X	X	X	X	X	X	X	X
stroke = 200	W143_3200	X	X	X	X	X	X	X	X	X

### CUSHIONED VERSION

stroke = 20	W143_5020	X	X	X						
stroke = 25	W143_5025				X	X	X	X		
stroke = 30	W143_5030	X	X	X						
stroke = 40	W143_5040	X	X	X						
stroke = 50	W143_5050	X	X	X	X	X	X	X		
stroke = 75	W143_5075		X	X	X	X	X	X		
stroke = 100	W143_5100		X	X	X	X	X	X		
stroke = 150	W143_5150		X	X	X	X	X	X		
stroke = 175	W143_5175				X	X	X	X		

## LINKS FOR COMPACT GUIDED CYLINDERS SERIES CMPG

"ACCESSORIES FIXINGS" PAGE 52  
 "MAGNETIC SENSORS" PAGE 69



## COMPACT GUIDED CYLINDER SERIES MULTIFIX

**BRONZE BUSHINGS**



Description	Code	016	020	025	032	040	080
Diameter							

**SILENCED**

stroke = 10	W143 _ _ A010	X					
stroke = 20	W143 _ _ A020	X	X	X			
stroke = 25	W143 _ _ A025						
stroke = 30	W143 _ _ A030	X	X	X	X	X	X
stroke = 40	W143 _ _ A040	X	X	X			
stroke = 50	W143 _ _ A050	X	X	X	X	X	X
stroke = 75	W143 _ _ A075	X	X	X	X	X	X
stroke = 100	W143 _ _ A100	X	X	X	X	X	X
stroke = 125	W143 _ _ A125	X	X	X	X	X	X
stroke = 150	W143 _ _ A150	X	X	X	X	X	X
stroke = 175	W143 _ _ A175	X	X	X	X	X	X
stroke = 200	W143 _ _ A200	X	X	X	X	X	X
stroke = 250	W143 _ _ A250	X	X	X	X	X	X
stroke = 300	W143 _ _ A300		X	X	X	X	X
stroke = 350	W143 _ _ A350		X	X	X	X	X
stroke = 400	W143 _ _ A400		X	X	X	X	X

**WITH PNEUMATIC CUSHIONING**

stroke = 25	W143 _ _ C025	X	X	X	X	X	X
stroke = 50	W143 _ _ C050	X	X	X	X	X	X
stroke = 75	W143 _ _ C075	X	X	X	X	X	X
stroke = 100	W143 _ _ C100	X	X	X	X	X	X
stroke = 125	W143 _ _ C125	X	X	X	X	X	X
stroke = 150	W143 _ _ C150	X	X	X	X	X	X
stroke = 175	W143 _ _ C175	X	X	X	X	X	X
stroke = 200	W143 _ _ C200	X	X	X	X	X	X
stroke = 250	W143 _ _ C250	X	X	X	X	X	X
stroke = 300	W143 _ _ C300		X	X	X	X	X
stroke = 350	W143 _ _ C350		X	X	X	X	X
stroke = 400	W143 _ _ C400		X	X	X	X	X

**BALL RECIRCULATING BEARINGS**

Description	Code	016	020	025	032	040	080
Diameter							

**SILENCED**

stroke = 10	W143 _ _ B010	X					
stroke = 20	W143 _ _ B020	X	X	X			
stroke = 25	W143 _ _ B025						
stroke = 30	W143 _ _ B030	X	X	X	X	X	X
stroke = 40	W143 _ _ B040	X	X	X			
stroke = 50	W143 _ _ B050	X	X	X	X	X	X
stroke = 75	W143 _ _ B075	X	X	X	X	X	X
stroke = 100	W143 _ _ B100	X	X	X	X	X	X
stroke = 125	W143 _ _ B125	X	X	X	X	X	X
stroke = 150	W143 _ _ B150	X	X	X	X	X	X
stroke = 175	W143 _ _ B175	X	X	X	X	X	X
stroke = 200	W143 _ _ B200	X	X	X	X	X	X
stroke = 250	W143 _ _ B250		X	X	X	X	X
stroke = 300	W143 _ _ B300		X	X	X	X	X
stroke = 350	W143 _ _ B350		X	X	X	X	X
stroke = 400	W143 _ _ B400		X	X	X	X	X

**WITH PNEUMATIC CUSHIONING**

stroke = 25	W143 _ _ D025	X	X	X	X	X	X
stroke = 50	W143 _ _ D050	X	X	X	X	X	X
stroke = 75	W143 _ _ D075	X	X	X	X	X	X
stroke = 100	W143 _ _ D100	X	X	X	X	X	X
stroke = 125	W143 _ _ D125	X	X	X	X	X	X
stroke = 150	W143 _ _ D150	X	X	X	X	X	X
stroke = 175	W143 _ _ D175	X	X	X	X	X	X
stroke = 200	W143 _ _ D200	X	X	X	X	X	X
stroke = 250	W143 _ _ D250	X	X	X	X	X	X
stroke = 300	W143 _ _ D300		X	X	X	X	X
stroke = 350	W143 _ _ D350		X	X	X	X	X
stroke = 400	W143 _ _ D400		X	X	X	X	X

## LINKS FOR COMPACT GUIDED CYLINDER SERIES MULTIFIX



**ROTLINEAR SWING CLAMP CYLINDERS SERIES SWC AND SWH**



Version	Bore	Stroke	Direction of rotation	Gaskets	Code
SWC - Compact	16	10	Clockwise	PU	W149C1610RAP
SWC - Compact	16	10	Counterclockwise	PU	W149C1610LAP
SWC - Compact	16	10	Straight	PU	W149C1610SAP
SWC - Compact	16	10	Clockwise	KFM/FPM	W149C1610RAV
SWC - Compact	16	10	Counterclockwise	KFM/FPM	W149C1610LAV
SWC - Compact	16	10	Straight	KFM/FPM	W149C1610SAV
SWC - Compact	25	10	Clockwise	PU	W149C2510RAP
SWC - Compact	25	10	Counterclockwise	PU	W149C2510LAP
SWC - Compact	25	10	Straight	PU	W149C2510SAP
SWC - Compact	25	10	Clockwise	KFM/FPM	W149C2510RAV
SWC - Compact	25	10	Counterclockwise	KFM/FPM	W149C2510LAV
SWC - Compact	25	10	Straight	KFM/FPM	W149C2510SAV
SWC - Compact	32	10	Clockwise	PU	W149C3210RAP
SWC - Compact	32	10	Counterclockwise	PU	W149C3210LAP
SWC - Compact	32	10	Straight	PU	W149C3210SAP
SWC - Compact	32	10	Clockwise	KFM/FPM	W149C3210RAV
SWC - Compact	32	10	Counterclockwise	KFM/FPM	W149C3210LAV
SWC - Compact	32	10	Straight	KFM/FPM	W149C3210SAV
SWC - Compact	40	10	Clockwise	PU	W149C4010RAP
SWC - Compact	40	10	Counterclockwise	PU	W149C4010LAP
SWC - Compact	40	10	Straight	PU	W149C4010SAP
SWC - Compact	40	10	Clockwise	KFM/FPM	W149C4010RAV
SWC - Compact	40	10	Counterclockwise	KFM/FPM	W149C4010LAV
SWC - Compact	40	10	Straight	KFM/FPM	W149C4010SAV
SWC - Compact	50	20	Clockwise	PU	W149C5020RAP
SWC - Compact	50	20	Counterclockwise	PU	W149C5020LAP
SWC - Compact	50	20	Straight	PU	W149C5020SAP
SWC - Compact	50	20	Clockwise	KFM/FPM	W149C5020RAV
SWC - Compact	50	20	Counterclockwise	KFM/FPM	W149C5020LAV
SWC - Compact	50	20	Straight	KFM/FPM	W149C5020SAV

Version	Bore	Stroke	Direction of rotation	Gaskets	Code
SWH - Heavy duty	40	10	Clockwise	PU	W149H4010RAP
SWH - Heavy duty	40	10	Counterclockwise	PU	W149H4010LAP
SWH - Heavy duty	40	10	Straight	PU	W149H4010SAP
SWH - Heavy duty	40	10	Clockwise	KFM/FPM	W149H4010RAV
SWH - Heavy duty	40	10	Counterclockwise	KFM/FPM	W149H4010LAV
SWH - Heavy duty	40	10	Straight	KFM/FPM	W149H4010SAV
SWH - Heavy duty	50	25	Clockwise	PU	W149H5025RAP
SWH - Heavy duty	50	25	Counterclockwise	PU	W149H5025LAP
SWH - Heavy duty	50	25	Straight	PU	W149H5025SAP
SWH - Heavy duty	50	25	Clockwise	KFM/FPM	W149H5025RAV
SWH - Heavy duty	50	25	Counterclockwise	KFM/FPM	W149H5025LAV
SWH - Heavy duty	50	25	Straight	KFM/FPM	W149H5025SAV
SWH - Heavy duty	63	8	Clockwise	PU	W149H6308RAP
SWH - Heavy duty	63	8	Counterclockwise	PU	W149H6308LAP
SWH - Heavy duty	63	8	Straight	PU	W149H6308SAP
SWH - Heavy duty	63	8	Clockwise	KFM/FPM	W149H6308RAV
SWH - Heavy duty	63	8	Counterclockwise	KFM/FPM	W149H6308LAV
SWH - Heavy duty	63	8	Straight	KFM/FPM	W149H6308SAV

**LINKS FOR ROTLINEAR SWING CLAMP CYLINDERS SERIES SWC AND SWH**

"ACCESSORIES FIXINGS" PAGE 52

"MAGNETIC SENSORS" PAGE 69

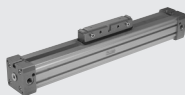
"POSITION SENSOR" PAGE 73



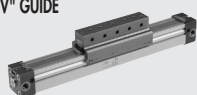


## RODLESS CYLINDER SERIES STD - "V" GUIDE - BALL RECIRCULATING GUIDE - DOUBLE

STD



"V" GUIDE



BALL RECIRCULATING GUIDE



DOUBLE



Description		Code	16	25	32	40	63
<b>BASIC EXECUTIONS</b>							
Double acting magnetic with cushioning	0 mm stroke	270...0000CN	X	X	X	X	X
	Each mm stroke		X	X	X	X	X
Double acting magnetic with cushioning and swing carriage	0 mm stroke	271...0000CN	X	X	X	X	X
	Each mm stroke		X	X	X	X	X
Double acting double magnetic with cushioning and V guides	0 mm stroke	277...0000CN		X	X	X	X
	Each mm stroke			X	X	X	X
Double acting double magnetic with cushioning and V guides + end stops adjustable and decelerators	0 mm stroke	278...0000CN		X	X	X	X
	Each mm stroke			X	X	X	X
Double acting double magnetic with cushioning + end stops adjustable and decelerators	0 mm stroke	273...0000CN	X	X	X	X	X
	Each mm stroke		X	X	X	X	X
Double acting double magnetic with cushioning and ball recirculating guide	0 mm stroke	275...0000CN	X	X	X	X	X
	Each mm stroke		X	X	X	X	X
Double acting double magnetic with cushioning and ball recirculating guide + end stops adjustable and decelerators	0 mm stroke	276...0000CN	X	X	X	X	X
	Each mm stroke		X	X	X	X	X
Double acting double magnetic with cushioning and ball recirculating guide- heavy series	0 mm stroke	275A630000CN					X
	Each mm stroke						X
Double acting double magnetic with cushioning and ball recirculating guide + end stops adjustable and decelerators heavy series	0 mm stroke	276A630000CN					X
	Each mm stroke						X
Double acting double magnetic with cushioning	0 mm stroke	272...0000CN	X	X	X		
	Each mm stroke		X	X	X		
<b>OTHER EXECUTION</b>							
Without guides with FKM/FPM gaskets version		270, 271, 272, 273..CV X Ø 63: 270, 271..CV			X	X	
Guides with FKM/FPM gaskets version		275, 276, 277, 278..CV			X		
Without guide NO MAGNETIC VERSION		270S, 271S, 272S, 273S			X		
Guide NO MAGNETIC VERSION		275S, 276S, 277S, 278S..					= to the standard

## LINKS FOR RODLESS CYLINDER SERIES STD - "V" GUIDE - BALL RECIRCULATING GUIDE - DOUBLE

"ACCESSORIES FIXINGS" PAGE 52



"MAGNETIC SENSORS" PAGE 69



"SPARE PARTS" PAGE 64



"SHOCK ABSORBERS" PAGE 67



## RODLESS CYLINDER SERIES PU - "V" GUIDE - BALL RECIRCULATING GUIDE

STD



"V" GUIDE



Only Ø 50

BALL RECIRCULATING GUIDE



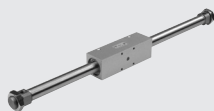
Only Ø 50

Description	Code	25		32		40		50	
		stroke 0	each mm stroke	stroke 0	each mm stroke	stroke 0	each mm stroke	stroke 0	each mm stroke
Double acting magnetic with cushioning	2703 --- CP	X	X	X	X	X	X	X	X
Double acting magnetic with cushioning with swing carriage	2713 --- CP	X	X	X	X	X	X	X	X
Double acting magnetic with cushioning + adjustable limit switch and shock absorbers	2733 --- CP	X	X	X	X	X	X	X	X
Double acting magnetic with cushioning with guide "V"	2773 --- CP							X	X
Double acting magnetic with cushioning with guide "V" + adjustable limit switch and shock absorbers	2783 --- CP							X	X
Double acting magnetic with cushioning with ball recirculating guide	2753 --- CP							X	X
Double acting magnetic with cushioning with ball recirculating guide + adjustable limit switch and shock absorbers	2763 --- CP							X	X
Double acting NOT magnetic with cushioning	2705 --- CP	X	X	X	X	X	X	X	X
Double acting NOT magnetic with cushioning with swing carriage	2715 --- CP	X	X	X	X	X	X	X	X
Double acting NOT magnetic with cushioning + adjustable limit switch and shock absorbers	2735 --- CP	X	X	X	X	X	X	X	X
Double acting NOT magnetic with cushioning with guide "V"	2775 --- CP								= magnetic version
Double acting NOT magnetic with cushioning with guide "V" + adjustable limit switch and shock absorbers	2785 --- CP								= magnetic version
Double acting NOT magnetic with cushioning with ball recirculating guide	2755 --- CP								= magnetic version
Double acting NOT magnetic with cushioning with ball recirculating guide + adjustable limit switch and shock absorbers	2765 --- CP								= magnetic version
No stick-slip version	27 4 --- CP	=	=	=	=	=	=	=	=

## LINKS FOR CYLINDER SERIES PU - "V" GUIDE - BALL RECIRCULATING GUIDE

["ACCESSORIES FIXINGS" PAGE 52](#)
["MAGNETIC SENSORS" PAGE 69](#)
["SHOCK ABSORBERS" PAGE 67](#)


## RODLESS CYLINDER WITH MAGNETIC SLIDING "MAGNETIC SLIDE" SERIES



Description	Code	Code		
		16	20	25
Double acting magnetic	27A ---	X	X	X
Each mm stroke		X	X	X
Double acting magnetic with cushioning	27B ---	X	X	X
Each mm stroke		X	X	X
Double acting magnetic swinging	27C ---	X	X	X
Each mm stroke		X	X	X
Double acting magnetic with cushioning swinging	27D ---	X	X	X
Each mm stroke		X	X	X

## LINKS FOR RODLESS CYLINDER SERIES PU - "V" GUIDE - BALL RECIRCULATING GUIDE

["ACCESSORIES FIXINGS" PAGE 52](#)
["MAGNETIC SENSORS" PAGE 69](#)


## ISO 6432 MINI-CYLINDERS SERIES STAINLESS STEEL

### INOX SERIES ISO 6432



Description	Code	16	20	25
<b>Diameter</b>				
<b>ISO 6432 MINI-CYLINDERS SERIES STAINLESS STEEL</b>				
<b>DOUBLE ACTING NON MAGNETIC</b>				
stroke=10	W180S_0010	X	X	X
stroke=25	W180S_0025	X	X	X
stroke=50	W180S_0050	X	X	X
stroke=80	W180S_0080	X	X	X
stroke=100	W180S_0100	X	X	X
stroke=125	W180S_0125	X	X	X
stroke=160	W180S_0160	X	X	X
stroke=200	W180S_0200	X	X	X
stroke=250	W180S_0250	X	X	X
stroke=320	W180S_0320	X	X	X
stroke=400	W180S_0400	X	X	X
stroke=500	W180S_0500	X	X	X
<b>DOUBLE ACTING MAGNETIC</b>				
stroke=10	W1800_0010	X	X	X
stroke=25	W1800_0025	X	X	X
stroke=50	W1800_0050	X	X	X
stroke=80	W1800_0080	X	X	X
stroke=100	W1800_0100	X	X	X
stroke=125	W1800_0125	X	X	X
stroke=160	W1800_0160	X	X	X
stroke=200	W1800_0200	X	X	X
stroke=250	W1800_0250	X	X	X
stroke=320	W1800_0320	X	X	X
stroke=400	W1800_0400	X	X	X
stroke=500	W1800_0500	X	X	X

## ROUND CYLINDER SERIES RNDC STAINLESS STEEL



Description	Code	32	40	50	63
<b>Diameter</b>					
<b>ROUND CYLINDER SERIES RNDC STAINLESS STEEL</b>					
<b>DOUBLE ACTING NON MAGNETIC</b>					
stroke=10	W180S_0010	X	X	X	X
stroke=25	W180S_0025	X	X	X	X
stroke=50	W180S_0050	X	X	X	X
stroke=80	W180S_0080	X	X	X	X
stroke=100	W180S_0100	X	X	X	X
stroke=125	W180S_0125	X	X	X	X
stroke=160	W180S_0160	X	X	X	X
stroke=200	W180S_0200	X	X	X	X
stroke=250	W180S_0250	X	X	X	X
stroke=320	W180S_0320	X	X	X	X
stroke=400	W180S_0400	X	X	X	X
stroke=500	W180S_0500	X	X	X	X
<b>DOUBLE ACTING MAGNETIC</b>					
stroke=10	W1800_0010	X	X	X	X
stroke=25	W1800_0025	X	X	X	X
stroke=50	W1800_0050	X	X	X	X
stroke=80	W1800_0080	X	X	X	X
stroke=100	W1800_0100	X	X	X	X
stroke=125	W1800_0125	X	X	X	X
stroke=160	W1800_0160	X	X	X	X
stroke=200	W1800_0200	X	X	X	X
stroke=250	W1800_0250	X	X	X	X
stroke=320	W1800_0320	X	X	X	X
stroke=400	W1800_0400	X	X	X	X
stroke=500	W1800_0500	X	X	X	X

## ISO 15552 CYLINDERS - SERIES STAINLESS STEEL



Description	Code	032	040	050	063	080	100	125
Diameter		32	40	50	63	80	A1	A2
Reference								
<b>ISO 15552 CYLINDERS - SERIES STAINLESS STEEL</b>								
<b>DOUBLE ACTING CUSHIONED NON MAGNETIC</b>								
stroke=25	W184S_0025	X	X	X	X	X	X	X
stroke=50	W184S_0050	X	X	X	X	X	X	X
stroke=80	W184S_0080	X	X	X	X	X	X	X
stroke=100	W184S_0100	X	X	X	X	X	X	X
stroke=125	W184S_0125	X	X	X	X	X	X	X
stroke=160	W184S_0160	X	X	X	X	X	X	X
stroke=200	W184S_0200	X	X	X	X	X	X	X
stroke=250	W184S_0250	X	X	X	X	X	X	X
stroke=320	W184S_0320	X	X	X	X	X	X	X
stroke=400	W184S_0400	X	X	X	X	X	X	X
stroke=500	W184S_0500	X	X	X	X	X	X	X
stroke=600	W184S_0600	X	X	X	X	X	X	X
stroke=700	W184S_0700	X	X	X	X	X	X	X
stroke=800	W184S_0800	X	X	X	X	X	X	X
stroke=900	W184S_0900	X	X	X	X	X	X	X
stroke=1000	W184S_1000	X	X	X	X	X	X	X
<b>DOUBLE ACTING CUSHIONED MAGNETIC</b>								
stroke=25	W1840_0025	X	X	X	X	X	X	X
stroke=50	W1840_0050	X	X	X	X	X	X	X
stroke=80	W1840_0080	X	X	X	X	X	X	X
stroke=100	W1840_0100	X	X	X	X	X	X	X
stroke=125	W1840_0125	X	X	X	X	X	X	X
stroke=160	W1840_0160	X	X	X	X	X	X	X
stroke=200	W1840_0200	X	X	X	X	X	X	X
stroke=250	W1840_0250	X	X	X	X	X	X	X
stroke=320	W1840_0320	X	X	X	X	X	X	X
stroke=400	W1840_0400	X	X	X	X	X	X	X
stroke=500	W1840_0500	X	X	X	X	X	X	X
stroke=600	W1840_0600	X	X	X	X	X	X	X
stroke=700	W1840_0700	X	X	X	X	X	X	X
stroke=800	W1840_0800	X	X	X	X	X	X	X
stroke=900	W1840_0900	X	X	X	X	X	X	X
stroke=1000	W1840_1000	X	X	X	X	X	X	X

**KEY TO CODE**

W 18	0	0	16	0020
	Type	Version	Diameter	Stroke
ISO 6432 INOX	0 - DEM 1 - DEM through rod	0 - Standard (magnetic) S - Not magnetic V** - FKM/FPM gaskets	16 20 25	* Ø 16-25 stroke 0-500 mm
ROUND INOX	0 - DEM 1 - DEM through rod	0 - Standard (magnetic) S - Not magnetic V** - FKM/FPM gaskets	32 40 50 63	* Ø 32-63 stroke 0-500 mm
ISO 15552 INOX	4 - DEMA 5 - DEMA through rod	0 - Standard (magnetic) S - Not magnetic V** - FKM/FPM gaskets	32 40 50 63 80 *** 100 *** 125	* Ø 32-100 stroke 0-1000 mm

DEMA: Magnetic double-acting (non-cushioned)

DEM: Magnetic double-acting (cushioned)

\* Maximum recommended strokes. Higher values can create operating problems.

\*\* For this version the cylinder will be not magnetic

\*\*\* In the code of cylinder with letter in fifth position Ø100 becomes A1, and Ø125 becomes A2

## LINKS FOR CYLINDERS SERIES INOX ISO 6432, SERIES "RNDC", SERIES ISO 15552









"ACCESSORIES FIXINGS" PAGE 52

"MAGNETIC SENSORS" PAGE 69



PRICE FOR NON STANDARD STROKE = PRICE FOR NEXT STANDARD STROKE






PRICE FOR DOUBLE PISTON ROD +50%

Description	Code	Description	Code
<b>GRIPPERS WITH 2 PARALLEL JAWS</b>		<b>GRIPPERS WITH 2 HINGED JAWS</b>	
	<p><b>SERIES P1</b></p> <p>P1-20 W1550200001 P1-32 W1550320001</p>		<p><b>SERIES P7</b></p> <p>P7-16 W1590160200 P7-20 W1590200200 P7-32 W1590320200 P7-50 W1590500200</p>
	<p><b>SERIES P2</b></p> <p>P2-16 W1570160200 P2-20 W1570200200 P2-25 W1570250200</p>		<p><b>SERIES P8</b></p> <p>P8-32 TECHNOPYMER W0710010002 P8-40 TECHNOPYMER W0710010003 P8-50 TECHNOPYMER W0710010004</p>
	<p><b>SERIES P3</b></p> <p>P3-40 W1560400200 P3-64 W1560640200 P3-64 for inductive sensor W1560640201 P3-80 W1560800200 P3-80 for inductive sensor W1560800201 P3-80 increased force W1560800220 P3-80 increased force for inductive sensor W1560800221 P3-100 W1561000200 P3-100 for inductive sensor W1561000201 P3-100 increased force W1561000220 P3-100 increased force for inductive sensor W1561000221</p>	<b>GRIPPERS 180° WITH 2 HINGED JAWS</b>	
	<p><b>SERIES P4</b></p> <p>P4-10 long stroke W1580100200 P4-12 long stroke W1580120200 P4-16 long stroke W1580160200 P4-25 long stroke W1580250200 P4-30 long stroke W1580300200</p>		<p><b>SERIES P9</b></p> <p>P9-32 W1530320180 P9-40 W1530400180</p>
		<b>GRIPPERS 180° WITH 2 HINGED JAWS</b>	
			<p><b>SERIES P12</b></p> <p>P12-40 W1560400300 P12-64 W1560640300 P12-64 for inductive sensor W1560640301 P12-80 W1560800300 P12-80 for inductive sensor W1560800301 P12-80 increased force W1560800320 P12-80 increased force for inductive sensor W1560800321 P12-100 W1561000300 P12-100 for inductive sensor W1561000301 P12-100 increased force W1561000320 P12-100 increased force for inductive sensor W1561000321</p>

## LINKS FOR GRIPPERS

"ACCESSORIES FIXINGS" PAGE 52  
 "MAGNETIC SENSORS" PAGE 69  
 "SHOCK ABSORBERS" PAGE 67




Description	Code	012	016	020	022	025	030	032	040	050	063	080	100	125
<b>ROTARY ACTUATORS SERIES R1 Ø32 to Ø100</b>														
<b>M - MALE PINION</b>														
<b>without adjustings</b>														
 R1-90° w/out adj.	W165 _ 1090							X	X	X	X	X	X	X
R1-180° w/out adj.	W165 _ 1180							X	X	X	X	X	X	X
R1-270° w/out adj.	W165 _ 1270							X	X	X	X	X	X	X
R1-360° w/out adj.	W165 _ 1360							X	X	X	X	X	X	X
<b>with adjustings</b>														
R1-90° with adj.	W165 _ 2090							X	X	X	X	X	X	X
R1-180° with adj.	W165 _ 2180							X	X	X	X	X	X	X
R1-270° with adj.	W165 _ 2270							X	X	X	X	X	X	X
R1-360° with adj.	W165 _ 2360							X	X	X	X	X	X	X
<b>F - FEMALE PINION</b>														
<b>without adjustings</b>														
R1-90° w/out adj.	W166 _ 1090							X	X	X	X	X	X	X
R1-180° w/out adj.	W166 _ 1180							X	X	X	X	X	X	X
R1-270° w/out adj.	W166 _ 1270							X	X	X	X	X	X	X
R1-360° w/out adj.	W166 _ 1360							X	X	X	X	X	X	X
<b>without adjustment</b>														
R1-90° with adj.	W166 _ 2090							X	X	X	X	X	X	X
R1-180° with adj.	W166 _ 2180							X	X	X	X	X	X	X
R1-270° with adj.	W166 _ 2270							X	X	X	X	X	X	X
R1-360° with adj.	W166 _ 2360							X	X	X	X	X	X	X
<b>ROTARY ACTUATORS SERIES R2</b>														
 R2-90°	W162 _ 2090	X	X	X		X								
R2-180°	W162 _ 2180	X	X	X		X								
<b>ROTARY ACTUATORS SERIES R3</b>														
 R3-180° with flange	W163 _ 2180		X	X	X	X	X		X					
R3-180° with shaft	W163 _ 5180		X	X		X	X							
R3-180° with flange+shock absorbers	W163 _ 3180					X	X		X					
R3-180° with shaft+shock absorbers	W163 _ 6180					X	X							
<b>ROTARY ACTUATORS SERIES R3 WITH EXTERNAL SHOCK ABSORBERS</b>														
 R3-90° with flange+shock absorbers	W163 _ 4090		X	X	X	X	X		X					
R3-180° with flange+shock absorbers	W163 _ 4180		X	X	X	X	X		X					
<b>VANE ROTARY ACTUATOR SERIES R5</b>														
 R5-16-90°	W1670160090		X											
R5-16-180°	W1670160180		X											
R5-16-270°	W1670160270		X											
R5-16-90° con reg. angolo	W1670161090		X											
R5-16-180° con reg. angolo	W1670161180		X											
R5-16-270° con reg. angolo	W1670161270		X											
R5-16-90° con reg. angolo e predis. sensore	W1670162090		X											
R5-16-180° con reg. angolo e predis. sensore	W1670162180		X											
R5-16-270° con reg. angolo e predis. sensore	W1670162270		X											

## LINKS FOR ROTARY ACTUATORS


"ACCESSORIES FIXINGS" PAGE 52  
 "MAGNETIC SENSORS" PAGE 69  
 "SHOCK ABSORBERS" PAGE 67




## GUIDE UNITS AND SLIDES

Description	Code	06	10	12	16	20	25	30
<b>TWIN CYLINDER SERIES S10</b>								
 S10 C.15	W1440_2015			X	X			
S10 C.25	W1440_2025			X	X	X	X	X
S10 C.50	W1440_2050			X	X	X	X	X
S10 C.75	W1440_2075				X	X	X	X
S10 C.100	W1440_2100					X	X	X
S10 C.125	W1440_2125						X	X
S10 C.15 CUSC.	W1440_3015			X	X			
S10 C.25 CUSC.	W1440_3025			X	X	X	X	X
S10 C.50 CUSC.	W1440_3050			X	X	X	X	X
S10 C.75 CUSC.	W1440_3075				X	X	X	X
S10 C.100 CUSC.	W1440_3100					X	X	X
S10 C.125 CUSC.	W1440_3125						X	X


### TWIN CYLINDER SLIDE WITH FIXED BODY SERIES S11

 S11 C.25	W1450_2025			X	X	X	X	X
S11 C.50	W1450_2050			X	X	X	X	X
S11 C.75	W1450_2075			X	X	X	X	X
S11 C.100	W1450_2100				X	X	X	X
S11 C.125	W1450_2125					X	X	X
S11 C.150	W1450_2150						X	X
S11 C.25 CUS	W1450_3025			X	X	X	X	X
S11 C.50 CUS	W1450_3050			X	X	X	X	X
S11 C.75 CUS	W1450_3075			X	X	X	X	X
S11 C100 CUS	W1450_3100				X	X	X	X
S11 C125 CUS	W1450_3125					X	X	X
S11 C150 CUS	W1450_3150						X	X
S11 C.50 DEC	W1450_4050			X	X	X	X	X
S11 C.75 DEC	W1450_4075			X	X	X	X	X
S11 C100 DEC	W1450_4100				X	X	X	X
S11 C125 DEC	W1450_4125					X	X	X
S11 C150 DEC	W1450_4150						X	X
S11 C.50 CUS+DEC	W1450_5050			X	X	X	X	X
S11 C.75 CUS+DEC	W1450_5075			X	X	X	X	X
S11 C100 CUS+DEC	W1450_5100				X	X	X	X
S11 C125 CUS+DEC	W1450_5125					X	X	X
S11 C150 CUS+DEC	W1450_5150						X	X

### TWIN CYLINDER SLIDE WITH FIXED PLATES SERIES S12

 S12 C.25	W1460_2025				X	X	X	X
S12 C.50	W1460_2050				X	X	X	X
S12 C.75	W1460_2075				X	X	X	X
S12 C.100	W1460_2100				X	X	X	X
S12 C.125	W1460_2125					X	X	X
S12 C.150	W1460_2150						X	X
S12 C.25 CUS	W1460_3025				X	X	X	X
S12 C.50 CUS	W1460_3050				X	X	X	X
S12 C.75 CUS	W1460_3075				X	X	X	X
S12 C100 CUS	W1460_3100				X	X	X	X
S12 C125 CUS	W1460_3125					X	X	X
S12 C150 CUS	W1460_3150						X	X
S12 C.50 DEC	W1460_4050				X	X	X	X
S12 C.75 DEC	W1460_4075				X	X	X	X
S12 C100 DEC	W1460_4100					X	X	X
S12 C125 DEC	W1460_4125					X	X	X
S12 C150 DEC	W1460_4150						X	X
S12 C.25 CUS+DEC	W1460_5025						X	X
S12 C.50 CUS+DEC	W1460_5050				X	X	X	X
S12 C.75 CUS+DEC	W1460_5075				X	X	X	X
S12 C100 CUS+DEC	W1460_5100				X	X	X	X
S12 C125 CUS+DEC	W1460_5125					X	X	X
S12 C150 CUS+DEC	W1460_5150						X	X

### PRECISION SLIDES SERIES S13

 S13 C.10	W1471_03010	X	X		X	X		
S13 C.25	W1471_03025	X	X		X	X		
S13 C.50	W1471_03050				X	X		

## LINKS FOR GUIDE UNITS AND SLIDES







## COMPACT PRECISION SLIDES SERIES S14K



Description	Code			
<b>COMPACT PRECISION SLIDES SERIES S14K</b>				
Diameter		08	016	025
S14K C.10 shock absorbers	W1472_5010K	X	X	X
S14K C.20 shock absorbers	W1472_5020K	X	X	X
S14K C.30 shock absorbers	W1472_5030K	X	X	X
S14K C.40 shock absorbers	W1472_5040K	X	X	X
S14K C.50 shock absorbers	W1472_5050K	X	X	X
S14K C.80 shock absorbers	W1472_5080K	X	X	X
S14K C.100 shock absorbers	W1472_5100K	X	X	X
S14K C.125 shock absorbers	W1472_5125K		X	X
S14K C.150 shock absorbers	W1472_5150K		X	X
S14K C.200 shock absorbers	W1472_5200K			X
S14K C.10 elastic mechanical stop	W1472_3010K	X	X	X
S14K C.20 elastic mechanical stop	W1472_3020K	X	X	X
S14K C.30 elastic mechanical stop	W1472_3030K	X	X	X
S14K C.40 elastic mechanical stop	W1472_3040K	X	X	X
S14K C.50 elastic mechanical stop	W1472_3050K	X	X	X
S14K C.80 elastic mechanical stop	W1472_3080K	X	X	X
S14K C.100 elastic mechanical stop	W1472_3100K	X	X	X
S14K C.125 elastic mechanical stop	W1472_3125K		X	X
S14K C.150 elastic mechanical stop	W1472_3150K		X	X
S14K C.200 elastic mechanical stop	W1472_3200K			X

Description	Code						
<b>COMPACT PRECISION SLIDES SERIES S14K WITH THIRD POSITION</b>							
Diameter		08		016		025	
		stroke	mm	stroke	mm	stroke	mm
		0		0		0	
Slide S14K with third position + mechanical stop	W1472_3010_K	X	X	X	X	X	X
	W1472_3020_K	X	X	X	X	X	X
	W1472_3030_K	X	X	X	X	X	X
	W1472_3040_K	X	X	X	X	X	X
	W1472_3050_K	X	X	X	X	X	X
	W1472_3080_K	X	X	X	X	X	X
	W1472_3100_K	X	X	X	X	X	X
	W1472_3125_K			X	X	X	X
	W1472_3150_K			X	X	X	X
	W1472_3200_K					X	X
Slide S14K with third position + shock absorbers	W1472_5010_K	X	X	X	X	X	X
	W1472_5020_K	X	X	X	X	X	X
	W1472_5030_K	X	X	X	X	X	X
	W1472_5040_K	X	X	X	X	X	X
	W1472_5050_K	X	X	X	X	X	X
	W1472_5080_K	X	X	X	X	X	X
	W1472_5100_K	X	X	X	X	X	X
	W1472_5125_K			X	X	X	X
	W1472_5150_K			X	X	X	X
	W1472_5200_K					X	X

### LINKS FOR SLIDES S14K

- "ACCESSORIES FIXINGS" PAGE 52
- "MAGNETIC SENSORS" PAGE 69
- "SPARE PARTS" PAGE 64
- "SHOCK ABSORBERS" PAGE 67
- "BUFFERS" PAGE 67



## COMPACT GUIDED CYLINDERS CMPGK SERIES



Description	Code	016	020	025	032	040
<b>BRONZE BUSHINGS</b>						
<b>non cushioned</b>						
stroke=20	W143 _ 2020_K	-	-	-	-	-
stroke=25	W143 _ 2025_K	-	X	X	X	X
stroke=30	W143 _ 2030_K	X	X	X	-	-
stroke=40	W143 _ 2040_K	X	X	X	-	-
stroke=50	W143 _ 2050_K	X	X	X	X	X
stroke=75	W143 _ 2075_K	X	X	X	X	X
stroke=100	W143 _ 2100_K	X	X	X	X	X
stroke=150	W143 _ 2150_K	X	X	X	X	X
stroke=175	W143 _ 2175_K	-	-	-	-	-
stroke=200	W143 _ 2200_K	X	X	X	X	X
<b>cushioned</b>						
stroke=20	W143 _ 4020_K	X	X	X	-	-
stroke=25	W143 _ 4025_K	-	-	-	X	X
stroke=30	W143 _ 4030_K	X	X	X	-	-
stroke=40	W143 _ 4040_K	X	X	X	-	-
stroke=50	W143 _ 4050_K	X	X	X	X	X
stroke=75	W143 _ 4075_K	-	X	X	X	X
stroke=100	W143 _ 4100_K	-	X	X	X	X
stroke=150	W143 _ 4150_K	-	X	X	X	X
stroke=175	W143 _ 4175_K	-	-	-	X	X
stroke=200	W143 _ 4200_K	-	X	-	-	-
<b>BALL BEARINGS</b>						
<b>non cushioned</b>						
stroke=20	W143 _ 3020_K	-	-	-	-	-
stroke=25	W143 _ 3025_K	-	X	X	X	X
stroke=30	W143 _ 3030_K	X	X	X	-	-
stroke=40	W143 _ 3040_K	X	X	X	-	-
stroke=50	W143 _ 3050_K	X	X	X	X	X
stroke=75	W143 _ 3075_K	X	X	X	X	X
stroke=100	W143 _ 3100_K	X	X	X	X	X
stroke=150	W143 _ 3150_K	X	X	X	X	X
stroke=175	W143 _ 3175_K	-	-	-	-	-
stroke=200	W143 _ 3200_K	X	X	X	X	X
<b>cushioned</b>						
stroke=20	W143 _ 5020_K	X	X	X	-	-
stroke=25	W143 _ 5025_K	-	-	-	X	X
stroke=30	W143 _ 5030_K	X	X	X	-	-
stroke=40	W143 _ 5040_K	X	X	X	-	-
stroke=50	W143 _ 5050_K	X	X	X	X	X
stroke=75	W143 _ 5075_K	-	X	X	X	X
stroke=100	W143 _ 5100_K	-	X	X	X	X
stroke=150	W143 _ 5150_K	-	X	X	X	X
stroke=175	W143 _ 5175_K	-	-	-	X	X
stroke=200	W143 _ 5200_K	-	X	-	-	-

Note: To specify the fixing side, please put in the second to last position of the code: U for Up, S for Side or D for Down.

## GUIDE UNITS GDM-K AND GDH-K

example:	Typology	Diameter	Version	Stroke	Execution						Family	
	W070	012	2	050	00						K	
	Guide units			each mm stroke:	00	01	02	03	04	05	K	
					Without stop	With front stop and buffers	With front stop and shock absorber	With front and rear stops and buffers	With front and rear stops and shock absorbers	With short columns for Elektro cylinder *	V-Lock	
	012 Ø 12	2 H (bronze bushes)		X	X	X	X	X	X	-		
		3 M (recirculating ball bushes)		X	X	X	X	X	X	-		
	012 Ø 16	use Ø 12 values										
	020 Ø 20	2 H (bronze bushes)		X	X	X	X	X	X	X		-
		3 M (recirculating ball bushes)		X	X	X	X	X	X	X		-
	025 Ø 25	2 H (bronze bushes)		X	X	X	X	X	X	X		-
		3 M (recirculating ball bushes)		X	X	X	X	X	X	X		-
	032 Ø 32	2 H (bronze bushes)		X	X	X	X	X	X	X		X
		3 M (recirculating ball bushes)		X	X	X	X	X	X	X		X
040 Ø 40	2 H (bronze bushes)		X	X	X	X	X	X	X	-		
	3 M (recirculating ball bushes)		X	X	X	X	X	X	X	-		

## LINKS FOR CMPGK - GDHK - GDMK AND COMMON V-Lock

- "ACCESSORIES FIXINGS" PAGE 52
- "MAGNETIC SENSORS" PAGE 69
- "SHOCK ABSORBERS" PAGE 67
- "BUFFERS" PAGE 67



## LINEAR UNITS SERIES LEPK



VERSION WITHOUT V-LOCK GROOVE

Description Diameter	Code	Code	
		A: 2 positions	B: 3 positions
<b>LEPK-1 HORIZONTAL</b>			
LEPK-1-90-H	K101_H00090000000K	X	X
LEPK-1-160-H	K101_H00160000000K	X	X
LEPK-1-225-H	K101_H00225000000K	X	X
LEPK-1-90-H no terminal board	K101_H20090000000K	X	X
LEPK-1-160-H no terminal board	K101_H20160000000K	X	X
LEPK-1-225-H no terminal board	K101_H20225000000K	X	X
<b>LEPK-2 HORIZONTAL</b>			
LEPK-2-320-H	K102_H00320000000K	X	X
LEPK-2-450-H	K102_H00450000000K	X	X
LEPK-2-320-H no terminal board	K102_H20320000000K	X	X
LEPK-2-450-H no terminal board	K102_H20450000000K	X	X
<b>LEPK-1 VERTICAL</b>			
LEPK-1-60-V	K101_V20060000000K	X	X
LEPK-1-90-V	K101_V20090000000K	X	X
LEPK-1-160-V	K101_V20160000000K	X	X
LEPK-1-60-S no spring	K101_S20060000000K	X	X
LEPK-1-90-S no spring	K101_S20090000000K	X	X
LEPK-1-160-S no spring	K101_S20160000000K	X	X

**VERSION WITH V-LOCK GROOVE**

**EXTRA PRICELIST:**

multiplied the number of grooves by the value in the table  
**grooves above and below B:**  
**grooves below D:**  
**grooves above U:**  
 \*: in the version B to calculate the price the double groove (above and below) is considered as single

▲ For connecting V-Lock B - D - U minimum value 025, the following values vary by steps of 20 mm (e.g. 045, 065 and 085).

■ The maximum number of possible grooves is:

LEPK 1-60-V/S-A = n. 08	LEPK 1-160-V/S-A = n. 13
LEPK 1-60-V/S-B = n. 10	LEPK 1-160-V/S-B = n. 17
LEPK 1-90-V/S-A = n. 10	LEPK 1-225-H-A = n. 23
LEPK 1-90-V/S-B = n. 13	LEPK 1-225-H-B = n. 23
LEPK 1-90-H-A = n. 10	LEPK 2-320-H-A = n. 24
LEPK 1-90-H-B = n. 13	LEPK 2-320-H-B = n. 29
LEPK 1-160-H-A = n. 13	LEPK 2-450-H-A = n. 35
LEPK 1-160-H-B = n. 17	LEPK 2-450-H-B = n. 35

**KEY TO CODES**

K10	1 size	A position	H orientation	0	0	090 stroke	0 V-Lock connection	000 V-Lock position	00 Number of V-Lock grooves	K family
LINEAR UNITS SERIES LEPK	1 - Size 1 ▲ 2 - Size 1	A - 2 positions B - 3 positions	H - Horizontal V - Vertical (with return spring) S - Vertical (without return spring)	0 - Inductive sensors (with terminal board) ● 2 - Inductive sensors (without terminal board)	▼ 060 ◆ 090 ◆ 160 ✦ 225 ✦ 320 ✦ 450	0 - None B - Grooves above and below D - Grooves below U - Grooves above	000 - None ▲ __ Position	00 - None ■ __ Number of grooves	K - V-Lock	

**Example with B interface:**

K10	1	A	H	0	0	090	B	025	04	K
-----	---	---	---	---	---	-----	---	-----	----	---

**Example with D or U interface:**

K10	1	A	H	0	0	090	D	025	05	K
-----	---	---	---	---	---	-----	---	-----	----	---

▲ Available only in horizontal orientation (H).

● Standard for the version with vertical orientation (V).

▼ Only size 1 - V/S

◆ Only size 1 - V/S/H

✦ Only size 1 - H

\* Only size 2 - H

## ROTARY ACTUATOR R3K SERIES

Description Diameter	Code	Code		
		016	020	025
<b>ATTUATORI ROTANTI SERIE R3K</b>				
R3K-180	W163 __ 2180K	X	X	X
with shock absorbers R3K-180	W163 __ 3180K			X
<b>ROTARY ACTUATOR R3K SERIES WITH EXTERNAL SHOCK ABSORBERS</b>				
with external shock absorbers R3K-90	W163 __ 4090K	X	X	X
with external shock absorbers R3K-180	W163 __ 4180K	X	X	X

## LINKS FOR R3K SERIES

"MAGNETIC SENSORS" PAGE 69

"SPARE PARTS" PAGE 64



## ROTATIF ACTUATORS DAPK SERIES



Description	Code		
Diameter		1 DAPK - 1	2 DAPK - 2
DAPK elastic stops magnetic	K20_0203000K	X	X
DAPK elastic stops NO magnetic	K20_0203500K	X	X
DAPK shock absorbers magnetic	K20_0205000K	X	X
DAPK shock absorbers NO magnetic	K20_0205500K	X	X
DAPIK elastic stops magnetic	K20_0213000K	X	X
DAPIK elastic stops NO magnetic	K20_0213500K	X	X
DAPIK shock absorbers magnetic	K20_0215000K	X	X
DAPIK shock absorbers NO magnetic	K20_0215500K	X	X
DAPK+DZAK SX elastic stops magnetic	K20_5303000K	X	X
DAPK+DZAK SX elastic stops NO magnetic	K20_5303500K	X	X
DAPK+DZAK SX shock absorbers magnetic	K20_5305000K	X	X
DAPK+DZAK SX shock absorbers NO magnetic	K20_5305500K	X	X
DAPK+DZAK DX elastic stops magnetic	K20_D303000K	X	X
DAPK+DZAK DX elastic stops NO magnetic	K20_D303500K	X	X
DAPK+DZAK DX shock absorbers magnetic	K20_D305000K	X	X
DAPK+DZAK DX shock absorbers NO magnetic	K20_D305500K	X	X
DAPK+DZAK SX-DX elastic stops magnetic	K20_0403000K	X	X
DAPK+DZAK SX-DX elastic stops NO magnetic	K20_0403500K	X	X
DAPK+DZAK SX-DX shock absorbers magnetic	K20_0405000K	X	X
DAPK+DZAK SX-DX shock absorbers NO magnetic	K20_0405500K	X	X
DAPIK+DZAK SX elastic stops magnetic	K20_5313000K	X	X
DAPIK+DZAK SX elastic stops NO magnetic	K20_5313500K	X	X
DAPIK+DZAK SX shock absorbers magnetic	K20_5315000K	X	X
DAPIK+DZAK SX shock absorbers NO magnetic	K20_5315500K	X	X
DAPIK+DZAK DX elastic stops magnetic	K20_D313000K	X	X
DAPIK+DZAK DX elastic stops NO magnetic	K20_D313500K	X	X
DAPIK+DZAK DX shock absorbers magnetic	K20_D315000K	X	X
DAPIK+DZAK DX shock absorbers NO magnetic	K20_D315500K	X	X
DAPIK+DZAK SX-DX elastic stops magnetic	K20_0413000K	X	X
DAPIK+DZAK SX-DX elastic stops NO magnetic	K20_0413500K	X	X
DAPIK+DZAK SX-DX shock absorbers magnetic	K20_0415000K	X	X
DAPIK+DZAK SX-DX shock absorbers NO magnetic	K20_0415500K	X	X
DAPIK+WAK elastic stops magnetic	K20_0223000K	X	X
DAPIK+WAK elastic stops NO magnetic	K20_0223500K	X	X
DAPIK+WAK shock absorbers magnetic	K20_0225000K	X	X
DAPIK+WAK shock absorbers NO magnetic	K20_0225500K	X	X
DAPIK+WAK+DZAK SX elastic stops magnetic	K20_5323000K	X	X
DAPIK+WAK+DZAK SX elastic stops NO magnetic	K20_5323500K	X	X
DAPIK+WAK+DZAK SX shock absorbers magnetic	K20_5325000K	X	X
DAPIK+WAK+DZAK SX shock absorbers NO magnetic	K20_5325500K	X	X
DAPIK+WAK+DZAK DX elastic stops magnetic	K20_D323000K	X	X
DAPIK+WAK+DZAK DX elastic stops NO magnetic	K20_D323500K	X	X
DAPIK+WAK+DZAK DX shock absorbers magnetic	K20_D325000K	X	X
DAPIK+WAK+DZAK DX shock absorbers NO magnetic	K20_D325500K	X	X
DAPIK+WAK+DZAK SX-DX elastic stops magnetic	K20_0423000K	X	X
DAPIK+WAK+DZAK SX-DX elastic stops NO magnetic	K20_0423500K	X	X
DAPIK+WAK+DZAK SX-DX shock absorbers magnetic	K20_0425000K	X	X
DAPIK+WAK+DZAK SX-DX shock absorbers NO magnetic	K20_0425500K	X	X

### DAPK-2/ DAPIK-2 NOTES

Actuators are inserted in the pricelist with STD shock absorbers.  
For the other two versions, the code gets modified inserting "6" or "7"  
instead of "5" at 8th position:

The prices is calculated adding the extra-price mentioned here below:

K202\_6\_K

K202\_7\_K

## LINKS FOR DAPK SERIES

"ACCESSORIES FIXINGS" PAGE 52






"MAGNETIC SENSORS" PAGE 69




"SHOCK ABSORBERS" PAGE 67

"BUFFERS" PAGE 67



## V-Lock GRIPPERS

Description	Code
<b>GRIPPERS WITH TWO PARALLEL JAWS</b>	
<b>SERIES P1K</b>	
 P1K-20	W155020001K
P1K-32	W155032001K
<b>SERIES P2K</b>	
 P2K-20	W1570200200K
<b>SERIES P3K</b>	
 P3K-64	W1560640200K
P3K-64 for inductive sensor	W1560640201K
P3K-80	W1560800200K
P3K-80 for inductive sensor	W1560800201K
P3K-80 increased force	W1560800220K
P3K-80 increased force for inductive sensor	W1560800221K
P3K-100	W1561000200K
P3K-100 for inductive sensor	W1561000201K
P3K-100 increased force	W1561000220K
P3K-100 increased force for inductive sensor	W1561000221K
<b>GRIPPERS WITH TWO PARALLEL JAWS LONG STROKE</b>	
<b>SERIES P4K</b>	
 P4K-12	W1580120200K
<b>GPLK</b>	
 GPLK-1-30	K3010300000K
GPLK-1-40	K3010400000K
GPLK-2-45	K3020450000K
GPLK-2-60	K3020600000K
GPLK-2-75	K3020750000K

Description	Code
<b>GRIPPERS WITH TWO HINGED JAWS</b>	
<b>SERIES P7K</b>	
 P7K-20	W1590200200K
P7K-32	W1590320200K
<b>GRIPPERS WITH TWO HINGED JAWS 180°</b>	
<b>SERIES P9K</b>	
 P9K-32	W1530320180K
P9K-40	W1530400180K
<b>GRIPPERS WITH THREE PARALLEL JAWS</b>	
<b>SERIES P12K</b>	
 P12K-64	W1560640300K
P12K-64 for inductive sensor	W1560640301K
P12K-80	W1560800300K
P12K-80 for inductive sensor	W1560800301K
P12K-80 increased force	W1560800320K
P12K-80 increased force for inductive sensor	W1560800321K
P12K-100	W1561000300K
P12K-100 for inductive sensor	W1561000301K
P12K-100 increased force	W1561000320K
P12K-100 increased force for inductive sensor	W1561000321K

## LINKS FOR V-Lock GRIPPERS

"ACCESSORIES FIXINGS" PAGE 52

"MAGNETIC SENSORS" PAGE 69



## BRK HYDRAULIC BRAKE


**KEY TO CODES**

W 1 7 0	1	0	1	0300	L	◆ R1500	
				Stroke		Execution	Pipe length
<b>W170</b> BRK hydraulic brake	0 Regulation 1 Regulation + SKIP 2 Regulation + STOP 3 Regulation + SKIP + STOP	0 Extension 1 Retraction 2 Extension and retraction	1 No valve or NO 2 NC * 3 + STOP NO in extension * 4 + STOP NC in extension * 5 + STOP NO in retraction * 6 + STOP NC in retraction ▲ A + SKIP NO in extension ▲ B + SKIP NC in extension ▲ C + SKIP NO in retraction ▲ D + SKIP NC in retraction ▲ D + SKIP rientro NC	Enter the desired stroke in four digits (e.g. 0500 for stroke 500)	_ Ø 40 ● L Ø 40 In-line tank 63 Ø 63 ● 63L Ø 63 In-line tank	R Remote regulation	Enter the length L [mm] of the hydraulic pipes in 4 digits (example 0500 for length 500)

BRK hydraulic brake	Regulation	Setting valves	Stroke	Tank	Remote control (if present)
W170	02 Regulation extension and retraction	2 NC	0100 0100	L Ø 40 In-line tank, if present	without remote control
W170	02 Regulation extension and retraction	2 NC	0100 0100	L Ø 40 In-line tank, if present	R with remote control

REGULATION	Ø 40	Ø 63	STROKE	Ø 40	Ø 63
00: Regulation extension	X	X	0050	X	X
01: Regulation retraction	X	X	0100	X	X
02: Regulation extension and retraction	X	X	0150	X	X
10: Regulation + SKIP extension	X	X	0200	X	X
11: Regulation + SKIP retraction	X	X	0250	X	X
12: Regulation + SKIP extension and retraction	X	X	0300	X	X
20: Regulation + STOP extension	X	X	0350	X	X
21: Regulation + STOP retraction	X	X	0400	X	X
22: Regulation + STOP extension and retraction	X	X	0450	X	X
30: Regulation + SKIP + STOP extension	X	X	0500	X	X
31: Regulation + SKIP + STOP retraction	X	X			
32: Regulation + SKIP + STOP extension and retraction	X	X			
<b>SETTING VALVES</b>			<b>TANK</b>		
1: No valve or NO	X	X	: Ø 40	X	X
2: NC	X	X	L: Ø 40 In-line tank, if present ●	X	X
3: + NO STOP in extension *	X	X	63: Ø 63	X	X
4: + NC STOP in extension *	X	X	63L: Ø 63 In-line tank, if present ●	X	X
5: + NO STOP in retraction *	X	X	<b>REMOTE CONTROL</b>		
6: + NC STOP in retraction *	X	X	R: for regulation extension	X	X
A: + NO SKIP in extension ▲	X	X	R: for regulation retraction	X	X
B: + NC SKIP in extension ▲	X	X	R: for regulation extension and retraction	X	X
C: + NO SKIP in retraction ▲	X	X			
D: + NC SKIP in retraction ▲	X	X			

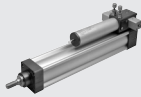
● = Only for version with piston rod regulation in extension  
 \* = In combination with regulation in extension/retraction W17002... or regulation + SKIP in extension/retraction, W17012 ...  
 ▲ = In combination with regulation in extension/retraction W17002... or regulation + STOP in extension/retraction, W17022 ....  
 NB: per i freni con corse intermedie e con corse superiori a 500 mm bisogna rivolgersi ai nostri uffici commerciali

## LINKS FOR BRK HYDRAULIC BRAKE

"ACCESSORIES FIXINGS" PAGE 52



## INTEGRATED HYDRAULIC BRAKE



**KEY TO CODES**

W 1 7 3	2	3	1	0	0 5 0 0	◆ R1500	
Integrated Brake	Regulation	Piston rod extension control valves	Piston rod retraction control valves	Bore	Stroke	Execution	Pipe length
<b>W173</b> Integrated brake	<b>0</b> Out	<b>0</b> Without valves	<b>0</b> Without valves	<b>A</b> Ø 50	Specify the desired stroke in 4 digits (e.g. 0500 for stroke 500)	<b>R</b> Remote regulation	Enter the length L [mm] of the hydraulic pipes in 4 digits (example 0500 for length 500)
	<b>1</b> In	<b>1</b> Stop NO	<b>1</b> Stop NO	<b>0</b> Ø 63			
	<b>2</b> Dual	<b>2</b> Stop NC	<b>2</b> Stop NC	<b>1</b> Ø 80			
		<b>3</b> Skip NO	<b>3</b> Skip NO	<b>2</b> Ø 100			
		<b>4</b> Skip NC	<b>4</b> Skip NC				
		<b>5</b> Stop NO Skip NO	<b>5</b> Stop NO Skip NO				
		<b>6</b> Stop NO Skip NC	<b>6</b> Stop NO Skip NC				
		<b>7</b> Stop NC Skip NO	<b>7</b> Stop NC Skip NO				
		<b>8</b> Stop NC Skip NC	<b>8</b> Stop NC Skip NC				

Integrated hydraulic brake	Regulation	Rod out setting	Rod in setting	Bore	Stroke *	Remote control (if present)	
<b>W173</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0100</b>		
	Dual	Stop NC	Stop NC	Ø 80	0100	without remote control	
<b>W173</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0100</b>	<b>R</b>	<b>1240</b>
	Dual	Stop NC	Stop NC	Ø 80	0100	with remote control	tube for 1240 mm

**REGULATION**

0: Exit	X
1: Return	X
2: Dual	X

**ROD OUT SETTING**

0: Without valve	X
1: Stop NO	X
2: Stop NC	X
3: Skip NO	X
4: Skip NC	X
5: Stop NO Skip NO	X
6: Stop NO Skip NC	X
7: Stop NC Skip NO	X
8: Stop NC Skip NC	X

**ROD IN SETTING**

0: Without valve	X
1: Stop NO	X
2: Stop NC	X
3: Skip NO	X
4: Skip NC	X
5: Stop NO Skip NO	X
6: Stop NO Skip NC	X
7: Stop NC Skip NO	X
8: Stop NC Skip NC	X

**BORE**

A: Ø 50	X
0: Ø 63	X
1: Ø 80	X
2: Ø 100	X

**STROKE**

0050	X
0100	X
0150	X
0200	X
0250	X
0300	X
0350	X
0400	X
0450	X
0500	X

**REMOTE CONTROL**

R: for exit regulation	X	X
R: for return regulation	X	X
R: for dual regulation	X	X

## LINKS FOR INTEGRATED HYDRAULIC BRAKE (ISO 15552)

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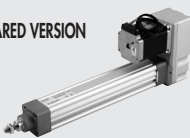
"MAGNETIC SENSORS" PAGE 69



## ELECTRIC CYLINDER SERIES ELEKTRO ISO 15552

### ELECTRIC CYLINDER WITH MOTOR

GEARED VERSION



IN-LINE VERSION



#### KEY TO CODES - ELECTRIC CYLINDER WITH MOTOR

Electric actuators family	ISO 15552 electric cylinder	Typology	cylinder				Version	drive				
			Bore	Stroke (x)	Screw pitch (Y)	Motor		Flange (fl)	Torque (c)	Number revs.		
37	1	0 - Std H ♦ Heavy duty	32	xxxx	1 - 4	1 ● In-line without non-rotating IP40	1 STEPPING motor	1 nema 23	0 0÷0,79 Nm	0 std		
			50	xxxx	2 - 5	2 ● In-line with non-rotating IP40	2 BRUSHLESS motor	2 flange 60	1 0,8÷1,19 Nm	1 Greater rpm		
			63	xxxx	4 - 10	3 ■ In-line without non-rotating IP55/IP65	3 STEPPING motor with brake + encoder	3 flange 80	2 1,2÷1,19 Nm			
			80	xxxx	5 - 12	4 ■ In-line with non-rotating IP55/IP65	4 BRUSHLESS motor with brake	4 nema 34	3 2,2÷3 Nm			
			100	xxxx	6 - 16	7 - 20	8 - 32	5 ● Geared without non-rotating IP40	5 STEPPING with brake	5 flange 86	4 ,01÷5 Nm	
								6 ● Geared with non-rotating IP40	6 BRUSHLESS + gear box	7 flange 130	5 6,21÷7 Nm	
								7 ■ Geared without non-rotating IP55/65	7 BRUSHLESS with brake + reducer	8 nema 42	6 5,01÷6,2 Nm	
								8 ■ Geared with non-rotating IP55/65			7 7,01÷10 Nm	
											9 15,01÷25 Nm	

♦ = Only for Ø63 with screw pitch 5 or pitch 10

● = Version available for all STEPPING and BRUSHLESS motors, all sizes

■ = Version IP55 available for STEPPING motors, for only the sizes 50, 63, 80 and 100 all the motors, with the exception of motor code 37M1470000; for Ø 32 only for motor

Code 37M1120001; version IP65 available for BRUSHLESS motors, BRUSHLESS with BRAKE and STEPPING with BRAKE + ENCODER motors (all sizes). N.B.: THE OPERATION IS EXCLUDED FROM THE PRICES APPEARING IN THE TABLE

Ø 32	code	P(Y) 4 = 1 371032 - - - 1 - - - -		P(Y) 12 = 5 371032 - - - - 5 - - - -		
		stroke 0	l/mm	stroke 0	l/mm	
<b>Cylinder with in-line without non-rotating IP40</b>						
STEPPING motor NEMA23 0,8Nm	371 032 XXXX Y1	1110	X	X	X	only IP40
STEPPING motor NEMA23 1,2Nm	371 032 XXXX Y1	1120	X	X	X	only IP40
STEPPING motor NEMA23 1,2Nm giri mag.	371 032 XXXX Y1	1121	X	X	X	
STEPPING motor NEMA23 1,2Nm giri mag. + brake	371 032 XXXX Y1	5120	X	X	X	only IP40
BRUSHLESS motor FL60 0,64Nm	371 032 XXXX Y1	2200	X	X	X	
BRUSHLESS motor FL60 1,27Nm	371 032 XXXX Y1	2220	X	X	X	
STEPPING motor FL 60 C= 1,2 Nm + brake and encoder	371 032 XXXX Y1	3220	X	X	X	
STEPPING motor FL 60 C= 2,5 Nm + brake and encoder	371 032 XXXX Y1	3230	X	X	X	
BRUSHLESS motor FL 60 C= 0,64 Nm base + brake and encoder	371 032 XXXX Y1	4200	X	X	X	
BRUSHLESS motor FL 60 C= 1,27 Nm base + brake and encoder	371 032 XXXX Y1	4220	X	X	X	
<b>Cylinder with in-line with non-rotating IP40</b>						
STEPPING motor NEMA23 0,8Nm	371 032 XXXX Y2	1110	X	X	X	only IP40
STEPPING motor NEMA23 1,2Nm	371 032 XXXX Y2	1120	X	X	X	only IP40
STEPPING motor NEMA23 1,2Nm giri mag.	371 032 XXXX Y2	1121	X	X	X	
STEPPING motor NEMA23 1,2Nm giri mag. + brake	371 032 XXXX Y2	5120	X	X	X	only IP40
BRUSHLESS motor FL60 0,64Nm	371 032 XXXX Y2	2200	X	X	X	
BRUSHLESS motor FL60 1,27Nm	371 032 XXXX Y2	2220	X	X	X	
STEPPING motor FL 60 C= 1,2 Nm + brake and encoder	371 032 XXXX Y2	3220	X	X	X	
STEPPING motor FL 60 C= 2,5 Nm + brake and encoder	371 032 XXXX Y2	3230	X	X	X	
BRUSHLESS motor FL 60 C= 0,64 Nm base + brake and encoder	371 032 XXXX Y2	4200	X	X	X	
BRUSHLESS motor FL 60 C= 1,27 Nm base + brake and encoder	371 032 XXXX Y2	4220	X	X	X	
<b>Cylinder with geared without non-rotating IP40</b>						
STEPPING motor NEMA23 0,8Nm	371 032 XXXX Y5	1110	X	X	X	only IP40
STEPPING motor NEMA23 1,2Nm	371 032 XXXX Y5	1120	X	X	X	only IP40
STEPPING motor NEMA23 1,2Nm giri mag.	371 032 XXXX Y5	1121	X	X	X	
STEPPING motor NEMA23 1,2Nm giri mag. + brake	371 032 XXXX Y5	5120	X	X	X	only IP40
BRUSHLESS motor FL60 0,64Nm	371 032 XXXX Y5	2200	X	X	X	
BRUSHLESS motor FL60 1,27Nm	371 032 XXXX Y5	2220	X	X	X	
STEPPING motor FL 60 C= 1,2 Nm + brake and encoder	371 032 XXXX Y5	3220	X	X	X	
STEPPING motor FL 60 C= 2,5 Nm + brake and encoder	371 032 XXXX Y5	3230	X	X	X	
BRUSHLESS motor FL 60 C= 0,64 Nm base + brake and encoder	371 032 XXXX Y5	4200	X	X	X	
BRUSHLESS motor FL 60 C= 1,27 Nm base + brake and encoder	371 032 XXXX Y5	4220	X	X	X	
<b>Cylinder with geared with non-rotating IP40</b>						
STEPPING motor NEMA23 0,8Nm	371 032 XXXX Y6	1110	X	X	X	only IP40
STEPPING motor NEMA23 1,2Nm	371 032 XXXX Y6	1120	X	X	X	only IP40
STEPPING motor NEMA23 1,2Nm giri mag.	371 032 XXXX Y6	1121	X	X	X	
STEPPING motor NEMA23 1,2Nm giri mag. + brake	371 032 XXXX Y6	5120	X	X	X	only IP40
BRUSHLESS motor FL60 0,64Nm	371 032 XXXX Y6	2200	X	X	X	
BRUSHLESS motor FL60 1,27Nm	371 032 XXXX Y6	2220	X	X	X	
STEPPING motor FL 60 C= 1,2 Nm + brake and encoder	371 032 XXXX Y6	3220	X	X	X	
STEPPING motor FL 60 C= 2,5 Nm + brake and encoder	371 032 XXXX Y6	3230	X	X	X	
BRUSHLESS motor FL 60 C= 0,64 Nm base + brake and encoder	371 032 XXXX Y6	4200	X	X	X	
BRUSHLESS motor FL 60 C= 1,27 Nm base + brake and encoder	371 032 XXXX Y6	4220	X	X	X	



Ø 50	code		P(Y) 5 = 2 371050-2-2----		P(Y) 10 = 4 371050-4-4----		P(Y) 16 = 6 371050-6-6----	
			stroke 0	l/mm	stroke 0	l/mm	stroke 0	l/mm
<b>Cylinder with in-line without non-rotating IP40</b>								
STEPPING motor NEMA34 2,4Nm	371 050 XXXX1	1430	X	X	X	X	X	X
STEPPING motor NEMA34 4,2Nm	371 050 XXXX1	1440	X	X	X	X	X	X
BRUSHLESS motor FL60 1,27Nm	371 050 XXXX1	2220	X	X	X	X	X	X
BRUSHLESS motor FL80 2,39Nm	371 050 XXXX1	2330	X	X	X	X	X	X
STEPPING motor FL Nema 34 C= 2,9 Nm base + brake and encoder	371 050 XXXX1	3430	X	X	X	X	X	X
STEPPING motor FL Nema 34 C= 5,5 Nm base + brake and encoder	371 050 XXXX1	3460	X	X	X	X	X	X
BRUSHLESS motor FL 60 C= 1,27 Nm base + brake and encoder	371 050 XXXX1	4220	X	X	X	X	X	X
BRUSHLESS motor FL 80 C= 2,39 Nm base + brake and encoder	371 050 XXXX1	4330	X	X	X	X	X	X
<b>Cylinder with in-line with non-rotating IP40</b>								
STEPPING motor NEMA34 2,4Nm	371 050 XXXX2	1430	X	X	X	X	X	X
STEPPING motor NEMA34 4,2Nm	371 050 XXXX2	1440	X	X	X	X	X	X
BRUSHLESS motor FL60 1,27Nm	371 050 XXXX2	2220	X	X	X	X	X	X
BRUSHLESS motor FL80 2,39Nm	371 050 XXXX2	2330	X	X	X	X	X	X
STEPPING motor FL Nema 34 C= 2,9 Nm base + brake and encoder	371 050 XXXX2	3430	X	X	X	X	X	X
STEPPING motor FL Nema 34 C= 5,5 Nm base + brake and encoder	371 050 XXXX2	3460	X	X	X	X	X	X
BRUSHLESS motor FL 60 C= 1,27 Nm base + brake and encoder	371 050 XXXX2	4220	X	X	X	X	X	X
BRUSHLESS motor FL 80 C= 2,39 Nm base + brake and encoder	371 050 XXXX2	4330	X	X	X	X	X	X
<b>Cylinder with geared without non-rotating IP40</b>								
STEPPING motor NEMA34 2,4Nm	371 050 XXXX5	1430	X	X	X	X	X	X
STEPPING motor NEMA34 4,2Nm	371 050 XXXX5	1440	X	X	X	X	X	X
BRUSHLESS motor FL60 1,27Nm	371 050 XXXX5	2220	X	X	X	X	X	X
BRUSHLESS motor FL80 2,39Nm	371 050 XXXX5	2330	X	X	X	X	X	X
STEPPING motor FL Nema 34 C= 2,9 Nm base + brake and encoder	371 050 XXXX5	3430	X	X	X	X	X	X
STEPPING motor FL Nema 34 C= 5,5 Nm base + brake and encoder	371 050 XXXX5	3460	X	X	X	X	X	X
BRUSHLESS motor FL 60 C= 1,27 Nm base + brake and encoder	371 050 XXXX5	4220	X	X	X	X	X	X
BRUSHLESS motor FL 80 C= 2,39 Nm base + brake and encoder	371 050 XXXX5	4330	X	X	X	X	X	X
<b>Cylinder with geared with non-rotating IP40</b>								
STEPPING motor NEMA34 2,4Nm	371 050 XXXX6	1430	X	X	X	X	X	X
STEPPING motor NEMA34 4,2Nm	371 050 XXXX6	1440	X	X	X	X	X	X
BRUSHLESS motor FL60 1,27Nm	371 050 XXXX6	2220	X	X	X	X	X	X
BRUSHLESS motor FL80 2,39Nm	371 050 XXXX6	2330	X	X	X	X	X	X
STEPPING motor FL Nema 34 C= 2,9 Nm base + brake and encoder	371 050 XXXX6	3430	X	X	X	X	X	X
STEPPING motor FL Nema 34 C= 5,5 Nm base + brake and encoder	371 050 XXXX6	3460	X	X	X	X	X	X
BRUSHLESS motor FL 60 C= 1,27 Nm base + brake and encoder	371 050 XXXX6	4220	X	X	X	X	X	X
BRUSHLESS motor FL 80 C= 2,39 Nm base + brake and encoder	371 050 XXXX6	4330	X	X	X	X	X	X

Ø 63	code		P(Y) 5 = 2 371063-2-2----		P(Y) 10 = 4 371063-4-4----		P(Y) 20 = 7 371063-7-7----	
			stroke 0	l/mm	stroke 0	l/mm	stroke 0	l/mm
<b>Cylinder with in-line without non-rotating IP40</b>								
STEPPING motor NEMA34 6,7Nm	371 063 XXXX1	1450	X	X	X	X	X	X
BRUSHLESS motor FL80 2,39Nm	371 063 XXXX1	2330	X	X	X	X	X	X
STEPPING motor FL Nema 34 C= 5,5 Nm base + brake and encoder	371 063 XXXX1	3460	X	X	X	X	X	X
STEPPING motor FL Nema 34 C= 6,3 Nm base + brake and encoder	371 063 XXXX1	3450	X	X	X	X	X	X
BRUSHLESS motor FL 80 C= 2,39 Nm base + brake and encoder	371 063 XXXX1	4330	X	X	X	X	X	X
<b>Cylinder with in-line with non-rotating IP40</b>								
STEPPING motor NEMA34 6,7Nm	371 063 XXXX2	1450	X	X	X	X	X	X
BRUSHLESS motor FL80 2,39Nm	371 063 XXXX2	2330	X	X	X	X	X	X
STEPPING motor FL Nema 34 C= 5,5 Nm base + brake and encoder	371 063 XXXX2	3460	X	X	X	X	X	X
STEPPING motor FL Nema 34 C= 6,3 Nm base + brake and encoder	371 063 XXXX2	3450	X	X	X	X	X	X
BRUSHLESS motor FL 80 C= 2,39 Nm base + brake and encoder	371 063 XXXX2	4330	X	X	X	X	X	X
<b>Cylinder with geared without non-rotating IP40</b>								
STEPPING motor NEMA34 6,7Nm	371 063 XXXX5	1450	X	X	X	X	X	X
BRUSHLESS motor FL80 2,39Nm	371 063 XXXX5	2330	X	X	X	X	X	X
STEPPING motor FL Nema 34 C= 5,5 Nm base + brake and encoder	371 063 XXXX5	3460	X	X	X	X	X	X
STEPPING motor FL Nema 34 C= 6,3 Nm base + brake and encoder	371 063 XXXX5	3450	X	X	X	X	X	X
BRUSHLESS motor FL 80 C= 2,39 Nm base + brake and encoder	371 063 XXXX5	4330	X	X	X	X	X	X
<b>Cylinder with geared with non-rotating IP40</b>								
STEPPING motor NEMA34 6,7Nm	371 063 XXXX6	1450	X	X	X	X	X	X
BRUSHLESS motor FL80 2,39Nm	371 063 XXXX6	2330	X	X	X	X	X	X
STEPPING motor FL Nema 34 C= 5,5 Nm base + brake and encoder	371 063 XXXX6	3460	X	X	X	X	X	X
STEPPING motor FL Nema 34 C= 6,3 Nm base + brake and encoder	371 063 XXXX6	3450	X	X	X	X	X	X
BRUSHLESS motor FL 80 C= 2,39 Nm base + brake and encoder	371 063 XXXX6	4330	X	X	X	X	X	X

		P(Y) 5 = 2 371H63 --- 2 - - -		P(Y) 10 = 4 371H63 --- 4 - - -			
Ø 63 HEAVY DUTY	code	stroke 0	l/mm	stroke 0	l/mm		
<b>Cylinder with in-line without non-rotating IP40</b>							
STEPPING motor FL Nema 34 C= 6,7 Nm base	371 H63 XXXX(Y)1	1450	X	X	X	X	
STEPPING motor FL Nema 34 C= 9,3 Nm base	371 H63 XXXX(Y)1	1470	X	X	X	X	only IP40
BRUSHLESS motor FL 80 C= 2,39 Nm base	371 H63 XXXX(Y)1	2330	X	X	X	X	
BRUSHLESS motor FL 86 C= 3,18 Nm base	371 H63 XXXX(Y)1	2540	X	X	X	X	
STEPPING motor FL Nema 34 C= 5,5 Nm base + brake and encoder	371 H63 XXXX(Y)1	3460	X	X	X	X	
STEPPING motor FL Nema 34 C= 6,3 Nm base + brake and encoder	371 H63 XXXX(Y)1	3450	X	X	X	X	
STEPPING motor FL Nema 34 C= 9,3 Nm base + brake and encoder	371 H63 XXXX(Y)1	3470	X	X	X	X	
BRUSHLESS motor FL 80 C= 2,39 Nm base + brake and encoder	371 H63 XXXX(Y)1	4330	X	X	X	X	
BRUSHLESS motor FL 86 C= 3,18 Nm base + brake and encoder	371 H63 XXXX(Y)1	4540	X	X	X	X	
<b>Cylinder with in-line with non-rotating IP40</b>							
STEPPING motor FL Nema 34 C= 6,7 Nm base	371 H63 XXXX(Y)2	1450	X	X	X	X	
STEPPING motor FL Nema 34 C= 9,3 Nm base	371 H63 XXXX(Y)2	1470	X	X	X	X	only IP40
BRUSHLESS motor FL 80 C= 2,39 Nm base	371 H63 XXXX(Y)2	2330	X	X	X	X	
BRUSHLESS motor FL 86 C= 3,18 Nm base	371 H63 XXXX(Y)2	2540	X	X	X	X	
STEPPING motor FL Nema 34 C= 5,5 Nm base + brake and encoder	371 H63 XXXX(Y)2	3460	X	X	X	X	
STEPPING motor FL Nema 34 C= 6,3 Nm base + brake and encoder	371 H63 XXXX(Y)2	3450	X	X	X	X	
STEPPING motor FL Nema 34 C= 9,3 Nm base + brake and encoder	371 H63 XXXX(Y)2	3470	X	X	X	X	
BRUSHLESS motor FL 80 C= 2,39 Nm base + brake and encoder	371 H63 XXXX(Y)2	4330	X	X	X	X	
BRUSHLESS motor FL 86 C= 3,18 Nm base + brake and encoder	371 H63 XXXX(Y)2	4540	X	X	X	X	
<b>Cylinder with geared without non-rotating IP40</b>							
STEPPING motor FL Nema 34 C= 6,7 Nm base	371 H63 XXXX(Y)5	1450	X	X	X	X	
STEPPING motor FL Nema 34 C= 9,3 Nm base	371 H63 XXXX(Y)5	1470	X	X	X	X	only IP40
BRUSHLESS motor FL 80 C= 2,39 Nm base	371 H63 XXXX(Y)5	2330	X	X	X	X	
BRUSHLESS motor FL 86 C= 3,18 Nm base	371 H63 XXXX(Y)5	2540	X	X	X	X	
STEPPING motor FL Nema 34 C= 5,5 Nm base + brake and encoder	371 H63 XXXX(Y)5	3460	X	X	X	X	
STEPPING motor FL Nema 34 C= 6,3 Nm base + brake and encoder	371 H63 XXXX(Y)5	3450	X	X	X	X	
STEPPING motor FL Nema 34 C= 9,3 Nm base + brake and encoder	371 H63 XXXX(Y)5	3470	X	X	X	X	
BRUSHLESS motor FL 80 C= 2,39 Nm base + brake and encoder	371 H63 XXXX(Y)5	4330	X	X	X	X	
BRUSHLESS motor FL 86 C= 3,18 Nm base + brake and encoder	371 H63 XXXX(Y)5	4540	X	X	X	X	
<b>Cylinder with geared with non-rotating IP40</b>							
STEPPING motor FL Nema 34 C= 6,7 Nm base	371 H63 XXXX(Y)6	1450	X	X	X	X	
STEPPING motor FL Nema 34 C= 9,3 Nm base	371 H63 XXXX(Y)6	1470	X	X	X	X	only IP40
BRUSHLESS motor FL 80 C= 2,39 Nm base	371 H63 XXXX(Y)6	2330	X	X	X	X	
BRUSHLESS motor FL 86 C= 3,18 Nm base	371 H63 XXXX(Y)6	2540	X	X	X	X	
STEPPING motor FL Nema 34 C= 5,5 Nm base + brake and encoder	371 H63 XXXX(Y)6	3460	X	X	X	X	
STEPPING motor FL Nema 34 C= 6,3 Nm base + brake and encoder	371 H63 XXXX(Y)6	3450	X	X	X	X	
STEPPING motor FL Nema 34 C= 9,3 Nm base + brake and encoder	371 H63 XXXX(Y)6	3470	X	X	X	X	
BRUSHLESS motor FL 80 C= 2,39 Nm base + brake and encoder	371 H63 XXXX(Y)6	4330	X	X	X	X	
BRUSHLESS motor FL 86 C= 3,18 Nm base + brake and encoder	371 H63 XXXX(Y)6	4540	X	X	X	X	

		P(Y) 5 = 2 371080 --- 2 - - -		P(Y) 10 = 4 371080 --- 4 - - -		P(Y) 32 = 8 371080 --- 8 - - -	
Ø 80	code	stroke 0	l/mm	stroke 0	l/mm	stroke 0	l/mm
<b>CYLINDER WITH IN-LINE WITHOUT NON-ROTATING IP55/IP65</b>							
STEPPING motor NEMA 42 15,01÷25 Nm	371 080 XXXX(Y)3	1890	X	X	X	X	X
BRUSHLESS motor FL86 3,01÷5 Nm	371 080 XXXX(Y)3	2540	X	X	X	X	
BRUSHLESS motor FL86 3,01÷5 Nm + brake	371 080 XXXX(Y)3	4540	X	X	X	X	
BRUSHLESS motor FL 130 >7 Nm	371 080 XXXX(Y)3	2770	X	X	X	X	X
BRUSHLESS motor FL 130 >7 Nm + freno	371 080 XXXX(Y)3	4770	X	X	X	X	X
<b>CYLINDER WITH IN-LINE WITH NON-ROTATING IP55/IP65</b>							
STEPPING motor NEMA 42 15,01÷25 Nm	371 080 XXXX(Y)4	1890	X	X	X	X	X
BRUSHLESS motor FL86 3,01÷5 Nm	371 080 XXXX(Y)4	2540	X	X	X	X	
BRUSHLESS motor FL86 3,01÷5 Nm + brake	371 080 XXXX(Y)4	4540	X	X	X	X	
BRUSHLESS motor FL 130 >7 Nm	371 080 XXXX(Y)4	2770	X	X	X	X	X
BRUSHLESS motor FL 130 >7 Nm + freno	371 080 XXXX(Y)4	4770	X	X	X	X	X
<b>CYLINDER WITH GEARED WITHOUT NON-ROTATING IP55/IP65</b>							
STEPPING motor NEMA 42 15,01÷25 Nm	371 080 XXXX(Y)7	1890	X	X	X	X	X
BRUSHLESS motor FL86 3,01÷5 Nm	371 080 XXXX(Y)7	2540	X	X	X	X	
BRUSHLESS motor FL86 3,01÷5 Nm + brake	371 080 XXXX(Y)7	4540	X	X	X	X	
BRUSHLESS motor FL 130 >7 Nm	371 080 XXXX(Y)7	2770	X	X	X	X	X
BRUSHLESS motor FL 130 >7 Nm + freno	371 080 XXXX(Y)7	4770	X	X	X	X	X
<b>CYLINDER WITH GEARED WITH NON-ROTATING IP55/IP65</b>							
STEPPING motor NEMA 42 15,01÷25 Nm	371 080 XXXX(Y)8	1890	X	X	X	X	X
BRUSHLESS motor FL86 3,01÷5 Nm	371 080 XXXX(Y)8	2540	X	X	X	X	
BRUSHLESS motor FL86 3,01÷5 Nm + brake	371 080 XXXX(Y)8	4540	X	X	X	X	
BRUSHLESS motor FL 130 >7 Nm	371 080 XXXX(Y)8	2770	X	X	X	X	X
BRUSHLESS motor FL 130 >7 Nm + freno	371 080 XXXX(Y)8	4770	X	X	X	X	X

Ø 100	code		P(Y) 10 = 4 371100-...-4-...-		P(Y) 40 = 9 371100-...-9-...-		
			stroke 0	l/mm	stroke 0	l/mm	
<b>Cylinder with In-line without non-rotating IP55/IP65</b>							
STEPPING motor NEMA42 15,01÷25 Nm	371 100 XXXX	Y3 1890	X	X	X	X	
BRUSHLESS motor FL 130 >7 Nm	371 100 XXXX	Y3 2770	X	X	X	X	
BRUSHLESS motor FL 130 >7 Nm + brake	371 100 XXXX	Y3 4770	X	X	X	X	
BRUSHLESS motor FL 130 >7 Nm + gear box	371 100 XXXX	Y3 6770	X	X	X	X	
BRUSHLESS motor FL 130 >7 Nm + brake and gear box	371 100 XXXX	Y3 7770	X	X	X	X	
<b>Cylinder with In-line with non-rotating IP55/IP65</b>							
STEPPING motor NEMA42 15,01÷25 Nm	371 100 XXXX	Y4 1890	X	X	X	X	
BRUSHLESS motor FL 130 >7 Nm	371 100 XXXX	Y4 2770	X	X	X	X	
BRUSHLESS motor FL 130 >7 Nm + brake	371 100 XXXX	Y4 4770	X	X	X	X	
BRUSHLESS motor FL 130 >7 Nm + gear box	371 100 XXXX	Y4 6770	X	X	X	X	
BRUSHLESS motor FL 130 >7 Nm + brake and gear box	371 100 XXXX	Y4 7770	X	X	X	X	
<b>Cylinder with geared without non-rotating IP55/IP65</b>							
STEPPING motor NEMA42 15,01÷25 Nm	371 100 XXXX	Y7 1890	X	X	X	X	
BRUSHLESS motor FL 130 >7 Nm	371 100 XXXX	Y7 2770	X	X	X	X	
BRUSHLESS motor FL 130 >7 Nm + brake	371 100 XXXX	Y7 4770	X	X	X	X	
<b>Cylinder with geared with non-rotating IP55/IP65</b>							
STEPPING motor NEMA42 15,01÷25 Nm	371 100 XXXX	Y8 1890	X	X	X	X	
BRUSHLESS motor FL 130 >7 Nm	371 100 XXXX	Y8 2770	X	X	X	X	
BRUSHLESS motor FL 130 >7 Nm + brake	371 100 XXXX	Y8 4770	X	X	X	X	

## SINGLE ELECTRIC CYLINDER

### KEY TO CODES - SINGLE ELECTRIC CYLINDER

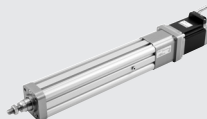
Electric actuators family	ISO 15552 electric cylinder	Typology	Bore	Stroke (x)	Screw pitch (Y)	Version
37	1	0 - STD H ♦ - Heavy duty	32	xxx	1 - 4	5 - Geared without non-rotating IP40 6 - Geared with non-rotating IP40 7 - Geared without non-rotating IP55/65 8 - Geared with non-rotating IP55/65
			50	xxx	2 - 5	
			63	xxx	4 - 10	
			80	xxx	5 - 12	
			100	xxx	6 - 16	
				xxx	7 - 20	
					8 - 32	
					9 - 40	

If you buy the single electric cylinder, there is no distinction between in-line version and geared version

♦ = Only for Ø63 with screw pitch 5 or pitch 10

Ø 32	code	P(Y) 4 = 1 371032-...-1-		P(Y) 12 = 5 371032-...-5-			
		stroke 0	l/mm	stroke 0	l/mm		
Cylinder without non-rotating IP40	371 032 XXXX	Y5	X	X	X		
Cylinder with non-rotating IP40	371 032 XXXX	Y6	X	X	X		
Cylinder without non-rotating IP55/IP65	371 032 XXXX	Y7	X	X	X		
Cylinder with non-rotating IP55/IP65	371 032 XXXX	Y8	X	X	X		
<b>Ø 50</b>							
		P(Y) 5 = 2 371050-...-2-		P(Y) 10 = 4 371050-...-4-		P(Y) 16 = 6 371050-...-6-	
Cylinder without non-rotating IP40	371 050 XXXX	Y5	X	X	X	X	X
Cylinder with non-rotating IP40	371 050 XXXX	Y6	X	X	X	X	X
Cylinder without non-rotating IP55/IP65	371 050 XXXX	Y7	X	X	X	X	X
Cylinder with non-rotating IP55/IP65	371 050 XXXX	Y8	X	X	X	X	X
<b>Ø 63</b>							
		P(Y) 5 = 2 371063-...-2-		P(Y) 10 = 4 371063-...-4-		P(Y) 20 = 7 371063-...-7-	
Cylinder without non-rotating IP40	371 063 XXXX	Y5	X	X	X	X	X
Cylinder with non-rotating IP40	371 063 XXXX	Y6	X	X	X	X	X
Cylinder without non-rotating IP55/IP65	371 063 XXXX	Y7	X	X	X	X	X
Cylinder with non-rotating IP55/IP65	371 063 XXXX	Y8	X	X	X	X	X
<b>Ø 63 HD</b>							
		P(Y) 5 = 2 371H63-...-2-		P(Y) 10 = 4 371H63-...-4-			
Cylinder without non-rotating IP40	371 H63 XXXX	Y5	X	X	X		
Cylinder with non-rotating IP40	371 H63 XXXX	Y6	X	X	X		
Cylinder without non-rotating IP55/IP65	371 H63 XXXX	Y7	X	X	X		
Cylinder with non-rotating IP55/IP65	371 H63 XXXX	Y8	X	X	X		
<b>Ø 80</b>							
		P(Y) 5 = 2 371080-...-2-		P(Y) 10 = 4 371080-...-4-		P(Y) 32 = 8 371080-...-8-	
Cylinder without non-rotating IP55/IP65	371 080 XXXX	Y7	X	X	X	X	X
Cylinder with non-rotating IP55/IP65	371 080 XXXX	Y8	X	X	X	X	X
<b>Ø 100</b>							
		P(Y) 10 = 4 371100-...-4-		P(Y) 40 = 9 371100-...-9-			
Cylinder without non-rotating IP55/IP65	371 100 XXXX	Y7	X	X	X		
Cylinder with non-rotating IP55/IP65	371 100 XXXX	Y8	X	X	X		

## ELECTRIC CYLINDER SERIES ELEKTRO ISO 15552 EK


**KEY TO CODES**

Cyl	37 Type	1 Family	E Series	32 Size	0500 Stroke	1 Screw pitch	2 Version	Drive			
								1 Motor	1 Flange	2 Torque	1
	37 - Electric actuators	1 - ISO 15552 electric cylinder	E - Elektro EK	32 - Ø 32		1 - With pitch 4 ball screw 4 - With pitch 10 ball screw T - With pitch 4 trapezoidal screw (acme)	2 - With non-rotating, IP40	1 - STEPPING 2 - BRUSHLESS 4 - BRUSHLESS with BRAKE 5 - STEPPING with BRAKE (without encoder)	1 - NEMA 23 motor 2 - 60x60	0 - 0 - 0.79 Nm 2 - 1.2 - 2.19 Nm 3 - 2.2 - 3 Nm	0 - Base 1 - Greater rpm

EK Elektro cylinder, non-rotating, with pitch 4 ball screw	Code
STEPPING	371E320000121121
STEPPING with brake without encoder	371E320000125120
BRUSHLESS	371E320000122200
BRUSHLESS with brake	371E320000124200

EK Elektro cylinder, non-rotating, with pitch 10 ball screw	Code
STEPPING	371E320000421121
STEPPING with brake without encoder	371E320000425120
BRUSHLESS	371E320000422200
BRUSHLESS with brake	371E320000424200

EK Elektro cylinder, non-rotating, with pitch 4 trapezoidal screw (acme)	Code
STEPPING	371E320000T21230
BRUSHLESS	371E320000T22200

## LINKS FOR ELECTRICS CYLINDERS SERIES ELEKTRO ISO 15552 AND ISO 15552 EK

- "ACCESSORIES FIXINGS" PAGE 52
- "MAGNETIC SENSORS" PAGE 69
- "SPARE PARTS" PAGE 64
- "GUIDE UNITS" PAGE 63
- "MOTORS - PROGRAMMING - DRIVES" PAGE 50

## ELECTRIC CYLINDER - ROUND DC ELEKTRO SERIES

**GEARED VERSION**

**IN-LINE VERSION**


typology		bore	stroke	screw pitch	version	drive	supply voltage	gear ratio	cylinder end types
372	0	32	0100	1	3	3	6	0	1
372 Cylinder Elektro Round DC	0 standard	32	stroke = 0 for each mm:	1 screw pitch 4 mm L screw pitch 25 mm	3 in line w/out non-rotating IP65 7 Geared w/out non-rotating IP65	3 Motor Direct Current	6 24 VDC + fuse 8 24 VDC + encoder + fuse	0 1/13 1 1/25	1 Threaded male 2 Nose piece drilled 3 Nose piece female 4 Piston rod female 5 Nose piece drilled and rear hinge

## LINKS FOR ROUND DC

- "ACCESSORIES FIXINGS" PAGE 52
- "MAGNETIC SENSORS" PAGE 69
- "MOTORS - PROGRAMMING - DRIVES" PAGE 50

**ELECTRIC AXIS ELEKTRO SHAK SERIES**



ACTUATORS

**KEY TO CODES (WITHOUT MOTOR)**

Cyl	37	5	0	1	0	0800	0						
Type				Size		Stroke ♦							
37 - Electric actuators	5 - SHAK electric axes	0 - STD	1 - Size 340	0 - STD	400	0 - STD							
					600								
					800								
					1000								
					1200								
			2 - Size 470		800								
					1200								
					1600								
					2000								
					2400								

♦ Other strokes on request.

**KEY TO CODES AXIS ELECTRIC MOTOR**

Cyl	37	5	0	1	0	0800	0	0	0	2	2	2	0
Type				Size		Stroke ♦		Reduction	Motor position	Drive			
37 - Electric actuators	5 - SHAK electric axes	0 - STD	1 - Size 340	0 - STD	400	0 - STD	0 - No reduction	0 - Top left	1 - STEPPING motor	2 - Flange 60	2 - Torque 1.2÷2.19 Nm	0 - STD	
					600		1 - 1:3 ratio	1 - Bottom left	2 - BRUSHLESS motor	3 - Flange 80	3 - Torque 2.2÷3 Nm		
					800			2 - Top right	3 - STEPPING motor with BRAKE (+ Encoder)	4 - NEMA 34	4 - Torque 3.01÷5 Nm		
					1000			3 - Bottom right	4 - BRUSHLESS motor with BRAKE		5 - Torque 6.21÷7 Nm		
					1200						7 - Torque > 7 Nm		
			2 - Size 470		800								
					1200								
					1600								
					2000								
					2400								

♦ Other strokes on request.

N.B. The available configurations are shown on pages 12 and 13.

Diameter	without motor		STEPPING motor*		STEPPING motor with brake*	
SHAK 340	Codice		Codice		Codice	
stroke 400	37501004000		375010040000_1440		375010040000_3450	
stroke 600	37501006000		375010060000_1440		375010060000_3450	
stroke 800	37501008000		375010080000_1440		375010080000_3450	
stroke 1000	37501010000		375010100000_1440		375010100000_3450	
stroke 1200	37501012000		375010120000_1440		375010120000_3450	

Diameter	BRUSHLESS motor*		BRUSHLESS motor with brake*		BRUSHLESS motor with gear unit*		BRUSHLESS motor with gear unit and brake*	
SHAK 340	Code		Code		Code		Code	
stroke 800	37502008000		375020080000_1470		375020080000_3470			
stroke 1200	37502012000		375020120000_1470		375020120000_3470			
stroke 1600	37502016000		375020160000_1470		375020160000_3470			
stroke 2000	37502020000		375020200000_1470		375020200000_3470			
stroke 2400	37502024000		375020240000_1470		375020240000_3470			

Diameter	BRUSHLESS motor*		BRUSHLESS motor with brake*		BRUSHLESS motor with gear unit*		BRUSHLESS motor with gear unit and brake*	
SHAK 340	Code		Code		Code		Code	
stroke 400	375010040000_2220		375010040000_4220		375010040001_2220		375010040001_4220	
stroke 600	375010060000_2220		375010060000_4220		375010060001_2220		375010060001_4220	
stroke 800	375010080000_2220		375010080000_4220		375010080001_2220		375010080001_4220	
stroke 1000	375010100000_2220		375010100000_4220		375010100001_2220		375010100001_4220	
stroke 1200	375010120000_2220		375010120000_4220		375010120001_2220		375010120001_4220	

Diameter	BRUSHLESS motor*		BRUSHLESS motor with brake*		BRUSHLESS motor with gear unit*		BRUSHLESS motor with gear unit and brake*	
SHAK 470	Code		Code		Code		Code	
stroke 800	375020080000_2330		375020080000_4330		375020080001_2330		375020080001_4330	
stroke 1200	375020120000_2330		375020120000_4330		375020120001_2330		375020120001_4330	
stroke 1600	375020160000_2330		375020160000_4330		375020160001_2330		375020160001_4330	
stroke 2000	375020200000_2330		375020200000_4330		375020200001_2330		375020200001_4330	
stroke 2400	375020240000_2330		375020240000_4330		375020240001_2330		375020240001_4330	

\*= in fifth from last position, insert 0, 1, 2, 3 depending on the position of motor (see Key to code); the price does not change.

**LINKS FOR ELEKTRO SHAK**



**ELECTRIC AXIS ELEKTRO SHAK GANTRY SERIES**

**KEY TO CODES**

Cil	37 Type	5	G	1 Size	0800 X-axis stroke ♦	0600 Y-axis stroke ♦	1 Reduction	0 Motor position	200 Drive		
	37 - Electric actuators	5 - SHAK electric axes	G - GANTRY	1 - Size 340	400 600 800 1000 1200	400 600 800 1000 1200	1 - 1:5 ratio (X axis) 1:3 ratio (Y axis)	1 - Left 2 - Right	2 - BRUSHLESS motor	0 - Standard	0 - Standard
				2 - Size 470	800 1200 1600 2000 2400	600 1000 1400 1800 2200					

♦ For standard combinations, please refer to dimensional drawings.

Diameter <b>SHAK 340</b>	BRUSHLESS* motor NO BRAKE Code
stroke 400 (Y=400)	375G1040004001_200
stroke 400 (Y=600)	375G1040006001_200
stroke 400 (Y=800)	375G1040008001_200
stroke 400 (Y=1000)	375G1040010001_200
stroke 400 (Y=1200)	375G1040012001_200
stroke 600 (Y=400)	375G1060004001_200
stroke 600 (Y=600)	375G1060006001_200
stroke 600 (Y=800)	375G1060008001_200
stroke 600 (Y=1000)	375G1060010001_200
stroke 600 (Y=1200)	375G1060012001_200
stroke 800 (Y=400)	375G1080004001_200
stroke 800 (Y=600)	375G1080006001_200
stroke 800 (Y=800)	375G1080008001_200
stroke 800 (Y=1000)	375G1080010001_200
stroke 800 (Y=1200)	375G1080012001_200
stroke 1000 (Y=400)	375G1100004001_200
stroke 1000 (Y=600)	375G1100006001_200
stroke 1000 (Y=800)	375G1100008001_200
stroke 1000 (Y=1000)	375G1100010001_200
stroke 1000 (Y=1200)	375G1100012001_200
stroke 1200 (Y=400)	375G1120004001_200
stroke 1200 (Y=600)	375G1120006001_200
stroke 1200 (Y=800)	375G1120008001_200
stroke 1200 (Y=1000)	375G1120010001_200
stroke 1200 (Y=1200)	375G1120012001_200

Diameter <b>SHAK 470</b>	BRUSHLESS* motor NO BRAKE Code
stroke 800 (Y=600)	375G2080006001_200
stroke 800 (Y=1000)	375G2080010001_200
stroke 800 (Y=1400)	375G2080014001_200
stroke 800 (Y=1800)	375G2080018001_200
stroke 800 (Y=2200)	375G2080022001_200
stroke 1200 (Y=600)	375G2120006001_200
stroke 1200 (Y=1000)	375G2120010001_200
stroke 1200 (Y=1400)	375G2120014001_200
stroke 1200 (Y=1800)	375G2120018001_200
stroke 1200 (Y=2200)	375G2120022001_200
stroke 1600 (Y=600)	375G2160006001_200
stroke 1600 (Y=1000)	375G2160010001_200
stroke 1600 (Y=1400)	375G2160014001_200
stroke 1600 (Y=1800)	375G2160018001_200
stroke 1600 (Y=2200)	375G2160022001_200
stroke 2000 (Y=600)	375G2200006001_200
stroke 2000 (Y=1000)	375G2200010001_200
stroke 2000 (Y=1400)	375G2200014001_200
stroke 2000 (Y=1800)	375G2200018001_200
stroke 2000 (Y=2200)	375G2200022001_200
stroke 2400 (Y=600)	375G2240006001_200
stroke 2400 (Y=1000)	375G2240010001_200
stroke 2400 (Y=1400)	375G2240014001_200
stroke 2400 (Y=1800)	375G2240018001_200
stroke 2400 (Y=2200)	375G2240022001_200

N.B.: \_ Per completare il codice inserire 1 per motori a sinistra; inserire 2 per motori a destra

**LINKS FOR ELEKTRO SHAK AND SHAK GANTRY**

"ACCESSORIES FIXINGS" PAGE 52

"MAGNETIC SENSORS" PAGE 69

"SPARE PARTS" PAGE 64

"MOTORS - PROGRAMMING - DRIVES" PAGE 50

"SHAK GEAR UNITS" PAGE 50



## ELECTRIC AXIS ELEKTRO SVAK SERIES



### KEY TO CODES

Cyl	37	5	V	0	0	0200	0	4	2	0	0
Type						Stroke ♦		Motor	Flange	Drive	
	37 - Electric actuators	5 - Belt-driven electric axes	V - SVAK	0 - STD	0 - STD	0200 0400 0600 0800	0 - STD	4 - Brushless with BRAKE	2 - 60	0 - 0±0.79 Nm	0 - STD

♦ Other strokes on request.

### LINKS FOR ELEKTRO SVAK

375V00020004200 SVAK stroke 200 mm  
 375V00040004200 SVAK stroke 400 mm  
 375V00060004200 SVAK stroke 600 mm  
 375V00080004200 SVAK stroke 800 mm

"ACCESSORIES FIXINGS" PAGE 52  
 "MAGNETIC SENSORS" PAGE 69  
 "MOTORS - PROGRAMMING - DRIVES" PAGE 50

## ELECTRIC AXIS ELEKTRO SK SERIES



### KEY TO CODES AXIS ELECTRIC (WITHOUT MOTOR)

Cyl	37	3	0	2	1	0300	1				
Type				Size	Interface	Stroke	Screw pitch				
	37 - Electric actuators	3 - Electric axis rodless elektro SK	0 - STD	2 - Size 2	1 - Azial V-Lock 2 - Orthogonal V-Lock 3 - Blank	From 100 to 1200 mm	1 - Screw pitch 4 4 - Screw pitch 10				

### KEY TO CODES AXIS ELECTRIC MOTOR

Cyl	37	3	0	2	1	0300	1	1	1	1	2	0
Type				Size	Interface	Stroke	Screw pitch	Version	Motor		Drive	
	37 - Electric actuators	3 - Electric axis rodless elektro SK	0 - STD	2 - Size 2	1 - Azial V-Lock 2 - Orthogonal V-Lock 3 - Blank	From 100 to 1200 mm	1 - Screw pitch 4 4 - Screw pitch 10	2 - In line IP 40 6 - Geared IP 40 right 9 - Geared IP 40 left	1 - STEPPING 2 - BRUSHLESS 3 - STEPPING with BRAKE (+ Encoder) 4 - BRUSHLESS with BRAKE 5 - STEPPING with BRAKE without Encoder	1 - NEMA flange 23 2 - Flange 60	2 - Torque 1.2±2.19 Nm 3 - Torque 2.2±3 Nm	0 - Base 1 - Greater rpm

#### Electric actuator SK Series without motor

Code  
37302\_0000\_

#### Electric actuator SK Series with STEPPING motor

Code  
 in-line 37302\_0000\_21121  
 geared IP40 right 37302\_0000\_61121  
 geared IP40 left 37302\_0000\_91121

#### Electric actuator SK Series with STEPPING motor with brake

Code  
 in-line 37302\_0000\_25120  
 geared IP40 right 37302\_0000\_65120  
 geared IP40 left 37302\_0000\_95120

#### Electric actuator SK Series with STEPPING motor with brake + encoder

Code  
 in-line 37302\_0000\_23230  
 geared IP40 right 37302\_0000\_63230  
 geared IP40 left 37302\_0000\_93230

#### Electric actuator SK Series with BRUSHLESS motor

Code  
 in-line 37302\_0000\_22220  
 geared IP40 right 37302\_0000\_62220  
 geared IP40 left 37302\_0000\_92220

#### Electric actuator SK Series with BRUSHLESS motor with brake

Code  
 in-line 37302\_0000\_24220  
 geared IP40 right 37302\_0000\_64220  
 geared IP40 left 37302\_0000\_94220

price each mm, for all versions: 0,700 €

### LINKS FOR ELEKTRO SK

"ACCESSORIES FIXINGS" PAGE 52  
 "MAGNETIC SENSORS" PAGE 69  
 "MOTORS - PROGRAMMING - DRIVES" PAGE 50  
 "FIXING ELEMENTS" PAGE 32

## ELECTRIC COMPACT CYLINDER SERIES ELEKTRO SSC



Type	Family	Size	Stroke	Screw	Version	DRIVE			
						Motor	Flange	Torque	
37 - Electric actuators	6 Electric cylinder SSC	Ø32 - diam 32	0030 - 30 mm	1 - with pitch 4 ball screw	3 - in-line without non-rotating IP55/IP65	1 - STEPPING	2 - 60x60	2 - 1.2±2.19 Nm	0 Base
			0055 - 55 mm	4 - with pitch 10 ball screw	4 - in-line with non-rotating IP55/IP65	1 - STEPPING	1 - Nema 23	2 - 1.2±2.19 Nm	1 Greater rpm
				C - with pitch 5 lead screw	7 - geared without non-rotating IP55/IP65	2 - BRUSHLESS	0 - 40x40	0 - 0±0.79 Nm	0 Base
				F - with pitch 12.7 lead screw	8 - geared with non-rotating IP55/IP65	3 - STEPPING with brake + encoder	2 - 60x60	2 - 1.2±2.19 Nm	0 Base
						4 - BRUSHLESS with brake	0 - 40x40	0 - 0±0.79 Nm	0 Base
								8 - STEPPING + encoder	2 - 60x60

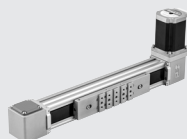
## LINKS FOR ELEKTRO SSC

"ACCESSORIES FIXINGS" PAGE 52 

"MAGNETIC SENSORS" PAGE 69 

"MOTORS - PROGRAMMING - DRIVES" PAGE 50 

## ELECTRIC AXIS - BELT-DRIVEN RODLESS ELEKTRO BK SERIES



### KEY TO CODES AXIS ELECTRIC WITHOUT MOTOR

Cyl	37	4	0	1	1	0300	2	T				
	Type			Size	Carriage Type	Stroke	Guide Type					
37 - Electric actuators	4 - Electric axis rodless elektro BK	0 - STD	1 - BK-1 2 - BK-2	1 STD (Standard V-lock axial length) ● 5 XL (long with threaded holes)	BK-1 Medium from 110 to 3800 mm BK-1 Heavy from 110 to 2800 mm BK-2 Heavy from 140 to 3800 mm BK-2 Heavy XL from 140 to 3600 mm	◆ 2 - Medium (guide and steel wheels) 3 - Heavy - Heavy XL (steel guide and pads ball-recirculation)	Without motor (plugged outlets)					

● Only available for BK-2

◆ Only available for BK-1



KEY TO CODES AXIS ELECTRIC MOTOR

Cyl	KEY TO CODES AXIS ELECTRIC MOTOR					DRIVE						
	37 Type	4	0	1 Size	1 Carriage Type	0300 Stroke	2 Guide Type	6 Motor position	1 Motor	2 Flange	3 Torque	0
	37 - Electric actuators	4 - Electric axis rodless elektro BK	0 - STD	1 - BK-1 2 - BK-2	1 STD (Standard V-lock axial length) ● 5 XL (long with threaded holes)	BK-1 Medium from 110 to 3800 mm  BK-1 Heavy from 110 to 2800 mm  BK-2 Heavy from 140 to 3800 mm  BK-2 Heavy XL from 140 to 3600 mm	◆ 2 - Medium (guide and steel wheels)  3 - Heavy - Heavy XL (steel guide and pads ball-recirculation)	6 - Right 9 - Left	1 - STEPPING 2 - BRUSHLESS 3 - STEPPING with BRAKE (+ Encoder) 4 - BRUSHLESS with BRAKE 6 - BRUSHLESS with 1:3 gearbox 7 - BRUSHLESS with BRAKE +1:3 gearbox 8 - BRUSHLESS with 1:5 gearbox 9 - BRUSHLESS with BRAKE +1:5 gearbox C - Stepping with Encoder E - BRUSHLESS with BRAKE and reduction 1:2 (toothed belt) F - BRUSHLESS with reduction 1:2 (toothed belt)	2 - 60 3 - 80 4 - NEMA 34	2 - 1.2±2.19 Nm 3 - 2.2±3 Nm 7 - 7.01±10 Nm	0 - Base

- Only available for BK-2
- ◆ Only available for BK-1

BK1 - ORDERING CODES

BK1 SERIES without motor zero stroke	Version	Code	
	Medium	37401100002T	
	Heavy	37401100003T	

BK1 SERIES with STEPPING motor zero stroke	Version	Code motor posit.: right	Code motor posit.: left
	Medium	3740110000261230	3740110000291230
	Heavy	3740110000361230	3740110000391230

BK1 SERIES with BRUSHLESS motor	Version	Code motor posit.: right	Code motor posit.: left
	Medium	3740110000262220	3740110000292220
	Heavy	3740110000362220	3740110000392220
with BRAKE	Medium	3740110000264220	3740110000294220
with BRAKE	Heavy	3740110000364220	3740110000394220
with BELT TRANSMISSION - Reduction 1:2	Medium	374011000026F220	374011000029F220
with BELT TRANSMISSION - Reduction 1:2	Heavy	374011000036F220	374011000039F220
+ BRAKE with BELT TRANSMISSION - Reduction 1:2	Medium	374011000026E220	374011000029E220
+ BRAKE with BELT TRANSMISSION - Reduction 1:2	Heavy	374011000036E220	374011000039E220
with GEARBOX - Reduction 1:3	Medium	3740110000266220	3740110000296220
with GEARBOX - Reduction 1:3	Heavy	3740110000366220	3740110000396220
+ BRAKE with GEARBOX - Reduction 1:3	Medium	3740110000267220	3740110000297220
+ BRAKE with GEARBOX - Reduction 1:3	Heavy	3740110000367220	3740110000397220
with GEARBOX - Reduction 1:5	Medium	3740110000268220	3740110000298220
with GEARBOX - Reduction 1:5	Heavy	3740110000368220	3740110000398220
+ BRAKE with GEARBOX - Reduction 1:5	Medium	3740110000269220	3740110000299220
+ BRAKE with GEARBOX - Reduction 1:5	Heavy	3740110000369220	3740110000399220

BK2 - ORDERING CODES

BK2 SERIES without motor zero stroke	Version	Code	
	Heavy	37402100003T	
	Heavy XL	37402500003T	

BK2 SERIES with STEPPING motor	Version	Code motor posit.: right	Code motor posit.: left
	Heavy	3740210000361470	3740210000391470
	Heavy XL	3740250000361470	3740250000391470
with ENCODER	Heavy	374021000036C470	374021000039C470
with ENCODER	Heavy XL	374025000036C470	374025000039C470
+ BRAKE with ENCODER	Heavy	3740210000363470	3740210000393470
+ BRAKE with ENCODER	Heavy XL	3740250000363470	3740250000393470

BK2 SERIES with BRUSHLESS motor	Version	Code motor posit.: right	Code motor posit.: left
	Heavy	3740210000362330	3740210000392330
	Heavy XL	3740250000362330	3740250000392330
with BRAKE	Heavy	3740210000364330	3740210000394330
with BRAKE	Heavy XL	3740250000364330	3740250000394330
with BELT TRANSMISSION - Reduction 1:2	Heavy	374021000036F330	374021000039F330
with BELT TRANSMISSION - Reduction 1:2	Heavy XL	374025000036F330	374025000039F330
+ BRAKE with BELT TRANSMISSION - Reduction 1:2	Heavy	374021000036E330	374021000039E330
+ BRAKE with BELT TRANSMISSION - Reduction 1:2	Heavy XL	374025000036E330	374025000039E330
with GEARBOX - Reduction 1:3	Heavy	3740210000366330	3740210000396330
with GEARBOX - Reduction 1:3	Heavy XL	3740250000366330	3740250000396330
+ BRAKE with GEARBOX - Reduction 1:3	Heavy	3740210000367330	3740210000397330
+ BRAKE with GEARBOX - Reduction 1:3	Heavy XL	3740250000367330	3740250000397330
with GEARBOX - Reduction 1:5	Heavy	3740210000368330	3740210000398330
with GEARBOX - Reduction 1:5	Heavy XL	3740250000368330	3740250000398330
+ BRAKE with GEARBOX - Reduction 1:5	Heavy	3740210000369330	3740210000399330
+ BRAKE with GEARBOX - Reduction 1:5	Heavy XL	3740250000369330	3740250000399330





LINKS FOR SERIES ELEKTRO BK

- "ACCESSORIES FIXINGS" PAGE 52
- "MAGNETIC SENSORS" PAGE 69
- "MOTORS - PROGRAMMING - DRIVES" PAGE 50
- "FIXING ELEMENTS" PAGE 32
- "SHAK GEAR UNITS" PAGE 50



# MOTORS - PROGRAMMING - DRIVES

ACTUATORS

Description Diameter	Code	Cyl ISO15552	Cyl ISO15552 EK	ROUND DC	SHAK	SHAK GANTRY	SVAK	SK	SSC	BK
<b>MOTOR DRIVE CABLE</b>										
<b>STEPPING</b>										
 STEPPING motor SANYO 0.8Nm 103-H7123-1749	37M1110000	X								
STEPPING motor SANYO 1.2Nm 103-H7126-1740	37M1120000	X								
STEPPING motor SANYO 1.2Nm 103-H7126-6640	37M1120001	X	X					X	X	
STEPPING motor B&R 1.2Nm 80MPF3.5 IP65	37M1220000								X	
STEPPING motor SANYO 2.2Nm 103-H7823-1740	37M1230000		X							X
STEPPING motor SANYO 2.4Nm 103-H8221-6241	37M1430000	X								
STEPPING motor SANYO 4.2Nm 103-H8222-6340	37M1440000	X			X					
STEPPING motor SANYO 6.7Nm SM 2863-5255	37M1450000	X								
STEPPING motor B&R 9.3Nm 80MPH6.101S000-01	37M1470000	X			X					X
STEPPING motor SANYO 17.5Nm 103-H89223-6341	37M1890000	X								
<b>STEPPING WITH ENCODER</b>										
STEPPING motor+E B&R 1.2Nm 80MPF3.500S114-01	37M8220000								X	
STEPPING motor+E B&R 9.3Nm 80MPH6.101S114-01	37M8470000									X
<b>STEPPING WITH BRAKE</b>										
STEPPING motor+B SANYO 1.2Nm 103-H7126-1710.B	37M5120000	X	X					X		
<b>STEPPING WITH BRAKE + ENCODER</b>										
STEPPING motor+EB B&R 1.2Nm 80MPF3.500D114-01	37M3220000	X							X	
STEPPING motor+EB B&R 2.5Nm 80MPF5.500D114-01	37M3230000	X						X		
STEPPING motor+EB B&R 2.9Nm 80MPH1.600D114-01	37M3430000	X								
STEPPING motor+EB B&R 6.3Nm 80MPH4.101D114-01	37M3450000	X			X					
STEPPING motor+EB B&R 5.5Nm 80MPH3.600D114-01	37M3460000	X								
STEPPING motor+EB B&R 9.3Nm 80MPH6.101D114-01	37M3470000	X			X					X
<b>BRUSHLESS</b>										
BRUSHLESS motor SANYO 0.64Nm R2AA06020FXH11M	37M2200000	X								
BRUSHLESS motor SANYO 1.27Nm R2AA06040FXH11M	37M2220000	X			X	X				
BRUSHLESS motor SANYO 2.39Nm R2AA08075FXH11M	37M2330000	X			X	X				
BRUSHLESS motor SANYO 3.18Nm R2AAB8100HXH29M	37M2540000	X								
BRUSHLESS motor DELTA 0.32Nm ECMA-C20401RS	37M2000000								X	
BRUSHLESS motor DELTA 0.64Nm ECMA-C20602RS	37M2200001		X							
BRUSHLESS motor DELTA 1.27Nm ECMA-C20604RS	37M2220001							X		X
BRUSHLESS motor DELTA 2.39Nm ECMA-C20807RS	37M2330001									X
BRUSHLESS motor DELTA 9.5Nm ECMA-J11330R4	37M2770000	X								
<b>BRUSHLESS WITH BRAKE</b>										
BRUSHLESS motor+B SANYO 0.64Nm R2AA06020FCH11M	37M4200000	X					X			
BRUSHLESS motor+B SANYO 1.27Nm R2AA06040FCH11M	37M4220000	X			X					
BRUSHLESS motor+B SANYO 2.39Nm R2AA08075FCH11M	37M4330000	X			X					
BRUSHLESS motor+B SANYO 3.18Nm R2AAB8100HCH29M	37M4540000	X								
BRUSHLESS motor+B DELTA 0.32Nm ECMA-C20401SS	37M4000000								X	
BRUSHLESS motor+B DELTA 0.64Nm ECMA-C20602SS	37M4200001		X							
BRUSHLESS motor+B DELTA 1.27Nm ECMA-C20604SS	37M4220001							X		X
BRUSHLESS motor+B DELTA 2.39Nm ECMA-C20807SS	37M4330001									X
BRUSHLESS motor+B DELTA 9.5Nm ECMA-J11330S4	37M4770000	X								
<b>PROGRAMMING UNIT E.MOTION</b>										
 Programming unit e.motion	37D000000	X	X		X	X	X	X	X	X
<b>PROGRAMMABLE STEPPER MOTOR DRIVE - E.DRIVE</b>										
 Programmable stepping motor drive - e.drive	37D1332002	X	X		X	X	X	X	X	X
<b>DIRECT CURRENT MOTORS DRIVE - E.DIRECT</b>										
 E.direct drive for 24VDC 5A direct current motors, encoder handling, digital I / O	37D3112000			X						
<b>DRIVE</b>										
<b>STEPPING DRIVE</b>										
Drive STEPPING 4,4A 24-48 VDC	37D1222000	X	X					X		X
Drive STEPPING 6A 24-75VDC	37D1332000	X	X		X			X	X	X
Drive STEPPING 6A 77-140VDC	37D1442000	X			X			X	X	
Drive STEPPING 10A 28-62 VAC	37D1552000	X	X		X			X	X	X
Drive STEPPING 6A 110-230 VAC	37D1362001	X								
<b>BRUSHLESS DRIVE - SANYO DENKI</b>										
Drive BRUSHLESS SANYO RS3A03 230VAC STEP-DIR	37D2400008	X			X	X	X			
Drive BRUSHLESS SANYO RS1A01 15A 220VAC	37D2200000**	X					X			
Drive BRUSHLESS SANYO RS1A03 30A 220VAC	37D2400000**	X			X	X				
<b>BRUSHLESS DRIVE - DELTA</b>										
Drive BRUSHLESS DELTA 100W ASD-A2-0121-M	37D2100000								X	
Drive BRUSHLESS DELTA 200W ASDA-A2-0221-M	37D2200001		X							
Drive BRUSHLESS DELTA 400W ASDA-A2-0421-M	37D2300000							X		X
Drive BRUSHLESS DELTA 750W ASD-A2-0721-M	37D2400007									X
Drive BRUSHLESS DELTA 3kW ASD-A2-3043-E	37D2600001	X								
** running out code										
<b>SHAK GEAR UNITS</b>										
Gear-b.BONFIGLIOLI MP053 1/3 F60 Ø50-Ø14	37R0341000				X	X				X
Gear-b.BONFIGLIOLI MP080 1/3 F80 Ø70-Ø16	37R0343000				X	X				X
Gear-b.BONFIGLIOLI MP053 1/5 F60 Ø50-Ø14	37R0541000					X				X
Gear-b.BONFIGLIOLI MP080 1/5 F80 Ø70-Ø16	37R0543000					X				X
Gear-b.BONFIGLIOLI MP105 1/3 F120 Ø110-Ø24	37R0364000									

Description Diameter	Code	Cyl ISO15552	Cyl ISO15552 EK	ROUND DC	SHAK	SHAK GANTRY	SVAK	SK	SSC	BK
<b>ELECTRIC MOTORS</b>										
For SHAK GANTRY 340, please refer to motor code 37M2220000						X				
For SHAK GANTRY 470, please refer to motor code 37M2330000						X				
<b>DRIVES AND CABLE</b>										
See drive code 37D2400000						X				

## ACCESSORIES PROGRAMMING UNIT E.MOTION

Code	Description	Code	Description	Code	Description
<b>BRACKET TO FIT ONTO OMEGA BAR</b>		<b>CABLE FOR BRUSHLESS DRIVERS</b>			
095000M000	Bracket to fix e.motion board onto Omega bar (DIN EN 50022)	37C2510000	Cable for connecting the e.motion board to Sanyo Denki RS1A0x driver		
		37C2510001	Cable for connecting the e.motion board to Delta ASDA A2, 1m driver		
<b>CABLE USB</b>					
37C0030000	3 m cable for USB 2.0 male A-B connector with ferrite core, for connecting the e.motion board to a PC				

## ACCESSORIES PROGRAMMABLE STEPPER MOTOR DRIVE - E.DRIVE

<b>BRACKET TO FIT ONTO OMEGA BAR</b>		<b>CABLE USB</b>	
095000M000	Bracket to fix e.motion board onto Omega bar (DIN EN 50022)	37C0030000	3 m cable for USB 2.0 male A-B connector with ferrite core, for connecting the e.motion board to a PC

## ACCESSORIES STEPPING DRIVE

<b>POWER CABLE FOR MOTOR WITH BRAKE</b>		<b>ENCODER CABLE</b>	
37C1330000	Power cable STEPPING motor + brake 3M	37C1230000	Encoder cable STEPPING motor + brake 3M
37C1350000	Power cable STEPPING motor + brake 5M	37C1250000	Encoder cable STEPPING motor + brake 5M

## ACCESSORIES BRUSHLESS DRIVE - SANYO DENKI

<b>ENCODER CONNECTING CABLE</b>		<b>CONNECTING CABLE</b>		<b>POWER DRIVE CABLE WITH BRAKE</b>	
37C2230005	BRUSHLESS SANYO motor-drive encoder connecting cable RS3 3M	37C2130005	BRUSHLESS SANYO motor-drive connecting cable RS3 3M	37C2330000	BRUSHLESS motor-brake connecting, SANYO RS_3M dynamic
37C2250005	BRUSHLESS SANYO motor-drive encoder connecting cable RS3 5M	37C2150005	BRUSHLESS SANYO motor-drive connecting cable RS3 5M	37C2350000	BRUSHLESS motor-brake connecting, SANYO RS_5M dynamic
37C2200005	BRUSHLESS SANYO motor-drive encoder connecting cable RS3 10M	37C2100005	BRUSHLESS SANYO motor-drive connecting cable RS3 10M	37C2310000	BRUSHLESS motor-brake connecting, SANYO RS_10M dynamic
37C2230004	BRUSHLESS SANYO motor-drive encoder connecting, dynamic, cable RS3 3M	37C2130004	BRUSHLESS SANYO motor-drive connecting, dynamic, cable RS3 3M		
37C2250006	BRUSHLESS SANYO motor-drive encoder connecting, dynamic, cable RS3 5M	37C2150004	BRUSHLESS SANYO motor-drive connecting, dynamic, cable RS3 5M	<b>LINE-DRIVER INTERFACE BOARD</b>	
37C2200004	BRUSHLESS SANYO motor-drive encoder connecting, dynamic, cable RS3 10M	37C2100004	BRUSHLESS SANYO motor-drive connecting, dynamic, cable RS3 10M	37D2000000	BRINT.A line driver interface board
37C2230000**	BRUSHLESS motor-drive encoder connecting cable 3M	37C2130000**	BRUSHLESS motor-drive connecting cable 3M		
37C2250000**	BRUSHLESS motor-drive encoder connecting cable 5M	37C2150000**	BRUSHLESS motor-drive connecting cable 5M	<b>BRAKING RESISTANCES</b>	
37C2230003**	BRUSHLESS motor-drive encoder connecting, dynamic, cable 3M	37C2130003**	BRUSHLESS motor-drive connecting, dynamic, cable 3M	37D2R00000	Braking resistances SANYO RB05005 220W 50OHM
37C2250003**	BRUSHLESS motor-drive encoder connecting, dynamic, cable 5M	37C2150003**	BRUSHLESS motor-drive connecting, dynamic, cable 5M	37D2R00001**	Braking resistances 220W 100 OHM X RS1A01
37C2210003**	BRUSHLESS motor-drive encoder connecting, dynamic, cable 10M	37C2110003**	BRUSHLESS motor-drive connecting, dynamic, cable 10M		
** running out code		** running out code		** running out code	
				<b>KIT SOFTWARE</b>	
				37D2500000	Kit software config+ cable for pc

## ACCESSORIES BRUSHLESS DRIVE - DELTA

<b>ENCODER CONNECTING CABLE</b>		<b>CONNECTING CABLE</b>		<b>CONNECTING CABLE WITH BRAKE</b>	
37C2230001	BRUSHLESS motor-drive encoder connecting cable 200W-750W, 3M	37C2130001	BRUSHLESS motor-drive connecting cable 200W-750W, 3M	37C2730000	BRUSHLESS motor-drive connecting cable 200W-750W, 3M with brake
37C2250001	BRUSHLESS motor-drive encoder connecting cable 200W-750W, 5M	37C2150001	BRUSHLESS motor-drive connecting cable 200W-750W, 5M	37C2750000	BRUSHLESS motor-drive connecting cable 200W-750W, 5M with brake
37C2230002	BRUSHLESS motor-drive encoder connecting cable 200W-750W, dynamic, 3M	37C2130002	BRUSHLESS motor-drive connecting cable 200W-750W, dynamic, 3M	37C2730001	BRUSHLESS motor-drive connecting cable 200W-750W, dynamic, 3M with brake
37C2250002	BRUSHLESS motor-drive encoder connecting cable 200W-750W, dynamic, 5M	37C2150002	BRUSHLESS motor-drive connecting cable 200W-750W, dynamic, 5M	37C2750001	BRUSHLESS motor-drive connecting cable 200W-750W, dynamic, 5M with brake
37C2200003	BRUSHLESS motor-drive encoder connecting cable 200W-750W, dynamic, 10M	37C2100003	BRUSHLESS motor-drive connecting cable 200W-750W, dynamic, 10M	37C2700001	BRUSHLESS motor-drive connecting cable 200W-750W, dynamic, 10M with brake
37C3230001	BRUSHLESS motor-drive encoder connecting cable 3kW, 3M	37C3130001	BRUSHLESS motor-drive connecting cable 3kW, 3M	37C3730000	BRUSHLESS motor-drive connecting cable 3kW, 3M with brake
37C3250001	BRUSHLESS motor-drive encoder connecting cable 3kW, 5M	37C3150001	BRUSHLESS motor-drive connecting cable 3kW, 5M	37C3750000	BRUSHLESS motor-drive connecting cable 5kW, 3M with brake
				<b>LINE-DRIVER INTERFACE BOARD</b>	
				37D2000000	BRINT.A line driver interface board
				<b>BRAKING RESISTANCES</b>	
				37D2R00000	Braking resistances 220W 50 Ohm
				37D2R00004	Braking resistances 400W 40 Ohm















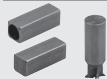













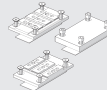








## ACCESSORIES V-LOCK

Description Diameter	Code	V-LOCK	RODLESS CYLINDER V-LOCK SERIES	SLIDES SK4K	GDHK / GDMK	GRIPPERS	LEPK	DAHK	ELEKTRO ISO15532 - ISO15532 EK	ELEKTRO SHAK - SHAK GANTRY	ELEKTRO SVAK	ELEKTRO SK	ELEKTRO SSC
<b>ACCESSORIES FIXING ELEMENTS</b>													
 V-lock hollow key kit	W0950005150K	X		X									
V-lock key kit	W0950005151K	X		X									
V-lock profile tool	9000770	X		X									
<b>FOOTS</b>													
 Acc. foot D.016 V-Lock	W0950167001K		X										
Acc. foot D.025 V-Lock	W0950257001K		X										
Acc. foot D.032 V-Lock	W0950327001K		X										
 Acc. intermediate support D.016 V-Lock	W0950164004K		X										
Acc. intermediate support D.025 V-Lock	W0950254004K		X										
Acc. intermediate support D.032 V-Lock	W0950324004K		X										
<b>MECHANICAL STOP</b>													
 Mechanical stop M10x1 + nut	W0950005501K				X								
Mechanical stop M14x1.5 + nut	W0950005502K				X								
Mechanical stop M20x1.5 + nut	W0950005503K				X								
<b>REAR PLATE KITS</b>													
 Rear plate kit GD_K Ø12/16	W0950005600K				X								
Rear plate kit GD_K Ø20/25	W0950005601K				X								
Rear plate kit GD_K Ø32	W0950005602K				X								
Rear plate kit GD_K Ø40	W0950005603K				X								
<b>GREASE</b>													
 Tube of RHEOLUBE 362 grease	9910502												
Tube of RHEOLUBE 363 grease AX1	9910506			X	GDH-K GDM-K				X			X	
Grease pipe NYOGEL 774 H	9910509					P2K							
Grease pipe ULTRAPLEX FG1 NSF CAT H1	9910514												X
<b>GREASE NIPPLE</b>													
 Complete grease nipple for Elektro rodless SK cylinders	0950T2R108											X	
<b>OIL</b>													
 PARALIQ P 460	9910490					X	X	X		X	X		
<b>CABLE GUIDE</b>													
 Acc. Cable guide 850mm LEPK-1-90-A/B 160-A	095K2100850K						X						
Acc. Cable guide 900mm LEPK-1-160-B	095K2100900K						X						
Acc. Cable guide 1200mm LEPK-1-225-A/B	095K2101200K						X						
Acc. Cable guide 1550mm LEPK-2-320-A/B	095K2101550K						X						
<b>DZAK INTERMEDIATE STOP</b>													
 DZAK-1 intermediate stop	095K2000100K							X					
DZAK-2 intermediate stop	095K2000110K							X					
<b>DZAK ADJUSTING WRENCH</b>													
 DZAK-1 adjusting wrench	095K2000250K							X					
DZAK-2 adjusting wrench	095K2000260K							X					
<b>WAK</b>													
 WAK-1 angle adaptor	095K2000150K							X					
WAK-2 angle adaptor	095K2000160K							X					
<b>ACTUATORS</b>													
 Side adaptor kit type 1 V-Lock	0950008003K					X							
Side adaptor kit type 2 V-Lock	0950008004K					X							
Side adaptor kit type 3 V-Lock	0950008005K					X							
<b>CENTRING RING</b>													
 Kit of centring rings for P3-P3K-P12-P12K 64	W1560649201					X							
Kit of centring rings for P3-P3K-P12-P12K 80	W1560809201					X							
Kit of centring rings for P3-P3K-P12-P12K 100	W1561009201					X							
<b>CARRIAGE INTERFACE KIT</b>													
 V-Lock axial interface kit	0950T2R016K											X	
V-Lock orthogonal interface kit	0950T2R017K											X	
BLANK interface kit	0950T2R015											X	

## GUIDE UNITS

GDH



GDM



GDS



Description	Code	12	16	20	25	32	40	50	63	80	100	ISO 6432	ISO 15552
Diameter		012	016	020	025	032	040	050	063	080	100	(from 12 to 25)	(from 32 to 100)

### GDH: H PROFILE FOR HIGH LOADS (BRONZE GUIDE BUSHING)

stroke=50	W070_2050	X	X	X	X	X	X	X	X	X	X	X	X
stroke=100	W070_2100	X	X	X	X	X	X	X	X	X	X	X	X
stroke=150	W070_2150	X	X	X	X	X	X	X	X	X	X	X	X
stroke=200	W070_2200	X	X	X	X	X	X	X	X	X	X	X	X
stroke=250	W070_2250	X	X	X	X	X	X	X	X	X	X	X	X
stroke=320	W070_2320					X	X	X	X	X	X		X
stroke=400	W070_2400					X	X	X	X	X	X		X
stroke=500	W070_2500					X	X	X	X	X	X		X

### GDM: H PROFILE FOR HIGH SPEED (BALL GUIDE BUSHING)

stroke=50	W070_3050	X	X	X	X	X	X	X	X	X	X	X	X
stroke=100	W070_3100	X	X	X	X	X	X	X	X	X	X	X	X
stroke=150	W070_3150	X	X	X	X	X	X	X	X	X	X	X	X
stroke=200	W070_3200	X	X	X	X	X	X	X	X	X	X	X	X
stroke=250	W070_3250	X	X	X	X	X	X	X	X	X	X	X	X
stroke=320	W070_3320					X	X	X	X	X	X		X
stroke=400	W070_3400					X	X	X	X	X	X		X
stroke=500	W070_3500					X	X	X	X	X	X		X

### GDS: U PROFILE FOR LIMITED LOADS AND SPEED (BRONZE GUIDE BUSHING)

stroke=50	W070_1050	X	X	X	X	X	X	X	X	X	X	X	X
stroke=100	W070_1100	X	X	X	X	X	X	X	X	X	X	X	X
stroke=150	W070_1150	X	X	X	X	X	X	X	X	X	X	X	X
stroke=200	W070_1200	X	X	X	X	X	X	X	X	X	X	X	X
stroke=250	W070_1250	X	X	X	X	X	X	X	X	X	X	X	X
stroke=320	W070_1320					X	X	X	X	X	X		X
stroke=400	W070_1400					X	X	X	X	X	X		X
stroke=500	W070_1500					X	X	X	X	X	X		X

## ELEKTRO GUIDE UNITS

GDH



GDM



Description	Code	32	50	63	80	100							
Diameter		032	050	063	80	100							
					Stroke 0	Stroke 0							
					mm	mm							

### GDH: H PROFILE FOR HIGH LOADS (BRONZE GUIDE BUSHING)


stroke=50	W070_2050	342,63	X	X									
stroke=100	W070_2100	345,88	X	X									
stroke=150	W070_2150	352,21	X	X									
stroke=200	W070_2200	354,41	X	X									
stroke=250	W070_2250	356,57	X	X									
stroke=320	W070_2320	364,23	X	X									
stroke=400	W070_2400	367,46	X	X									
stroke=500	W070_2500	376,22	X	X									
GDH pricelist 0 stroke	W070E_2				X	X	X	X					

### GDM: H PROFILE FOR HIGH SPEED (BALL GUIDE BUSHING)


stroke=50	W070_3050	500,51	X	X									
stroke=100	W070_3100	515,96	X	X									
stroke=150	W070_3150	522,64	X	X									
stroke=200	W070_3200	527,08	X	X									
stroke=250	W070_3250	531,54	X	X									
stroke=320	W070_3320	543,38	X	X									
stroke=400	W070_3400	548,13	X	X									
stroke=500	W070_3500	557,02	X	X									
GDM pricelist 0 stroke	W070E_3				X	X	X	X					

## SPARE PARTS


ACTUATORS

Description	Code	012	016	020	025	032	040	050	063	080	100	125	160	200	250	320
<b>SPARE PARTS KITS FOR ISO 15552</b>																
<b>NBR SEALS</b>																
 Complete gaskets kit NBR	009__0502					X	X	X	X	X	X	X				
Complete front head kit NBR	009__0304N					X	X	X	X	X	X	X				
Complete rear head kit NBR	009__0305N					X	X	X	X	X	X	X				
Complete piston kit no magn. NBR	009__0602					X	X	X	X	X	X	X				
Complete head front+rear+pist kit no magn. NBR	009__0702N					X	X	X	X	X	X	X				
Piston rod gaskets kit NBR + seeger	009__1652					X	X	X		X		X				
<b>POLYURETHANE SEALS</b>																
Complete gaskets kit PU	009__0101					X	X	X	X	X	X	X				
Complete gaskets kit TWO FLAT PU	009__0101F					X	X	X	X							
Complete front head kit PU	009__0110N					X	X	X	X	X	X	X				
Complete front head kit TWO FLAT PU	009__0110FN					X	X	X	X							
Complete rear head kit PU	009__0111N					X	X	X	X	X	X	X				
Complete piston kit no magn. PU	009__0604					X	X	X	X	X	X	X				
Complete head front+rear+piston kit no magn. PU	009__0704N					X	X	X	X	X	X	X				
Complete head front+rear+piston kit TWO FLAT no magn PU	009__0704FN					X	X	X	X							
Piston rod gaskets kit PU	009__1651					X	X	X		X		X				
<b>FKM/PPM SEALS</b>																
Complete gaskets kit FKM/PPM	009__0103					X	X	X	X	X	X	X				
Piston rod gasket kit FKM/PPM + seeger	009__1653					X	X	X		X		X				
<b>R (PU + HARD TECNOPOLYMER) SEALS</b>																
Complete front head kit R + PU cush.	009__0122N					X	X	X	X	X	X	X				
<b>M (FKM/PPM + METAL) SEALS</b>																
Complete front head kit M + FKM/PPM cush.	009__0120N						X	X	X	X	X	X				
Magnet	009__0800					X	X	X	X	X	X	X				

### SPARE PARTS FOR ISO 15552 CYLINDERS Ø 160-200 AND Ø 250-320

<b>NBR SEALS</b>																
 Complete gaskets kit NBR	W095__2101												X	X	X	X
Complete front head kit NBR	W095__0104												X	X	X	X
Complete rear head kit NBR	W095__0105												X	X	X	X
Complete piston kit magnetic NBR	W095__2115												X	X		
Complete piston kit non magnetic NBR	W095__2118												X	X		
Complete head front+rear+magnetic piston kit NBR	W095__2119												X	X		
Complete head front+rear+non-magnetic piston kit NBR	W095__2120												X	X		
Piston rod gaskets kit NBR + seeger	W0951602165												X			
<b>FKM/PPM SEALS</b>																
Complete gaskets FKM/PPM	W095__2102												X	X	X	
Piston rod gasket kit FKM/PPM + seeger	W0951602166												X			
<b>R (PU + HARD TECNOPOLYMER) SEALS</b>																
Complete front head kit R + PU cush.	W095__0122												X	X		
<b>M (FKM/PPM + METAL) SEALS</b>																
Complete front head kit M + FKM/PPM cush.	W095__0120												X	X		
Magnet	W095__2300												X	X		

### SPARE PARTS FOR ISO 21287 CYLINDER SERIES LINER

<b>POLYURETHAN SEALS</b>																
 Complete gaskets kit PU	009__L001			X	X	X	X	X	X	X	X					
Piston rod gaskets kit PU	009__7013			X		X		X		X	X					
Front end-cup kit PU	009__L101			X	X	X	X	X	X	X	X					
Rear end-cup kit PU	009__L201			X	X	X	X	X	X	X	X					
Front+rear end-cup +piston kit PU	009__L901			X	X	X	X	X	X	X	X					
Piston kit PU	009__7401			X	X					X	X					
Piston kit PU	009__L401					X	X	X	X							
<b>FKM/PPM SEALS</b>																
Complete gaskets kit FKM/PPM	009__L008			X	X	X	X	X	X	X	X					
Piston rod gasket kit FKM/PPM	009__7014			X		X		X		X	X					
Magnet	009__7501			X	X					X	X					
Magnet	009__L501					X	X	X	X							



Description Diameter	Code	Code												
		012	016	020	025	032	040	050	063	080	100	125	160	200

**SPARE PARTS COMPACT CYLINDERS SERIES CMPC - CCIV**



POLYURETHAN SEALS																				
Front head kit PU UNITOP	009__7101	X	X	X	X	X	X	X	X	X	X	X	X	X						
Front head kit PU ISO	009__8101						X	X	X	X	X	X	X	X						
Front head kit PU UNITOP TWO FLAT	009__7101F						X	X	X	X	X	X	X	X						
Front head kit PU ISO TWO FLAT	009__8101F							X	X	X	X	X	X	X						
Rear head kit PU UNITOP	009__7201	X	X	X	X	X	X	X	X	X	X	X	X	X						
Rear head kit PU ISO	009__8201							X	X	X	X	X	X	X						
Head front+rear+piston kit PU UNITOP	009__7901	X	X	X	X	X	X	X	X	X	X	X	X	X						
Head front+rear+piston kit PU ISO	009__8901							X	X	X	X	X	X	X						
Head front+rear+piston kit PU UNITOP TWO FLAT	009__7901F							X	X	X	X	X	X	X						
Head front+rear+piston kit PU ISO TWO FLAT	009__8901F							X	X	X	X	X	X	X						
Piston kit PU	009__7401	X	X	X	X	X	X	X	X	X	X	X	X	X						
Complete gaskets kit PU	009__7001	X	X	X	X	X	X	X	X	X	X	X	X	X						
Piston rod gaskets kit PU	009__7013	X	X	X				X	X	X	X	X	X	X						
Gaskets kit PU TWO FLAT	009__7001F							X	X	X	X	X	X	X						
FKM/FPM SEALS																				
Complete gaskets kit FKM/FPM	009__7008				X	X	X	X	X	X	X	X	X	X						
Piston rod gaskets kit FKM/FPM	009__7014				X		X		X			X	X							
Magnet	009__7501	X	X	X	X	X	X	X	X	X	X	X	X	X						

**SPARE PARTS STOPPER COMPACT CYLINDERS**



POLYURETHAN SEALS																				
Front head kit PU UNITOP STOPPER	009__7160			X	X	X	X	X			X									
Front head kit PU ISO STOPPER	009__8160						X	X	X			X								
Rear head kit PU UNITOP STOPPER	009__7260						X	X	X			X								
Rear head kit PU ISO STOPPER	009__8260							X	X	X			X							
Head front+rear+piston kit PU UNITOP STOPPER	009__7960			X	X	X	X	X	X			X								
Head front+rear+piston kit PU ISO STOPPER	009__8960							X	X	X			X							
Piston kit PU STOPPER	009__7460				X	X	X	X				X								
Complete set of gaskets PU STOPPER	009__7060			X	X	X	X	X			X									
Magnet	009__7501			X	X	X	X	X			X									

Description Diameter	Code	Code									
		012	016	020	025	032	040	050	063	080	100

**SPARE PARTS KIT FOR SSCY**

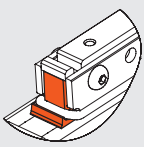
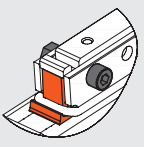
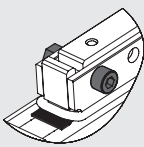


NBR SEALS																				
Complete piston kit NBR	009__0023	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Complete front end-cup kit NBR	009__0011	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Complete rear end-cup kit NBR	009__0015	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Complete front+rear+piston end-cup kit NBR	009__0033																			
Complete gaskets kit NBR	009__0006	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X
Piston rod gasket kit NBR	009__2009	X	X	X							X		X							
Piston rod gasket kit NBR + seeger	009__2009																			Apply to our sales department
POLYURETHAN SEALS																				
Complete piston kit PU	009__0021	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Complete front end-cup kit PU	009__0010	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Complete front+rear end-cup +piston kit PU	009__0031																			
Complete gaskets kit PU	009__0005	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X
Piston rod gasket kit PU	009__2008	X	X	X							X	X	X	X	X	X	X	X	X	X
FKM/FPM SEALS																				
Complete gaskets kit FKM/FKM	009__0007	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Piston rod gasket kit FKM/FPM	009__2010	X	X	X							X		X							
Piston rod gasket kit FKM/FPM + seeger	009__2010																			X
Magnet	009__0001	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X




Description	Code	016	025	032	040	050	063
Diameter							

**SPARE PARTS FOR RODLESS STD. GUIDE "V", WITH BALL RECIRCULATING GUIDE CYLINDERS**

<b>"LAST RELEASE" CYLINDER</b>							
<b>BANDS SUPPORT KIT POS 1 (Y)</b>							
	Bands support kit WHITE	009__5080	X	X	X	X	X
	Bands support kit BLACK	009__5081	X	X	X	X	X
	Bands support kit ORANGE	009__5082	X	X	X	X	X
	Bands support kit LIGHT GREY	009__5083	X	X	X	X	X
	Bands support kit DARK GREY	009__5084	X	X	X	X	X
	Bands support kit YELLOW	009__5085	X	X	X	X	
<b>PISTON KIT POS 2 (X)</b>							
	Piston kit 016 TYPE 0	009__5015	X	X	X	X	X
	Piston kit 016 TYPE 1	009__5016	X	X	X	X	X
	Piston kit 016 TYPE 2	009__5017	X	X	X	X	X
	Piston kit 016 TYPE 3	009__5018	X	X	X	X	X
	Piston kit 025 TYPE A	009__5019		X	X		
<b>BANDS KIT (INNER AND OUTER) POS 8-9</b>							
	...Add stroke and apply to our sales department	009__6...					
<b>"V" GUIDE PLATE KIT POS 11</b>							
	V guide plate kit	009__5060		X	X	X	X
<b>NBR GASKET KIT POS. 3-4-5-6-7-10</b>							
	NBR gaskets kit	009__5022	X	X	X	X	X
<b>FKM/FPM GASKET KIT POS. 3-4-5-6-7-10</b>							
	FKM/FPM gaskets kit	009__5023	X	X	X	X	X
<b>"INTERMEDIATE RELEASE" CYLINDER</b>							
	The following kits are added to the previous one:						
<b>CARRIAGE KIT FOR CYL 270</b>							
	Carriage kit for rodless	009__5053	X	X	X	X	
	<b>SWING CARRIAGE KIT FOR CYL 271</b>						
	Swing carriage kit for rodless	009__5054	X	X	X	X	
<b>DOUBLE CARRIAGE KIT FOR CYL 272</b>							
	Double carriage kit for rodless	009__5055	X	X	X		
<b>HEADS LEFT AND RIGHT KIT 016</b>							
	Head left and right kit 016 for rodless	009__5032	X				
<b>"OLD RELEASE" CYLINDER</b>							
	APPLY TO OUR SALES DEPARTMENTS						

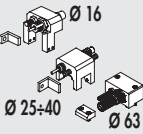
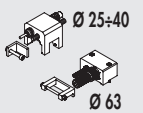


**SPARE PARTS FOR RODLESS CYLINDER SERIES PU**

<b>DUST SCRAPER KIT POS 6</b>							
	Dust scraping kit PU series	009__5025P		X	X	X	X
<b>GASKET KIT POS 3-4-5</b>							
	Gaskets kit - PU series	009__5024P		X	X	X	X
<b>BAR FOR GROOVING KIT (INTERNAL AND EXTERNAL) POS 8-9</b>							
	Gaskets kit - PU series	009__6...P					
<b>PISTON KIT</b>							
	Piston kit - PU series	009__5009P		X	X	X	X
<b>HEADED KIT</b>							
	Headed kit right for rodless - PU series	009__5030P		X	X	X	X
	Headed kit left for rodless - PU series	009__5040P		X	X	X	X
<b>CARRIAGE KIT</b>							
	Carriage kit magnetic for rodless - PU series	009__5053P		X	X	X	X
	Carriage kit not magnetic for rodless - PU series	009__5059P		X	X	X	X
<b>DRIVE PIN KIT</b>							
	Drive pin kit for rodless - PU series	095__4030		X		X	

Description Diameter	Code	Senza stelo	Senza stelo PU	R3	R3 + Deceleratore	Slitte S11 - S12 D16-3'	V-Lock Senza Stelo	V-Lock GD-K	V-Lock S14K	V-Lock Dapik-1/ Dapik-1	V-Lock Dapik-2/ Dapik-2
	Shock absorbers ECO 8 MC-2 + nut M8x1	0950004001				X					
	Shock absorbers ECO 10 MF2 + nut M10x1	0950004002				X					
	Shock absorbers ECO 10 MF3 + nut M10x1	0950004009				X					
	Shock absorbers ECO 15 MF-1 + nut M12x1	0950004003	X				X				
	Shock absorbers ECO 15 MF4 + nut M12x1	0950004010				X					
	Shock absorbers ECO 25 MC2 + nut M14x1.5	0950004004	X	X			X	X			
	Shock absorbers ECO 25 MC4 + nut M14x1.5	0950004008			X						
	Shock absorbers ECO S 25 MC2 corto + nut M14 x 1.5	0950004015			X	X					
	Shock absorbers ECO 50 MC2 + nut M20x1.5	0950004005	X	X	X	X		X			
	Shock absorbers ECO 100 MF2 + nut M25x1.5	0950004006	X	X				X			
	Shock absorbers ECO 125 MF3 + nut M36x1.5	0950004007	X								
	Shock absorbers + nut M8X1 -2	W0950005300								X	
	Shock absorbers + nut M10X1 -2	W0950005301						X		X	X*
	Shock absorbers + nut M14X1.5 -2	W0950005303							X	X	
	Shock absorbers MC1.50EUMH M14x1.5 STD	0950004012									X*
	Shock absorbers MC1.50EUMH2 M14x1.5 MEDIUM HARDNESS	0950004013									X*
Shock absorbers SC190EUM7 M14x1.5 HARD	0950004014									X*	

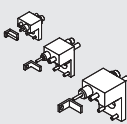
Description Diameter	Code	016	025	032	040	050	063

**RODLESS**

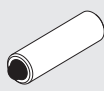
Description	Code	016	025	032	040	050	063
 <b>ADJUSTABLE LIMIT SWITCH AND SHOCK ABSORBERS KIT</b> STD and BALL RECIRCULATING GUIDE limit switch and shock absorbers	095__4002	X	X	X	X		X
 <b>ADJUSTABLE LIMIT SWITCH AND SHOCK ABSORBERS KIT FOR RODLESS CYLINDER WITH GUIDE "V"</b> V GUIDE limit switch and shock absorbers	095__4004		X	X	X		X
 <b>ADJUSTABLE LIMIT SWITCH AND SHOCK ABSORBERS KIT</b> Adjustable limit switch and shock absorbers kit	095__4013		X	X	X	X	
 <b>ADJUSTABLE LIMIT SWITCH AND SHOCK ABSORBERS KIT "V" GUIDE</b> Adjustable limit switch and shock absorbers kit d 50 PU V Guide	095__4014					X	

Description Diameter	Code	V-Lock	V-Lock senza stelo	V-Lock GD-K	V-Lock S14K	V-Lock DAPK

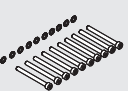

**V-LOCK RODLESS**

 <b>ADJUSTABLE LIMIT SWITCH AND SHOCK ABSORBERS KIT</b> Rodless cylinder limit switch and shock absorbers Ø 16 V-L	0950164002K		X			
Rodless cylinder limit switch and shock absorbers Ø 25 V-L	0950254002K		X			
Rodless cylinder limit switch and shock absorbers Ø 32 V-L	0950324002K		X			







**BUFFERS**

 Buffer M8X1	W0950005400K				X	
Buffer M10X1 + nut	W0950005401K			X	X	
Buffer M14X1.5 + bushing	W0950005402K			X	X	
Buffer M20X1.5 + nut	W0950005403K			X		
Buffer M25X1.5 + nut	W0950005404K			X		
Buffer M10X1	095K2000200K			X		X
Buffer M18X1.5	095K2000210K			X	X	X

**SPARE PARTS V-LOCK**

 <b>SPARE PARTS FIXING ELEMENTS</b> K screw kit	W0950005170K	X				
QS screw kit	W0950005171K	X				
 <b>GASKET SPARE PARTS KIT</b> S14K gasket kit Ø 8	W1472089001K				X	
S14K gasket kit Ø 16	W1472169001K				X	
S14K gasket kit Ø 25	W1472259001K				X	

## SPARE PARTS SERIES CCIV

Description Diameter	Code	Qty	Series CCIV	
<b>PLUG-IN PILOT</b>				
 PLT-10 3/2 NC 0.8W 24VDC LED plug-in with manual	722113541100			X
<b>M8 PILOT</b>				
 PLT-10 3/2 NC 0.8W 24VDC LED M8 with manual	7222M3541100			X
<b>CCIV 5/2 SOLENOID-PNEUMATIC MONOSTABLE VALVE 24 VDC</b>				
 MSV 15 SOS OO 24VDC PLUG-IN 43.3	70800201C2			X
 MSV 15 SOS OO 24VDC M8	70800201CM			X
<b>SILENCER MW SE</b>				
 Silencer MWSE M7	W0970530020	50		X
<b>SILENCED EXHAUST REGULATOR MW SVL</b>				
 Silenced exhaust regulator MW SVL M7	W0970520009			X


## VALVE ASSEMBLY ON CYLINDER


Description	Code	Code	Code	Code	Code
	ISO 155552 TIPO A - SERIE 3	ISO 155552 STD - SERIE 3	ISO 155552 STD - SERIE 3	ISO 155552 STD - TYPE A - SERIE 3	CMPC - CMPC TWO FLAT
	Direct valve assembly on cylinder by t-slot and e fixing plate with commercial screws	Valve assembly on cylinder by bracket KCV series	Kit for fixing valves to brackets, for KCV brackets	Adaptor kit - assembly for ISO 1 and ISO 2	Direct valve assembly on cylinder by t-slot and e fixing plate
MINIMACH	0950003002	0095xxx2090*			0950003000
MACH 11	0950003001				0950003000
MACH 16		0095xxx2090*	0950002003		
SERIES 70 1/8	0950003001	0095xxx2090*	0950002004		0950003000
SERIES 70 1/4	0950003001	0095xxx2090*	0950002004		0950003000
SERIES 70 1/2	0950003001	0095xxx2090*	0950002006		
ISO 1	0950003001	0095xxx2090*		0950002001	
ISO 2	0950003001	0095xxx2090*		0950002002	
		* for prices, please see the table below			

Code	Diameter	MACH 16	SERIES 70 1/8	SERIES 70 1/4	SERIES 70 1/2	ISO 1	ISO 2
0950322090	diam 032	X	X	X		X	X
0950402090	diam 040	X	X	X		X	X
0950502090	diam 050	X	X	X		X	X
0950632090	diam 063	X	X	X		X	X
0950802090	diam 080		X	X	X	X	X
0951002090	diam 100		X	X	X	X	X
0951252090	diam 125		X	X	X	X	X







Description Diameter	Code		GRIPPERS P2 - P4 - P11	GRIPPERS P3-P3K-P12-P12K	ROTARY P2	SLIDE	V-LOCK STAK	V-LOCK GRIPPER
 REED sensor, Ø 4, 2 wires, cable 2.5m Robotics HALL sensor, Ø 4, 3 wires, cable 2.5m Robotics	W0950044180		X	X	X	X (S10-S11 d12 - S13)	X	X (P2K - P4K - GP1K)
	W0950045390		X	X	X		X	

Description Diameter	Code		ISO 6432	ISO 15552 STD	ISO 15552 TYPE A	ISO 15552 SERIES 3	TWNC STD	TWNC SERIES 3	ISO 15552 160-200	RND C	ROTARY R1	INTEGRATED HYDRAULIC BRAKE	ELECTRO ROUND DC
 REED sensor, DSM2-C525 HS HALL sensor, PNP DSM3-N225 HALL sensor, NPN DSM3-M225	W0950000201		X	X	X	X	X	X	X	X	X	X	X
	W0950000222		X	X	X	X	X	X	X	X	X	X	X
	W0950000232		X	X	X	X	X	X	X	X	X	X	X


**SENSOR SERIES DSM**

Description	Code		ISO 6432	ISO 15552 STD	ISO 15552 TYPE A	ISO 15552 SERIES 3	TWNC STD	TWNC SERIES 3	ISO 15552 160-200	RND C	ROTARY R1	INTEGRATED HYDRAULIC BRAKE	ELECTRO ROUND DC
 Bracket D.32-40 DST 80 Bracket D.50-63 DST 81 Bracket D.80-100-125 DST 82	W0950000711			X	X	X	X	X			X	X	
	W0950000712			X	X	X	X	X			X	X	
	W0950000713			X	X	X	X	X			X	X	


**SENSOR SUPPORT BRACKETS FOR SENSORS DSM**

Description	Code		ISO 6432	ISO 15552 STD	ISO 15552 TYPE A	ISO 15552 SERIES 3	TWNC STD	TWNC SERIES 3	ISO 15552 160-200	RND C	ROTARY R1	INTEGRATED HYDRAULIC BRAKE	ELECTRO ROUND DC
 Circclip DXF-36 - 32 Circclip DXF-45 - 40 Circclip DXF-52 - 50	W0950000132									X			X
	W0950000140									X			
	W0950000150									X			

**SENSOR CIRCLIP MOD. DXF**

Description	Code		ISO 6432	ISO 15552 STD	ISO 15552 TYPE A	ISO 15552 SERIES 3	TWNC STD	TWNC SERIES 3	ISO 15552 160-200	RND C	ROTARY R1	INTEGRATED HYDRAULIC BRAKE	ELECTRO ROUND DC
 FOR STAINLESS STEEL BARREL (STD) Circclip DXF-09 - 08 Circclip DXF-11 - 10 Circclip DXF-13 - 12 Circclip DXF-17 - 16 Circclip DXF-21 - 20 Circclip DXF-26 - 25 FOR ALLUMINIUM BARREL (TP) Circclip DXF-12 - 08 Circclip DXF-14 - 10 Circclip DXF-16 - 12 Circclip DXF-20 - 16 Circclip DXF-24 - 20 Circclip DXF-29 - 25	W0950000508		X										
	W0950000510		X										
	W0950000512		X										
	W0950000516		X										
	W0950000520		X										
	W0950000525		X										
	W0950000108		X										
	W0950000110		X										
	W0950000112		X										
	W0950000116		X										
	W0950000120		X										
	W0950000125		X										




**SENSOR CLIP MOD. DXF FOR STAINLESS STEEL BARREL**

Description	Code		ISO 6432	ISO 15552 STD	ISO 15552 TYPE A	ISO 15552 SERIES 3	TWNC STD	TWNC SERIES 3	ISO 15552 160-200	RND C	ROTARY R1	INTEGRATED HYDRAULIC BRAKE	ELECTRO ROUND DC
 FOR STAINLESS STEEL BARREL (STD) Circclip DXF-09 - 08 Circclip DXF-11 - 10 Circclip DXF-13 - 12 Circclip DXF-17 - 16 Circclip DXF-21 - 20 Circclip DXF-26 - 25 FOR ALLUMINIUM BARREL (TP) Circclip DXF-12 - 08 Circclip DXF-14 - 10 Circclip DXF-16 - 12 Circclip DXF-20 - 16 Circclip DXF-24 - 20 Circclip DXF-29 - 25	W0950000508		X										
	W0950000510		X										
	W0950000512		X										
	W0950000516		X										
	W0950000520		X										
	W0950000525		X										
	W0950000108		X										
	W0950000110		X										
	W0950000112		X										
	W0950000116		X										
	W0950000120		X										
	W0950000125		X										





**POSITION SENSOR**

Description Diameter	Code										
			ISO 15552 A TYPE	ISO 15552 3 SERIE	TWNC SERIES 3	ISO 21287 LINER	CMP-C - COV	SWC - SWH	R3 ROTARY CYL	ELEKTRO ISO 15552	
<b>POSITION SENSOR</b>											
<b>LTS POSITION SENSOR</b>											
 LTS-032 position sensor with M8 4-PIN 0.3 m connector	W0950000470		X	X	X	X	X	X	X	X	X
LTS-064 position sensor with M8 4-PIN 0.3 m connector	W0950000471		X	X	X	X	X	X	X	X	X
LTS-096 position sensor with M8 4-PIN 0.3 m connector	W0950000472		X	X	X	X	X	X	X	X	X
LTS-128 position sensor with M8 4-PIN 0.3 m connector	W0950000473		X	X	X	X	X	X	X	X	X
LTS-160 position sensor with M8 4-PIN 0.3 m connector	W0950000474		X	X	X	X	X	X	X	X	X
LTS-192 position sensor with M8 4-PIN 0.3 m connector	W0950000475		X	X	X	X	X	X	X	X	X
LTS-224 position sensor with M8 4-PIN 0.3 m connector	W0950000476		X	X	X	X	X	X	X	X	X
LTS-256 position sensor with M8 4-PIN 0.3 m connector	W0950000477		X	X	X	X	X	X	X	X	X
<b>LTL POSITION SENSOR</b>											
 LTL-287 position sensor with M8 4-PIN 0.3 m connector	W0950000478		X								X
LTL-359 position sensor with M8 4-PIN 0.3 m connector	W0950000479		X								X
LTL-431 position sensor with M8 4-PIN 0.3 m connector	W0950000480		X								X
LTL-503 position sensor with M8 4-PIN 0.3 m connector	W0950000481		X								X
<b>LTE POSITION SENSOR</b>											
 LTE-150 position sensor ONPP-A-S-0150-N	W0950000482*		X								
LTE-200 position sensor ONPP-A-S-0200-N	W0950000483*		X								
LTE-250 position sensor ONPP-A-S-0250-N	W0950000484*		X								
LTE-300 position sensor ONPP-A-S-0300-N	W0950000485*		X								
LTE-350 position sensor ONPP-A-S-0350-N	W0950000486*		X								
LTE-400 position sensor ONPP-A-S-0400-N	W0950000487*		X								
LTE-450 position sensor ONPP-A-S-0450-N	W0950000488*		X								
LTE-500 position sensor ONPP-A-S-0500-N	W0950000489*		X								
* running out codes											

**ACCESSORIES FOR LTS / LTL / LTE POSITION SENSORS**

**STRAIGHT M8 CONNECTORS**

M8 4-pin connector - female, straight L = 2 m	0240009100		X	X	X	X	X	X	X	X	X
M8 4-pin connector - female, straight L = 5 m	0240009101		X	X	X	X	X	X	X	X	X
<b>90° M8 CONNECTORS</b>											
M8 4-pin connector - female, 90° angle L = 2 m	0240009102		X	X	X	X	X	X	X	X	X
M8 4-pin connector - female, 90° angle L = 5 m	0240009103		X	X	X	X	X	X	X	X	X

**ACCESSORIES ONLY FOR LTL POSITION SENSOR**

**T-SLOT BRACKET**

Bracket for mounting LTL on cylinder with T-slot	W0950000721		X								X
<b>SLOTTED FIXING PLATE WITH INSERTION FROM ABOVE</b>											
M4 T-slotted fixing plate	0950003001		X								X

**ACCESSORIES ONLY FOR LTE POSITION SENSOR**

**SLOTTED FIXING PLATE WITH INSERTION FROM ABOVE**

M4 T-slotted fixing plate + screws M4x14	W0950000469		X								
--	-------------	--	---	--	--	--	--	--	--	--	--

**ACCESSORIES**

Code	Description	Code	Description	Code	Description
<b>SENSOR TESTER</b>					
W0950060000	Sensor tester				
<b>T-SLOT ACCESSORIES</b>					
<b>BAR FOR GROOVING</b>					
W0950000160	Bar for grooving L = 500 mm				



	"MINIVALVES, MECHANICALLY AND HAND OPERATED SERIES VME"	76		"EB 80"	87
	"VALVES SERIES PEV PEDAL OPERATED"	76		"HDM - MULTIMACH"	91
	"TWO HAND SAFETY VALVE SERIES SAFE AIR"	76		HDM + MULTI-POLE CONNECTION HDM + AS-Interface HDM + PROFIBUS-DP HDM + EthNet/IP HDM + CANopen HDM + B&R HDM	
	"VALVES SERIES 70" "VALVES SERIES 70 ON BASE"	77 79		"CM - MULTIMACH"	93
	"VALVES NAMUR"	79		CM + MULTI-POLE CONNECTION CM + Profinet IO CM + EtherCAT CM + EthNet/IP CM + CANopen	
	"VALVES SERIES BASIC"	79		"MM - MULTIMACH"	95
	"10-mm SOLENOID VALVES SERIES PLT-10" "BASES FOR PLT-10 MULTIPLE CONNECTION"	80 80		MULTIMACH + B&R	
	"SOLENOID VALVES PIV.M 15 mm" "PIV VALVES ON BASE" "PIV VALVES IN LINE"	80 81 81		"PROFIBUS-DP FOR MULTIMACH AND FOR PLT-10 MULTIPLE CONNECTION"	96
	"CNOMO SOLENOID VALVE"	81		"INPUT/OUTPUT PROFIBUS-DP IP 67 M12" "FIELDBUS INPUT PROFIBUS-DP IP67 M8"	96 96
	"MINIMACH VALVES"	82		"MULTIPLE-FLUID PROCESS VALVES"	97
	"MACH11 VALVES"	82		"COILS AND CONNECTORS"	100
	"MACH16 VALVES"	83		"ACCESSORIES VALVES"	102
	"MULTIPLE CONNECTORS MACH 16" "MODULAR MULTIPLE CONNECTOR KIT"	83 84		"ACCESSORIES EB80 MODULE"	105
	"REDUCER WITH GAUGE FOR VALVES, SERIES RMV"	84		"ACCESSORIES HDM - CM - MM"	108
	"VALVES TO ISO 15407-1/ VDMA 24563-02 SERIES MACH 18"	84		"ACCESSORIES RV-FLUID"	111
	"VALVES ISO 5599/1 SERIES IPV-ISV"	85		"MANIFOLD BASES"	112
	"SANDWICH REGULATORS FOR ISO 5599/1 BASES ISO1-2"	85		"SPARE PARTS VALVES"	116
	"VALVES SERIES 70 SAFE AIR®" "VALVES ISO 5599/1 SERIES SAFE AIR®"	86 86		"SPARE PARTS EB80 MODULE"	117
				"SPARE PARTS HDM - CM - MM"	118
				"SPARE PARTS R4 - RV-FLUID"	118
				"VALVES TABLE"	119



## VALVES SERIES 70

### Code Description

**VALVES SERIES 70, MECHANICALLY OPERATED**



#### Valves series 70, mechanically operated, 1/8"

##### Plunger

7001000100	MEV 23 TAS NC - 3/2
7001000110	MEV 25 TAS OO - 5/2

##### Roller lever

7001000500	MEV 23 BRS NC - 3/2
7001000510	MEV 25 BRS OO - 5/2

##### Unidirectional roller

7001000600	MEV 23 URS NC - 3/2
7001000610	MEV 25 URS OO - 5/2

##### Pilot-assisted plunger

7001000200	MEV 23 TSS NC - 3/2
7001000210	MEV 25 TSS OO - 5/2

##### Pilot-assisted roller lever

7001000400	MEV 23 RSS NC - 3/2
7001000410	MEV 25 RSS OO - 5/2

##### Pilot-assisted aerial

7001000700	MEV 23 ASS NC - 3/2
7001000710	MEV 25 ASS OO - 5/2

##### Roller-lever

7001000900	MEV 23 LLS NC - 3/2
7001000910	MEV 25 LLS OO - 5/2

### VALVES SERIES 70, PNEUMATIC



#### Valves series 70, pneumatic, 1/8"

##### Monostable

7010010400	PNV 23 PNS NO - 3/2
7010010200	PNV 23 PNS NC - 3/2
7010011100	PNV 25 PNS OO - 5/2
7010012100	PNV 26 PNS CC - 5/3
7010012200	PNV 26 PNS OC - 5/3
7010012300	PNV 26 PNS PC - 5/3

##### Bistable

7010010100	PNV 23 PNB OO - 3/2
7010011200	PNV 25 PNB OO - 5/2
7010011300	PNV 25 PND OO - 5/2

##### Double

7010013100	PNV 28 PNS NC
7010013200	PNV 28 PNS NO
7010013300	PNV 28 PNS NC-NO

#### Valves series 70, pneumatic, 1/4"

##### Monostable

7020010400	PNV 33 PNS NO - 3/2
7020010200	PNV 33 PNS NC - 3/2
7020011100	PNV 35 PNS OO - 5/2
7020012100	PNV 36 PNS CC - 5/3
7020012200	PNV 36 PNS OC - 5/3
7020012300	PNV 36 PNS PC - 5/3

##### Bistable

7020010100	PNV 33 PNB OO - 3/2
7020011200	PNV 35 PNB OO - 5/2
7020011300	PNV 35 PND OO - 5/2

##### Double

7020013100	PNV 38 PNS NC
7020013200	PNV 38 PNS NO
7020013300	PNV 38 PNS NC-NO

### Code Description

#### Valves series 70, pneumatic, 3/8"

##### Monostable

7040010400	PNV C3 PNS NO - 3/2
7040010200	PNV C3 PNS NC - 3/2
7040011100	PNV C5 PNS OO - 5/2
7040012100	PNV C6 PNS CC - 5/3
7040012200	PNV C6 PNS OC - 5/3
7040012300	PNV C6 PNS PC - 5/3

##### Bistable

7040010100	PNV C3 PNB OO - 3/2
7040011200	PNV C5 PNB OO - 5/2
7040011300	PNV C5 PND OO - 5/2

#### Valves series 70, pneumatic, 1/2"

##### Monostable

7030010400	PNV 43 PNS NO - 3/2
7030010200	PNV 43 PNS NC - 3/2
7030011100	PNV 45 PNS OO - 5/2
7030012100	PNV 46 PNS CC - 5/3
7030012200	PNV 46 PNS OC - 5/3
7030012300	PNV 46 PNS PC - 5/3

##### Bistable

7030010100	PNV 43 PNB OO - 3/2
7030011200	PNV 45 PNB OO - 5/2
7030011300	PNV 45 PND OO - 5/2

### VALVES SERIES 70 PNEUMATIC LT LOW TEMPERATURE



#### Bistable 3/2 1/8"

70L1010100	PNV 23 PNB OO LT
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#### Bistable 5/2 1/8"

70L1011200	PNV 25 PNB OO LT
------------	------------------

#### Bistable 3/2 1/4"

70L2010100	PNV 33 PNB OO LT
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#### Bistable 5/2 1/4"

70L2011200	PNV 35 PNB OO LT
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### VALVES SERIES 70 HAND OPERATED



#### Valves series 70, hand operated, 1/8"

##### 90° Angular lever

7010000100	MAV 23 LES NC - 3/2
7010000200	MAV 23 LEB OO - 3/2
7010000300	MAV 25 LES OO - 5/2
7010000400	MAV 25 LEB OO - 5/2
70100001000	MAV 26 LES CC - 5/3
7010000900	MAV 26 LES OC - 5/3
70100001100	MAV 26 LES PC - 5/3
7010000500	MAV 26 LEO CC - 5/3
7010000600	MAV 26 LEO OC - 5/3
7010000700	MAV 26 LEO PC - 5/3

##### Front lever

7010001400	MAV 23 VLB OO - 3/2
7010001700	MAV 25 VLB OO - 5/2
7010001150	MAV 28 VLO OC - 5/2
7010001160	MAV 28 VLS OC - 5/2

##### Drawer

7010001300	MAV 23 PPB OO - 3/2
7010001200	MAV 23 PPS NC - 3/2
7010001500	MAV 25 PPS OO - 5/2
7010001600	MAV 25 PPB OO - 5/2

### Code Description

#### Puntale servopilotato per attuatori a pannello

7010001800	MAV 23 BRE NC - 3/2
7010001900	MAV 25 BRE OO - 5/2

#### Valves series 70, hand operated, 1/4"

##### 90° Angular lever

7020000100	MAV 33 LES NC - 3/2
7020000200	MAV 33 LEB OO - 3/2
7020000300	MAV 35 LES OO - 5/2
7020000400	MAV 35 LEB OO - 5/2
7020001000	MAV 36 LES CC - 5/3
7020000900	MAV 36 LES OC - 5/3
7020001100	MAV 36 LES PC - 5/3
7020000500	MAV 36 LEO CC - 5/3
7020000600	MAV 36 LEO OC - 5/3
7020000700	MAV 36 LEO PC - 5/3

##### Front lever

7020001400	MAV 33 VLB OO - 3/2
7020001700	MAV 35 VLB OO - 5/2

#### Valves series 70, hand operated, 1/2"

##### 90° Angular lever

7030000100	MAV 43 LES NC - 3/2
7030000200	MAV 43 LEB OO - 3/2
7030000300	MAV 45 LES OO - 5/2
7030000400	MAV 45 LEB OO - 5/2
70300001000	MAV 46 LES CC - 5/3
7030000900	MAV 46 LES OC - 5/3
70300001100	MAV 46 LES PC - 5/3
7030000500	MAV 46 LEO CC - 5/3
7030000600	MAV 46 LEO OC - 5/3
7030000700	MAV 46 LEO PC - 5/3

### VALVES SERIES 70 HAND OPERATED LT LOW TEMPERATURE



#### 90° lever 3/2 1/8"

70L1000100	MAV 23 LES NC LT
70L1000200	MAV 23 LEB OO LT

#### 90° lever 5/2 1/8"

70L1000300	MAV 25 LES OO LT
70L1000400	MAV 25 LEB OO LT

#### 90° lever 5/2 1/4"

70L1000500	MAV 26 LEO CC LT
70L1000600	MAV 26 LEO OC LT
70L1000700	MAV 26 LEO PC LT
70L1000900	MAV 26 LES OC LT
70L1001000	MAV 26 LES CC LT
70L1001100	MAV 26 LES PC LT

#### 90° lever 3/2 1/4"

70L2000100	MAV 33 LES NC LT
70L2000200	MAV 33 LEB OO LT

#### 90° lever 5/2 1/4"

70L2000300	MAV 35 LES OO LT
70L2000400	MAV 35 LEB OO LT

#### 90° lever 5/3 1/4"

70L2000500	MAV 36 LEO CC LT
70L2000600	MAV 36 LEO OC LT
70L2000700	MAV 36 LEO PC LT
70L2000900	MAV 36 LES OC LT
70L2001000	MAV 36 LES CC LT
70L2001100	MAV 36 LES PC LT

**Code Description**  
**VALVES SERIES 70, SOLENOID/PNEUMATIC**



**Valves series 70, solenoid/pneumatic-pilot-assisted solenoid/pneumatic, 1/8"**

Monostable	
7010020400	SOV 23 SOS NO - 3/2
7010020200	SOV 23 SOS NC - 3/2
7010020500	SOV 23 SES NC - 3/2
7010021100	SOV 25 SOS OO - 5/2
7010021500	SOV 25 SES OO - 5/2
7010022100	SOV 26 SOS CC - 5/3
7010022200	SOV 26 SOS OC - 5/3
7010022300	SOV 26 SOS PC - 5/3
7010022400	SOV 26 SES CC - 5/3
7010022500	SOV 26 SES OC - 5/3
7010022600	SOV 26 SES PC - 5/3

Bistable	
7010020100	SOV 23 SOB OO - 3/2
7010020300	SOV 23 SEB OO - 3/2
7010021200	SOV 25 SOB OO - 5/2
7010021300	SOV 25 SOD OO - 5/2
7010021600	SOV 25 SEB OO - 5/2

Double	
7010023100	SOV 28 SOS NC
7010023200	SOV 28 SOS NO
7010023300	SOV 28 SOS NC-NO
7010023400	SOV 28 SES NC
7010023500	SOV 28 SES NO
7010023600	SOV 28 SES NC-NO

**Valves series 70, solenoid/pneumatic pneumatic pilot-assisted solenoid/ pneumatic, 1/4"**

Monostable	
7020020400	SOV 33 SOS NO - 3/2
7020020200	SOV 33 SOS NC - 3/2
7020020500	SOV 33 SES NC - 3/2
7020021100	SOV 35 SOS OO - 5/2
7020021500	SOV 35 SES OO - 5/2
7020022100	SOV 36 SOS CC - 5/3
7020022200	SOV 36 SOS OC - 5/3
7020022300	SOV 36 SOS PC - 5/3
7020022400	SOV 36 SES CC - 5/3
7020022500	SOV 36 SES OC - 5/3
7020022600	SOV 36 SES PC - 5/3

Bistable	
7020020100	SOV 33 SOB OO - 3/2
7020020300	SOV 33 SEB OO - 3/2
7020021200	SOV 35 SOB OO - 5/2
7020021300	SOV 35 SOD OO - 5/2
7020021600	SOV 35 SEB OO - 5/2

Double	
7020023100	SOV 38 SOS NC
7020023200	SOV 38 SOS NO
7020023300	SOV 38 SOS NC-NO
7020023400	SOV 38 SES NC
7020023500	SOV 38 SES NO
7020023600	SOV 38 SES NC-NO

**Code Description**  
**Valves series 70, solenoid/pneumatic pneumatic pilot-assisted solenoid/ pneumatic, 3/8"**

Monostable	
7040020400	SOV C3 SOS NO - 3/2
7040020600	SOV C3 SES NO - 3/2
7040020200	SOV C3 SOS NC - 3/2
7040020500	SOV C3 SES NC - 3/2
7040021100	SOV C5 SOS OO - 5/2
7040021500	SOV C5 SES OO - 5/2
7040022100	SOV C6 SOS CC - 5/3
7040022200	SOV C6 SOS OC - 5/3
7040022300	SOV C6 SOS PC - 5/3
7040022400	SOV C6 SES CC - 5/3
7040022500	SOV C6 SES OC - 5/3
7040022600	SOV C6 SES PC - 5/3

Bistable	
7040020100	SOV C3 SOB OO - 3/2
7040020300	SOV C3 SEB OO - 3/2
7040021200	SOV C5 SOB OO - 5/2
7040021300	SOV C5 SOD OO - 5/2
7040021600	SOV C5 SEB OO - 5/2

**Valves series 70, solenoid/pneumatic pneumatic pilot-assisted solenoid/ pneumatic, 1/2"**

Monostable	
7030020400	SOV 43 SOS NO - 3/2
7030020200	SOV 43 SOS NC - 3/2
7030020500	SOV 43 SES NC - 3/2
7030021100	SOV 45 SOS OO - 5/2
7030021500	SOV 45 SES OO - 5/2
7030022100	SOV 46 SOS CC - 5/3
7030022200	SOV 46 SOS OC - 5/3
7030022300	SOV 46 SOS PC - 5/3
7030022400	SOV 46 SES CC - 5/3
7030022500	SOV 46 SES OC - 5/3
7030022600	SOV 46 SES PC - 5/3

Bistable	
7030020100	SOV 43 SOB OO - 3/2
7030020300	SOV 43 SEB OO - 3/2
7030021200	SOV 45 SOB OO - 5/2
7030021300	SOV 45 SOD OO - 5/2
7030021600	SOV 45 SEB OO - 5/2
7030021700	SOV 45 SED OO

**Code Description**  
**VALVES SERIES 70 SOLENOID/PNEUMATIC LT LOW TEMPERATURE**



Monostable 3/2 NO 1/8"	
70L1020400	SOV 23 SOS NO LT

Monostable 3/2 NC 1/8"	
70L1020200	SOV 23 SOS NC LT

Monostable 5/2 NO 1/8"	
70L1021100	SOV 25 SOS OO LT

Bistable 5/2 1/8"	
70L1021200	SOV 25 SOB OO LT

Bistable 3/2 1/8"	
70L1020100	SOV 23 SOB OO LT

Bistable 3/2 NO 1/4"	
70L2020400	SOV 33 SOS NO LT

Monostable 3/2 NC 1/4"	
70L2020200	SOV 33 SOS NC LT

Monostable 5/2 1/4"	
70L2021100	SOV 35 SOS OO LT

Bistable 5/2 1/4"	
70L2021200	SOV 35 SOB OO LT

Bistable 3/2 1/4"	
70L2020100	SOV 33 SOB OO LT


**LINK FOR VALVES SERIES 70 PNV-SOV, AND SERIES BASIC**


- "ACCESSORIES VALVES" PAGE 102
- "COILS AND CONNECTORS" PAGE 100
- "MANIFOLD BASES" PAGE 112






## 10-mm SOLENOID VALVES SERIES PLT-10




Code	Description
<b>PLT-10 WITH BASE AND CONNECTION ON THE SAME SIDE</b>	
	
722113330000	PLT 10 12VDC 0.7W
722113330100	PLT 10 12VDC 0.7W man
722113340000	PLT 10 24VDC 0.7W
722113340100	PLT 10 24VDC 0.7W man
722113531000	PLT 10 12 VDC 0.8W with LED
722113531100	PLT 10 12 VDC 0.8W with LED man
722113541000	PLT 10 24 VDC 0.8W with LED
722113541100	PLT 10 24 VDC 0.8W with LED man
722116841000	PLT 10 24 VDC 3/0.3 W with SPEED-UP e LED
722116841100	PLT 10 24 VDC 3/0.3 W with SPEED-UP e LED man
722116941000	PLT 10 24 VDC 4.2/0.7 W with SPEED-UP e LED
722116941100	PLT 10 24 VDC 4.2/0.7 W with SPEED-UP e LED man

Code	Description
<b>PLT-10 WITH BASE AND PLUG-IN CONNECTION ON OPPOSITE SIDE</b>	
	
722213330000	PLT 10 12VDC 0.7W
722213330100	PLT 10 12VDC 0.7W man
722213340000	PLT 10 24VDC 0.7W
722213340100	PLT 10 24VDC 0.7W man
722213531000	PLT 10 12 VDC 0.8W with LED
722213531100	PLT 10 12 VDC 0.8W with LED man
722213541000	PLT 10 24 VDC 0.8W with LED
722213541100	PLT 10 24 VDC 0.8W with LED man
722216841000	PLT 10 24 VDC 3/0.3 W with SPEED-UP e LED
722216841100	PLT 10 24 VDC 3/0.3 W with SPEED-UP e LED man
722216941000	PLT 10 24 VDC 4.2/0.7 W with SPEED-UP e LED
722216941100	PLT 10 24 VDC 4.2/0.7 W with SPEED-UP e LED man

Code	Description
<b>PLT-10 WITH BASE AND M8 CONNECTION ON OPPOSITE SIDE</b>	
	
7222M3541000	PLT 10 - M8 24VDC 0.8W with LED
7222M3541100	PLT 10 - M8 24VDC 0.8W with LED man
7222M6941000	PLT 10 - M8 24VDC 4.2/0.7 W with SPEED-UP and LED
7222M6941100	PLT 10 - M8 24VDC 4.2/0.7 W with SPEED-UP and LED man

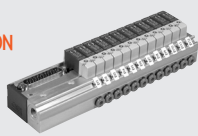
VALVES

### LINK FOR 10-mm SOLENOID VALVES SERIES PLT-10

- "ACCESSORIES VALVES" PAGE 102 
- "MANIFOLD BASES" PAGE 112 
- "SPARE PARTS VALVES" PAGE 116 


## BASES FOR PLT-10 MULTIPLE CONNESSION

**BASES 9 AND 25 PINS FOR PLT-10 MULTIPLE CONNECTION**




0210040004	4-posn. base PLT 10 9-PIN mult conn.	73,38
0210040008	8-posn. base PLT 10 9-PIN mult conn.	92,33
0210240004	4-posn. base PLT 10 25-PIN mult conn.	85,64
0210240008	8-posn. base PLT 10 25-PIN mult conn.	111,89
0210240012	12-posn. base PLT 10 25-PIN mult conn.	138,23
0210240016	16-posn. base PLT 10 25-PIN mult conn.	163,81
0210240020	20-posn. base PLT 10 25-PIN mult conn.	189,68
0210240024	24-posn. base PLT 10 25-PIN mult conn.	215,60

**PLT-10 NC FOR MULTIPLE ELECTRIC CONNECTION**



722123330000	PLT 10 12VDC 0.7W	12,04
722123330100	PLT 10 12VDC 0.7W man	14,61
722123340000	PLT 10 24VDC 0.7W	12,04
722123340100	PLT 10 24VDC 0.7W man	14,61
722123531000	PLT 10 12 VDC 0.8W with LED	17,28
722123531100	PLT 10 12 VDC 0.8W with LED man	19,85
722123541000	PLT 10 24 VDC 0.8W with LED	17,28
722123541100	PLT 10 24 VDC 0.8W with LED man	19,85
722126841000	PLT 10 24 VDC 3/0.3 W with SPEED-UP e LED	21,47
722126841100	PLT 10 24 VDC 3/0.3 W with SPEED-UP e LED man	23,98
722126941000	PLT 10 24 VDC 4.2/0.7 W with SPEED-UP e LED	21,47
722126941100	PLT 10 24 VDC 4.2/0.7 W with SPEED-UP e LED man	23,98

**PLT-10 NO FOR MULTIPLE ELECTRIC CONNECTION**




722126841010	PLT 10 24 VDC 3/0.7 W with SPEED-UP and LED	27,12
722126841110	PLT 10 24 VDC 3/0.7 W with SPEED-UP and LED man	29,65

### LINK FOR BASES FOR PLT-10 MULTIPLE CONNESSION

- "ACCESSORIES VALVES" PAGE 102 
- "SPARE PARTS VALVES" PAGE 116 

## SOLENOID VALVES PIV.M 15 MM

**PIV.M STD**



W4015001000	PIV33M01 NC	23,37
W4015001010	PIV33M03 NC	26,43
W4015001020	PIV33M05 NC	38,40
W4015001030	PIV33M07 NC	38,40
W4015001100	PIV63M01 NC	38,40
W4015001110	PIV63M03 NC	38,40
W4015001120	PIV63M05 NC	38,40
W4015001130	PIV63M07 NC	38,40

W4015002000	PIV13M01 NO	38,40
W4015002010	PIV13M03 NO	38,40
W4015002020	PIV13M05 NO	38,40
W4015002030	PIV13M07 NO	38,40
<b>Multiple base for PIV.M</b>		
W0400101001	Single base B5001 1 pos. PIV M	10,61
W0400101002	Multiple bases B5002 2 pos. PIV M	17,07
W0400101003	Multiple bases B5003 3 pos. PIV M	25,47
W0400101004	Multiple bases B5004 4 pos. PIV M	33,94
W0400101005	Multiple bases B5005 5 pos. PIV M	42,29
W0400101006	Multiple bases B5006 6 pos. PIV M	50,75
W0400101007	Multiple bases B5007 7 pos. PIV M	59,18
W0400101008	Multiple bases B5008 8 pos. PIV M	67,62
W0400101009	Multiple bases B5009 9 pos. PIV M	76,06
W0400101010	Multiple bases B5010 10 pos. PIV M	84,48

<b>End plug - unused position</b>	
W0400102000	End plug 7,29
<b>End plug - port 1</b>	
W0400102002	End plug - port 1 1,71

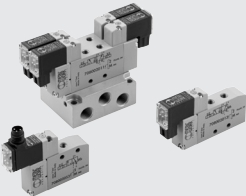
### LINK FOR SOLENOID VALVES PIV.M 15 mm

- "COILS AND CONNECTORS" PAGE 100 





## MINIMACH VALVES

Code	Description	Code	Description	Code	Description
		<b>Bistable</b>			
		7080020112	MSV 05 SOB OO 24VDC - 5/2 PLUG-IN		
		708002011M	MSV 05 SOB OO 24VDC - 5/2 M8		
<b>Monostable</b>					
7080020532	MSV 03 SOS NC 24VDC - 3/2 PLUG-IN				
708002053M	MSV 03 SOS NC 24VDC - 3/2 M8				
7080020632	MSV 03 SOS NO 24VDC - 3/2 PLUG-IN				
708002063M	MSV 03 SOS NO 24VDC - 3/2 M8				
7080020132	MSV 05 SOS OO 24VDC - 5/2 PLUG-IN				
708002013M	MSV 05 SOS OO 24VDC - 5/2 M8				
7080020212	MSV 06 SOS CC 24VDC - 5/3 PLUG-IN				
708002021M	MSV 06 SOS CC 24VDC - 5/3 M8				
7080020312	MSV 06 SOS OC 24VDC - 5/3 PLUG-IN				
708002031M	MSV 06 SOS OC 24VDC - 5/3 M8				
7080020412	MSV 06 SOS PC 24VDC - 5/3 PLUG-IN				
708002041M	MSV 06 SOS PC 24VDC - 5/3 M8				

VALVES

## LINK FOR MINIMACH VALVES

"ACCESSORIES VALVES" PAGE 102

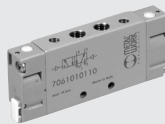
"COILS AND CONNECTORS" PAGE 100

"SPARE PARTS VALVES" PAGE 116



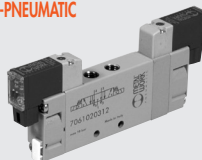
## MACH 1 VALVES

MACH 11 VALVES, PNEUMATIC



<b>Monostable</b>	
7061010130	MPV 15 PNS OO - 5/2
7061010210	MPV 16 PNS CC - 5/3
7061010310	MPV 16 PNS OC - 5/3
7061010410	MPV 16 PNS PC - 5/3
<b>Bistable</b>	
7061010110	MPV 15 PNB OO - 5/2

MACH 11 VALVES, SOLENOID-PNEUMATIC



<b>Monostable</b>	
7061020132	MSV 15 SOS OO 24VDC - 5/2 PLUG-IN
706102013M	MSV 15 SOS OO 24VDC - 5/2 M8
7061030132	MSV 15 SES OO 24VDC - 5/2 PLUG-IN
706103013M	MSV 15 SES OO 24VDC - 5/2 M8
7061020212	MSV 16 SOS CC 24VDC - 5/3 PLUG-IN
706102021M	MSV 16 SOS CC 24VDC - 5/3 M8
7061020312	MSV 16 SOS OC 24VDC - 5/3 PLUG-IN
706102031M	MSV 16 SOS OC 24VDC - 5/3 M8

7061020412	MSV 16 SOS PC 24VDC - 5/3 PLUG-IN
706102041M	MSV 16 SOS PC 24VDC - 5/3 M8
7061030212	MSV 16 SES CC 24VDC - 5/3 PLUG-IN
706103021M	MSV 16 SES CC 24VDC - 5/3 M8
7061030312	MSV 16 SES OC 24VDC - 5/3 PLUG-IN
706103031M	MSV 16 SES OC 24VDC - 5/3 M8
7061030412	MSV 16 SES PC 24VDC - 5/3 PLUG-IN
706103041M	MSV 16 SES PC 24VDC - 5/3 M8

<b>Bistable</b>	
7061020112	MSV 15 SOB OO 24VDC - 5/2 PLUG-IN
706102011M	MSV 15 SOB OO 24VDC - 5/2 M8
7061030112	MSV 15 SEB OO 24VDC - 5/2 PLUG-IN
706103011M	MSV 15 SEB OO 24VDC - 5/2 M8

## LINK FOR MACH 1 VALVES

"ACCESSORIES VALVES" PAGE 102

"MANIFOLD BASES" PAGE 112

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## MODULAR MULTIPLE CONNECTOR KIT

### Code Description

**MAIN KIT - VERSION WITH CONNECTOR**



0226500401	Connect. PPO 08 04 24VDC
0226510401	Connect. PPO 08 04 24VAC
0226500601	Connect. PPO 08 06 24VDC
0226510601	Connect. PPO 08 06 24VAC
0226500801	Connect. PPO 08 08 24VDC
0226510801	Connect. PPO 08 08 24VAC
0226501001	Connect. PPO 08 10 24VDC
0226511001	Connect. PPO 08 10 24VAC
0226501201	Connect. PPO 08 12 24VDC
0226511201	Connect. PPO 08 12 24VAC

### Code Description

**MAIN MULTIPLE PRE-WIRED CONNECTION KIT**



0226400401	Connect. PP5 08 04 24VDC
0226410401	Connect. PP5 08 04 24VAC
0226400601	Connect. PP5 08 06 24VDC
0226410601	Connect. PP5 08 06 24VAC
0226400801	Connect. PP5 08 08 24VDC
0226410801	Connect. PP5 08 08 24VAC
0226401001	Connect. PP5 08 10 24VDC
0226411001	Connect. PP5 08 10 24VAC
0226401201	Connect. PP5 08 12 24VDC
0226411201	Connect. PP5 08 12 24VAC

### Code Description

**SECONDARY KIT**



0226200401	Connect. SOO 08 04 24VDC
0226210401	Connect. SOO 08 04 24VAC
0226200601	Connect. SOO 08 06 24VDC
0226210601	Connect. SOO 08 06 24VAC
0226200801	Connect. SOO 08 08 24VDC
0226210801	Connect. SOO 08 08 24VAC

### ADDITIONAL SECONDARY KIT



0226300401	Connect. SAO 08 04 24VDC
0226310401	Connect. SAO 08 04 24VAC
0226300601	Connect. SAO 08 06 24VDC
0226310601	Connect. SAO 08 06 24VAC
0226300801	Connect. SAO 08 08 24VDC
0226310801	Connect. SAO 08 08 24VAC

VALVES

## REDUCER WITH GAUGE FOR VALVES, SERIES RMV



9061601 Mini-reducer with gauge for RMV series valves

## VALVES TO ISO 15407-1/ VDMA 24563-02 SERIES MACH 18

### MACH 18 ISO 15407-1/VDMA 24563-02 MPV PNEUMATIC



Monostable	
7063010130	MPV D5 PNS OO - 5/2
7063010210	MPV D6 PNS CC - 5/3
7063010310	MPV D6 PNS OC - 5/3
7063010410	MPV D6 PNS PC - 5/3
Bistable	
7063010110	MPV D5 PNB OO - 5/2

### MACH 18 ISO 15407-1/VDMA 24563-02 SOLENOID/PNEUMATIC MSV



Monostable	
7063020132	MSV D5 SOS OO 24VDC - 5/2
7063020133	MSV D5 SOS OO 24VAC - 5/2
7063020134	MSV D5 SOS OO 110VAC - 5/2
7063020135	MSV D5 SOS OO 220VAC - 5/2
7063030132	MSV D5 SES OO 24VDC - 5/2
7063030133	MSV D5 SES OO 24VAC - 5/2
7063030134	MSV D5 SES OO 110VAC - 5/2
7063030135	MSV D5 SES OO 220VAC - 5/2
7063020212	MSV D6 SOS CC 24VDC - 5/3
7063020213	MSV D6 SOS CC 24VAC - 5/3
7063020214	MSV D6 SOS CC 110VAC - 5/3
7063020215	MSV D6 SOS CC 220VAC - 5/3
7063020312	MSV D6 SOS OC 24VDC - 5/3
7063020313	MSV D6 SOS OC 24VAC - 5/3
7063020314	MSV D6 SOS OC 110VAC - 5/3
7063020315	MSV D6 SOS OC 220VAC - 5/3

7063020412	MSV D6 SOS PC 24VDC - 5/3
7063020413	MSV D6 SOS PC 24VAC - 5/3
7063020414	MSV D6 SOS PC 110VAC - 5/3
7063020415	MSV D6 SOS PC 220VAC - 5/3
7063030212	MSV D6 SES CC 24VDC - 5/3
7063030213	MSV D6 SES CC 24VAC - 5/3
7063030214	MSV D6 SES CC 110VAC - 5/3
7063030215	MSV D6 SES CC 220VAC - 5/3
7063030312	MSV D6 SES OC 24VDC - 5/3
7063030313	MSV D6 SES OC 24VAC - 5/3
7063030314	MSV D6 SES OC 110VAC - 5/3
7063030315	MSV D6 SES OC 220VAC - 5/3
7063030412	MSV D6 SES PC 24VDC - 5/3
7063030413	MSV D6 SES PC 24VAC - 5/3
7063030414	MSV D6 SES PC 110VAC - 5/3
7063030415	MSV D6 SES PC 220VAC - 5/3
Bistable	
7063020112	MSV D5 SOB OO 24VDC - 5/2
7063020113	MSV D5 SOB OO 24VAC - 5/2
7063020114	MSV D5 SOB OO 110VAC - 5/2
7063020115	MSV D5 SOB OO 220VAC - 5/2
7063030112	MSV D5 SEB OO 24VDC - 5/2
7063030113	MSV D5 SEB OO 24VAC - 5/2
7063030114	MSV D5 SEB OO 110VAC - 5/2
7063030115	MSV D5 SEB OO 220VAC - 5/2

## LINK FOR VALVES TO ISO 15407-1/ VDMA 24563-02 SERIES MACH 18

- "ACCESSORIES VALVES" PAGE 102
- "COILS AND CONNECTORS" PAGE 100
- "MANIFOLD BASES" PAGE 112
- "SPARE PARTS VALVES" PAGE 116



## VALVES ISO 5599/1 SERIES IPV-ISV

**Code**      **Description**  
**VALVES ISO 5599/1,**  
**PNEUMATIC SERIES IPV**



**Pneumatic actuation ISO 1**  
7051011100 IPV 55 PNS OO  
7051011200 IPV 55 PNB OO  
7051011300 IPV 55 PND OO  
7051012100 IPV 56 PNS CC  
7051012200 IPV 56 PNS OC  
7051012300 IPV 56 PNS PC

**Pneumatic actuation ISO 2**  
7052011100 IPV 65 PNS OO  
7052011200 IPV 65 PNB OO  
7052011300 IPV 65 PND OO  
7052012100 IPV 66 PNS CC  
7052012200 IPV 66 PNS OC  
7052012300 IPV 66 PNS PC

**Pneumatic actuation ISO 3**  
7056011100 IPV 75 PNS OO  
7056011200 IPV 75 PNB OO  
7056011300 IPV 75 PND OO  
7056012100 IPV 76 PNS CC  
7056012200 IPV 76 PNS OC  
7056012300 IPV 76 PNS PC

**VALVES ISO 5599/1,**  
**SOLENOID/PNEUMATIC, SERIES ISV**



**Monostable 5/2 ISO 1**  
7051021100 ISV 55 SOS OO  
7051021400 ISV 55 SES OO

**Monostable 5/2 ISO 2**  
7052021100 ISV 65 SOS OO  
7052021400 ISV 65 SES OO

**Monostable 5/2 ISO 3**  
7056021100 ISV 75 SOS OO  
7056021400 ISV 75 SES OO

**Monostable 5/3 ISO 1**  
7051022100 ISV 56 SOS CC  
7051022200 ISV 56 SOS OC  
7051022300 ISV 56 SOS PC  
7051022400 ISV 56 SES CC  
7051022500 ISV 56 SES OC  
7051022600 ISV 56 SES PC

**Code**      **Description**  
**Bistable 5/2 ISO 1**  
7051021200 ISV 55 SOB OO  
7051021300 ISV 55 SOD OO  
7051021500 ISV 55 SEB OO  
7051021600 ISV 55 SED OO

**Monostable 5/3 ISO 2**  
7052022100 ISV 66 SOS CC  
7052022200 ISV 66 SOS OC  
7052022300 ISV 66 SOS PC  
7052022400 ISV 66 SES CC  
7052022500 ISV 66 SES OC  
7052022600 ISV 66 SES PC

**Bistable 5/2 ISO 2**  
7052021200 ISV 65 SOB OO  
7052021300 ISV 65 SOD OO  
7052021500 ISV 65 SEB OO  
7052021600 ISV 65 SED OO

**Monostable 5/3 ISO 3**  
7056022100 ISV 76 SOS CC  
7056022200 ISV 76 SOS OC  
7056022300 ISV 76 SOS PC  
7056022400 ISV 76 SES CC  
7056022500 ISV 76 SES OC  
7056022600 ISV 76 SES PC

**Bistable 5/2 ISO 3**  
7056021200 ISV 75 SOB OO  
7056021300 ISV 75 SOD OO  
7056021500 ISV 75 SEB OO  
7056021600 ISV 75 SED OO

**VALVES ISO 5599/1, PNEUMATIC, SERIES ISV**  
**WITH IN-LINE SOLENOID PILOT**



**Monostable 5/2 ISO 1**  
7053021100 ISV 55 DOS OO  
7053021400 ISV 55 DES OO

**Bistable 5/2 ISO 1**  
7053021200 ISV 55 DOB OO  
7053021500 ISV 55 DEB OO

**Monostable 5/3 ISO 1**  
7053022100 ISV 56 DOS CC  
7053022200 ISV 56 DOS OC  
7053022300 ISV 56 DOS PC  
7053022400 ISV 56 DES CC  
7053022500 ISV 56 DES OC  
7053022600 ISV 56 DES PC

**Code**      **Description**  
**VALVES ISO 5599/1, SOLENOID/PNEUMATIC, SERIES ISV**  
**WITH M12 CONNECTOR**



**Monostable 5/2 ISO 1**  
7054021100 ISV 55 COS OO  
7054021400 ISV 55 CES OO

**Monostable 5/2 ISO 2**  
7055021100 ISV 65 COS OO  
7055021400 ISV 65 CES OO

**Monostable 5/3 ISO 1**  
7054022100 ISV 56 COS CC  
7054022200 ISV 56 COS OC  
7054022300 ISV 56 COS PC  
7054022400 ISV 56 CES CC  
7054022500 ISV 56 CES OC  
7054022600 ISV 56 CES PC

**Bistable 5/2 ISO 1**  
7054021200 ISV 55 COB OO  
7054021300 ISV 55 COD OO  
7054021500 ISV 55 CEB OO  
7054021600 ISV 55 CED OO

**Monostable 5/3 ISO 2**  
7055022100 ISV 66 COS CC  
7055022200 ISV 66 COS OC  
7055022300 ISV 66 COS PC  
7055022400 ISV 66 CES CC  
7055022500 ISV 66 CES OC  
7055022600 ISV 66 CES PC

**Bistable 5/2 ISO 2**  
7055021200 ISV 65 COB OO  
7055021300 ISV 65 COD OO  
7055021500 ISV 65 CEB OO  
7055021600 ISV 65 CED OO

## LINK FOR VALVES ISO 5599/1 SERIES IPV-ISV

"MANIFOLD BASES" PAGE 112



## SANDWICH REGULATORS FOR ISO 5599/1 BASES ISO1-2



**Sandwich regulator for ISO 1 valves**  
0228000804 Sandwich regulator 1 - 0 to 12 bar ISO 1  
0228000814 Sandwich regulator 3 - 0 to 12 bar ISO 1

**Sandwich regulator for ISO 2 valves**  
0228001804 Sandwich regulator 1 - 0 to 12 bar ISO 2  
0228001814 Sandwich regulator 3 - 0 to 12 bar ISO 2

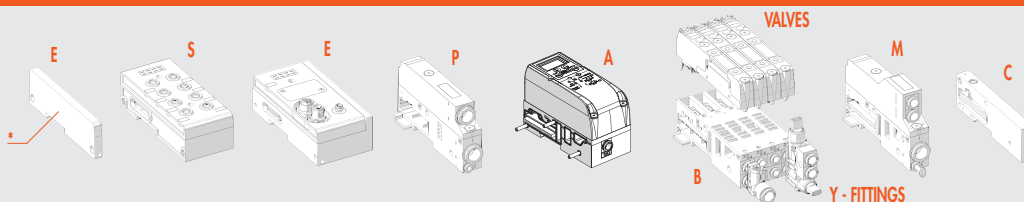
## LINK FOR SANDWICH REGULATOR

"MANIFOLD BASES" PAGE 112








## EB 80



### SIGNAL MODULE - S


	Description	Code
	<b>S01</b> Module with 8 M8 digital inputs	02282S01
	<b>S02</b> Module with 8 M8 digital outputs	02282S02
	<b>S03</b> Module with 6 M8 digital outputs + electrical supply	02282S03
	<b>S04</b> Module with 4 M8 analogue inputs	02282S04
	<b>S05</b> Module with 4 M8 analogue inputs	02282S05
	<b>S06</b> Module with 16 digital terminal block Inputs	02282S06
	<b>S07</b> Module with 16 digital terminal block Outputs	02282S07
	<b>S08</b> Module with 4 M8 analogue inputs for temperature measurement	02282S08

### ELECTRICAL CONNECTION - E


	Description	Code
	<b>E025</b> Electrical connection 25-pin	02282E025
	<b>E044</b> Electrical connection 44-pin	02282E044
	<b>EOEN</b> Electrical connection EtherNet/IP	02282EOEN
	<b>EOEC</b> Electrical connection EtherCAT	02282EOEC
	<b>EOPN</b> Electrical connection Profinet IO	02282EOPN
	<b>EOCN</b> Electrical connection CANopen	02282EOCN
	<b>EOPB</b> Electrical connection Profibus-DP	02282EOPB
	<b>EOPL</b> Electrical connection Ethernet POWERLINK	02282EOPL
	<b>EOIO</b> Electrical connection IO-Link 32 INK / 32 OUT	02282EOIO
	<b>EOLK</b> Electrical connection IO-Link 64 OUT	02282EOLK
	<b>EOCC</b> Electrical connection CC-Link IE Field Basic	02282EOCC
	<b>EOAD</b> Additional electrical connection	02282EOAD

\* nota regarding plate: Part included in the ELECTRICAL CONNECTION - E with Filedbus


### COMPRESSED-AIR SUPPLY - P

Description	Code	Code	Code	Code
	P--Z00	P--Z--	P--Z60	P--Z90
	<b> fittings</b>			
	Silenced relief	Conveyed relief	Separate reliefs	
Ø 8	02282P11Z00	02282P11Z10	02282P11Z60	
Ø 10	02282P21Z00	02282P21Z20	02282P21Z60	
Ø 12	02282P31Z00	02282P31Z30	02282P31Z60	
Ø 1/2	02282P51Z00	02282P51Z50	02282P51Z60	
Ø 8 assisted	02282P1XZ00	02282P1XZ10	02282P1XZ60	
Ø 10 assisted	02282P2XZ00	02282P2XZ20	02282P2XZ60	
Ø 12 assisted	02282P3XZ00	02282P3XZ30	02282P3XZ60	
Ø 1/2 assisted	02282P5XZ00	02282P5XZ50	02282P5XZ60	
Module for electric version only				02282P91Z90


### BASES FOR VALVES - B

Description	Control	Code	Code	Code	Code
		B30----0	B31----0	B32----0	B33----0
		Full-flow parts	Parts 1 sectioned after the first position	Parts 1, 3 and 5 sectioned after the first position	Parts 3 and 5 sectioned after the first position
					
3-position base for valves - without cartridges	3	02282B3031110	02282B3131110	02282B3231110	02282B3331110
3-position base for valves - Ø 4	3	02282B3034440	02282B3134440	02282B3234440	02282B3334440
3-position base for valves - Ø 6	3	02282B3036660	02282B3136660	02282B3236660	02282B3336660
3-position base for valves - Ø 8	3	02282B3038880	02282B3138880	02282B3238880	02282B3338880
3-position base for valves - Ø 1/4	3	02282B3032220	02282B3132220	02282B3232220	02282B3332220
3-position base for valves - without cartridges	6	02282B3061110	02282B3161110	02282B3261110	02282B3361110
3-position base for valves - Ø 4	6	02282B3064440	02282B3164440	02282B3264440	02282B3364440
3-position base for valves - Ø 6	6	02282B3066660	02282B3166660	02282B3266660	02282B3366660
3-position base for valves - Ø 8	6	02282B3068880	02282B3168880	02282B3268880	02282B3368880
3-position base for valves - Ø 1/4	6	02282B3062220	02282B3162220	02282B3262220	02282B3362220
		<b>B40----</b>			
4-position base for valves - without cartridges	4	02282B4041111			
4-position base for valves - Ø 4	4	02282B4044444			
4-position base for valves - Ø 6	4	02282B4046666			
4-position base for valves - Ø 8	4	02282B4048888			
4-position base for valves - Ø 1/4	4	02282B4042222			
4-position base for valves - without cartridges	8	02282B4081111			
4-position base for valves - Ø 4	8	02282B4084444			
4-position base for valves - Ø 6	8	02282B4086666			
4-position base for valves - Ø 8	8	02282B4088888			
4-position base for valves - Ø 1/4	8	02282B4082222			


## PROPORTIONAL PRESSURE REGULATOR - A

	Description	Code	Code
		with M12 connector	via fieldbus
	Prop. pressure reg. EB80, with local outlet, with display	02282A400Z00	02282A401Z00
	Prop. pressure reg. EB80, with local outlet, without display	02282A400Z10	02282A401Z10
	Prop. pressure reg. EB80, in series regulation, with display	02282A410Z00	02282A411Z00
	Prop. pressure reg. EB80, in series regulation, without display	02282A410Z10	02282A411Z10

## VALVES

	Description	Code	Code
		Monostable manual control	Bistabil manual control
<b>Z</b>	2 valves 2/2 NC	708203Z0	708203Z1
<b>L</b>	2 valves 3/2 NC (valid as 5/3 OC)	708203L0	708203L1
<b>W</b>	2 valves 3/2 NO (valid as 5/3 PC)	708203W0	708203W1
<b>L</b>	3/2 NC + 3/2 NO	708203L0	708203L1
<b>V</b>	5/2 monostable	708203V0	708203V1
<b>K</b>	5/2 bistable	708203K0	708203K1
<b>O</b>	5/3 CC	708203O0	708203O1
<b>G</b>	3/2 NC high-flow	708203G0	708203G1
<b>J</b>	3/2 NO high-flow	708203J0	708203J1
<b>R</b>	Shut-off valve (V3V)	708203R0	708203R1
<b>N0</b>	Dummy valve	708203N0	
<b>Y8</b>	Bypass Ø 8	708203Y8	

## INTERMEDIATE SUPPORT - M

	Description	Code	Code	Code
		Silenced relief	Conveyed relief	Conveyed relief
<b>M--0, without additional electric power supply</b>				
	Ø 8 full-flow ports	02282M100Z00	02282M100Z10	02282M100Z60
	Ø 10 full-flow ports	02282M200Z00	02282M200Z20	02282M200Z60
	Ø 12 full-flow ports	02282M300Z00	02282M300Z30	02282M300Z60
	Ø 1/2 full-flow ports	02282M500Z00	02282M500Z50	02282M500Z60
	Ø 8 part 1 closed	02282M110Z00	02282M110Z10	02282M110Z60
	Ø 10 part 1 closed	02282M210Z00	02282M210Z20	02282M210Z60
	Ø 12 part 1 closed	02282M310Z00	02282M310Z30	02282M310Z60
	Ø 1/2 part 1 closed	02282M510Z00	02282M510Z50	02282M510Z60
	Ø 8 ports 1, 3, 5 closed	02282M120Z00	02282M120Z10	02282M120Z60
	Ø 10 ports 1, 3, 5 closed	02282M220Z00	02282M220Z20	02282M220Z60
	Ø 12 ports 1, 3, 5 closed	02282M320Z00	02282M320Z30	02282M320Z60
	Ø 1/2 ports 1, 3, 5 closed	02282M520Z00	02282M520Z50	02282M520Z60
	Ø 8 ports 3, 5 closed	02282M130Z00	02282M130Z10	02282M130Z60
	Ø 10 ports 3, 5 closed	02282M230Z00	02282M230Z20	02282M230Z60
	Ø 12 ports 3, 5 closed	02282M330Z00	02282M330Z30	02282M330Z60
	Ø 1/2 ports 3, 5 closed	02282M530Z00	02282M530Z50	02282M530Z60
	Ø 8 ports 1, 3, 5 and X closed	02282M140Z00	02282M140Z10	02282M140Z60
	Ø 10 ports 1, 3, 5 and X closed	02282M240Z00	02282M240Z20	02282M240Z60
	Ø 12 ports 1, 3, 5 and X closed	02282M340Z00	02282M340Z30	02282M340Z60
	Ø 1/2 ports 1, 3, 5 and X closed	02282M540Z00	02282M540Z50	02282M540Z60
<b>M--1, with additional electric power supply</b>				
	Ø 8 full-flow ports	02282M101Z01	02282M101Z11	02282M101Z61
	Ø 10 full-flow ports	02282M201Z01	02282M201Z21	02282M201Z61
	Ø 12 full-flow ports	02282M301Z01	02282M301Z31	02282M301Z61
	Ø 1/2 full-flow ports	02282M501Z01	02282M501Z51	02282M501Z61
	Ø 8 part 1 closed	02282M111Z01	02282M111Z11	02282M111Z61
	Ø 10 part 1 closed	02282M211Z01	02282M211Z21	02282M211Z61
	Ø 12 part 1 closed	02282M311Z01	02282M311Z31	02282M311Z61
	Ø 1/2 part 1 closed	02282M511Z01	02282M511Z51	02282M511Z61
	Ø 8 ports 1, 3, 5 closed	02282M121Z01	02282M121Z11	02282M121Z61
	Ø 10 ports 1, 3, 5 closed	02282M221Z01	02282M221Z21	02282M221Z61
	Ø 12 ports 1, 3, 5 closed	02282M321Z01	02282M321Z31	02282M321Z61
	Ø 1/2 ports 1, 3, 5 closed	02282M521Z01	02282M521Z51	02282M521Z61
	Ø 8 ports 3, 5 closed	02282M131Z01	02282M131Z11	02282M131Z61
	Ø 10 ports 3, 5 closed	02282M231Z01	02282M231Z21	02282M231Z61
	Ø 12 ports 3, 5 closed	02282M331Z01	02282M331Z31	02282M331Z61
	Ø 1/2 ports 3, 5 closed	02282M531Z01	02282M531Z51	02282M531Z61
	Ø 8 ports 1, 3, 5 and X closed	02282M141Z01	02282M141Z11	02282M141Z61
	Ø 10 ports 1, 3, 5 and X closed	02282M241Z01	02282M241Z21	02282M241Z61
	Ø 12 ports 1, 3, 5 and X closed	02282M341Z01	02282M341Z31	02282M341Z61
	Ø 1/2 ports 1, 3, 5 and X closed	02282M541Z01	02282M541Z51	02282M541Z61



## CLOSED END-PLATE - C

	Description	Code
<b>C1</b>	For islands with multi-pole connector	02282C1
<b>C2</b>	For islands with fieldbus	02282C2
<b>C3</b>	For electrical connection to additional islands	02282C3

## MULTI-FUNCTION MODULE - L

02282	L	6	610	410
Family	Subsystem	Fittings	Function Port 2 (Top)	Function Port 4 (Bottom)
<b>EB 80</b>	Multi-function module	<b>2</b> Pipe fitting Ø 1/4" <b>4</b> Pipe fitting Ø 4 (5/32") <b>6</b> Pipe fitting Ø 6 <b>8</b> Pipe fitting Ø 8 (5/16")	<b>000</b> NF - No function <b>410</b> RFL - Flow regulator unidirectional <b>411</b> RFL - Flow regulator bidirectional <b>610</b> REG - Pressure regulator <b>630</b> VSRC - Quick-exhaust valve, conveyed <b>631</b> VSRS - Quick-exhaust valve, silenced <b>632</b> VSRR - Quick-exhaust valve, regulated <b>640</b> VNR - Check valve <b>650</b> V2V - Shut-off valve 2-way <b>660</b> V3V - Shut-off valve 3-way <b>670</b> PNV - 3-way pneumatic valve <b>671</b> STP - 2-way pneumatic valve <b>680</b> LAM - Orange pressure indicator <b>682</b> LAM - Green pressure indicator <b>7_*</b> RFF - Calibrated choke unidirectional - type V <b>8_*</b> RFF - Calibrated choke bidirectional - type B	<b>000</b> NF - No function <b>410</b> RFL - Flow regulator unidirectional <b>411</b> RFL - Flow regulator bidirectional <b>610</b> REG - Pressure regulator <b>630</b> VSRC - Quick-exhaust valve, conveyed <b>631</b> VSRS - Quick-exhaust valve, silenced <b>632</b> VSRR - Quick-exhaust valve, regulated <b>640</b> VNR - Check valve <b>650</b> V2V - Shut-off valve 2-way <b>660</b> V3V - Shut-off valve 3-way <b>670</b> PNV - 3-way pneumatic valve <b>671</b> STP - 2-way pneumatic valve <b>680</b> LAM - Orange pressure indicator <b>682</b> LAM - Green pressure indicator <b>7_*</b> RFF - Calibrated choke unidirectional - type V <b>8_*</b> RFF - Calibrated choke bidirectional - type B
* The last two digits indicate the narrowing Ø. 02 = Ø 0.2 mm 03 = Ø 0.3 mm 04 = Ø 0.4 mm 05 = Ø 0.5 mm 06 = Ø 0.6 mm 08 = Ø 0.8 mm 10 = Ø 1.0 mm 13 = Ø 1.3 mm 15 = Ø 1.5 mm				

## EB80 BOXI



### KEY TO CODING OF THE EB 80 BOXI WITHOUT VALVES

0228B	G	1	8	M	4	4	4	4			
Family	Port threads 1, 3, 5	Piloting	Number of solenoid pilots controls	Electrical connection	Fittings						
					1° position (from left)	2° position	3° position	4° position			
0228B	EB80 BOXI	G U	1/4" GAS 1/4" NPT	1 X	Non-servo-assisted Servo-assisted	4 8	4 controls 8 controls	M I	D-Sub 9-pin multiple connection I/O link, M12x1	1 2 4 6 8	Without cartridges Pipe fitting Ø 1/4" Pipe fitting Ø 4 (5/32") Pipe fitting Ø 6 Pipe fitting Ø 8 (5/16")

### EB 80 BOXI WITH D-SUB 9-PIN MULTIPOLE ELECTRICAL CONNECTION

Port threads 1, 3, 5	T - Pipe fitting	GAS 4 controls	NPT 4 controls	GAS 8 controls	NPT 8 controls
Servo-assisted	without cartridges	0228BGX4M1111	0228BUX4M1111	0228BGX8M1111	0228BUX8M1111
	Ø 4 (5/32")	0228BGX4M4444	0228BUX4M4444	0228BGX8M4444	0228BUX8M4444
	Ø 6	0228BGX4M6666	0228BUX4M6666	0228BGX8M6666	0228BUX8M6666
	Ø 8	0228BGX4M8888	0228BUX4M8888	0228BGX8M8888	0228BUX8M8888
	Ø 1/4"	0228BGX4M2222	0228BUX4M2222	0228BGX8M2222	0228BUX8M2222
Non-servo-assisted	without cartridges	0228BG14M1111	0228BU14M1111	0228BG18M1111	0228BU18M1111
	Ø 4 (5/32")	0228BG14M4444	0228BU14M4444	0228BG18M4444	0228BU18M4444
	Ø 6	0228BG14M6666	0228BU14M6666	0228BG18M6666	0228BU18M6666
	Ø 8	0228BG14M8888	0228BU14M8888	0228BG18M8888	0228BU18M8888
	Ø 1/4"	0228BG14M2222	0228BU14M2222	0228BG18M2222	0228BU18M2222

**EB 80 BOXI WITH ELECTRICAL CONNECTION I/O link (M12x1)**

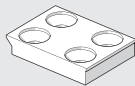
Port threads 1, 3, 5	T - Pipe fitting	GAS 8 controls	NPT 8 controls			
Servo-assisted	without cartridges	0228BGX8L1111	0228BUX8L1111			
	Ø 4 (5/32")	0228BGX8L4444	0228BUX8L4444			
	Ø 6	0228BGX8L6666	0228BUX8L6666			
	Ø 8	0228BGX8L8888	0228BUX8L8888			
Non-servo-assisted	without cartridges	0228BG18L1111	0228BU18L1111			
	Ø 4 (5/32")	0228BG18L4444	0228BU18L4444			
	Ø 6	0228BG18L6666	0228BU18L6666			
	Ø 8	0228BG18L8888	0228BU18L8888			
	Ø 1/4"	0228BGX8L2222	0228BUX8L2222			

**KEY TO CODING OF THE EB 80 BOXI COMPLETE WITH VALVES**

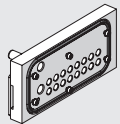
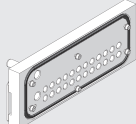
0228B Family		G Port threads 1, 3, 5		I Piloting		8 Number of solenoid pilots controls		M Electrical connection		4 4 4 4 Fittings				0 Manual control		VVKI Valves	
										1° position (from left)	2° position	3° position	4° position				
0228B	EB80 BOXI	G	1/4" GAS	1	Non-servo-assisted	4	4 controls	M	D-Sub 9-pin multiple connection	1	Without cartridges			0	Monostable	Z, I, W, L, V, K, O, G, J, R, N, Y, ...	Valves reference, from left to right. See pag. ...
		U	1/4" NPT	X	Servo-assisted	8	8 controls	I	I/O link, M12x1	2	Pipe fitting Ø 1/4"			1	Bistable		
										4	Pipe fitting Ø 4 (5/32")						
										6	Pipe fitting Ø 6						
										8	Pipe fitting Ø 8 (5/16")						

You get the price by adding up the price of BOXI without valves with the one of the chosen valves

**FIXING BRACKET**

Code	Description	Quantity	Code	Description	Code	Description
						
02282R4000	EB 80 base fixing bracket	2				

**SPLASH AREA**

						
						
<b>EB 80 SPLASH AREA KIT 3 ÷ 8 POSITIONS</b>			<b>EB 80 SPLASH AREA KIT 8 ÷ 12 POSITIONS</b>			
02282R7080	EB80 splash area kit 3-8 posit. AL		02282R7120	EB80 splash area kit 8-12 posit. AL		
02282R7081	EB80 splash area kit 3-8 posit. STAINLESS		02282R7121	EB80 splash area kit 8-12 posit. STAINLESS		

**PORT JUNCTION Y FITTINGS**

						
02282R2Y04	Y for EB 80 8 (5/16") - 10 Orange					
02282R2Y14	Y for EB 80 8 (5/16") - 10 Black					
02282R2Y07	Y for EB 80 8 (5/16") - 3/8" Orange					
02282R2Y17	Y for EB 80 8 (5/16") - 3/8" Black					

**LINK FOR EB 80**

"ACCESSORIES EB80 MODULE" PAGE 105  
"SPARE PARTS EB80 MODULE" PAGE 117



## HDM+MULTI-POLE CONNECTION

Code	Description	Code	Description	Code	Description
<b>END PLATE KIT, HDM</b>					
<b>End-plate 1-11</b>		<b>End-plate 1</b>			
0227301200	End-plate kit HDM 1-11-25D Ø 10	0227301201	End-plate kit HDM 1-25D Ø 10		
0227301220	End-plate kit HDM 1-11-25D Ø 12				

## LINK FOR HDM + MULTI-POLE CONNECTION

"ACCESSORIES HDM - CM - MM" PAGE 108

## HDM+AS-INTERFACE

<b>END-PLATES</b>		<b>END-PLATES 1 AO-4, M8</b>		<b>END-PLATES 1 AP-4, M12</b>	
0227301202	End-plate kit HDM 1 AS-4 1 node, 4 Out, yellow cable	0227301218	End-plate kit HDM 1 AO-4 1 node, 4 Out and 4 In M8, yellow cable	0227301212	End-plate kit HDM 1 AP-4 1 node, 4 Out and 4 In M12, yellow cable
0227301208	End-plate kit HDM 1 AS-8 2 nodes, 8 Out, yellow cable				
<b>END-PLATES 1 AE-4, M8</b>		<b>END-PLATES 1 AE-8, M8</b>		<b>END-PLATES 1 AZ-8, AZ8</b>	
0227301214	End-plate kit HDM 1 AE-4 1 node, 4 Out and 4 In M8, yellow cable and black cable	0227301216	End-plate kit HDM 1 AE-8 2 nodes, 8 Out and 8 In M8, yellow cable and black cable	0227301204	End-plate kit HDM 1 AZ-4 1 node, 4 Out, yellow cable and black cable
				0227301210	End-plate kit HDM 1 AZ-8 2 nodes, 8 Out, yellow cable and black cable

## LINK FOR HDM+AS-INTERFACE

"ACCESSORIES HDM - CM - MM" PAGE 108

"SPARE PARTS HDM - CM - MM" PAGE 118

## HDM+PROFIBUS-DP



<b>End-plates 1-11 PROFIBUS-DP</b>	
0227301231	End-plate kit HDM 1-11 PROFIBUS
<b>End-plates 1 PROFIBUS-DP</b>	
0227301230	End-plate kit HDM 1 PROFIBUS

## LINK FOR HDM+PROFIBUS-DP

"ACCESSORIES HDM - CM - MM" PAGE 108

## HDM+EtherNet/IP




<b>End-plates 1-11 EtherNet/IP</b>	
0227301242	End-plate kit HDM 1-11 EtherNet/IP
<b>End-plates 1 EtherNet/IP</b>	
0227301243	End-plate kit HDM 1 EtherNet/IP

## LINK FOR HDM + EtherNet/IP

"ACCESSORIES HDM - CM - MM" PAGE 108

## HDM+CANopen

Code	Description
<b>END-PLATES 1-11 CANopen O</b>	
	
0227301251	End-plate kit HDM 1-11 CANopen OUTPUT
0227301250	End-plate kit HDM 1-11 CANopen IN-OUT

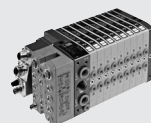
Code	Description
<b>END-PLATES 1 CANopen O</b>	
	
0227301253	End-plate kit HDM 1 CANopen OUTPUT
0227301252	End-plate kit HDM 1 CANopen IN-OUT

## LINK FOR HDM + CANopen

"ACCESSORIES HDM - CM - MM" PAGE 108 

## HDM+B&R

### END-PLATES



0227301206	End-plate kit HDM 1-11 for B&R
0227301207	End-plate kit HDM 1 for B&R

## HDM VALVES, INTERMEDIATES ELEMENTS

### VALVES



Valve HDM Ø4	
7071030530	HDM I4 man. monost. valve
7071030531	HDM I4 man. bistable valve
7071030630	HDM W4 man. monost. valve
7071030631	HDM W4 man. bistable valve
7071030730	HDM L4 man. monost. valve
7071030731	HDM L4 man. bistable valve
7071030130	HDM V4 man. monost. valve
7071030131	HDM V4 man. bistable valve
7071030132	HDM F4 man. monost. valve
7071030133	HDM F4 man. bistable valve
7071030110	HDM K4 man. monost. valve
7071030111	HDM K4 man. bistable valve
7071030210	HDM O4 man. monost. valve
7071030211	HDM O4 man. bistable valve

Valve HDM Ø6	
7072030530	HDM I6 man. monost. valve
7072030531	HDM I6 man. bistable valve
7072030630	HDM W6 man. monost. valve
7072030631	HDM W6 man. bistable valve
7072030730	HDM L6 man. monost. valve
7072030731	HDM L6 man. bistable valve
7072030130	HDM V6 man. monost. valve
7072030131	HDM V6 man. bistable valve
7072030132	HDM F6 man. monost. valve
7072030133	HDM F6 man. bistable valve
7072030110	HDM K6 man. monost. valve
7072030111	HDM K6 man. bistable valve
7072030210	HDM O6 man. monost. valve
7072030211	HDM O6 man. bistable valve

Valve HDM Ø8	
7073030530	HDM I8 man. monost. valve
7073030531	HDM I8 man. bistable valve
7073030630	HDM W8 man. monost. valve
7073030631	HDM W8 man. bistable valve
7073030730	HDM L8 man. monost. valve
7073030731	HDM L8 man. bistable valve
7073030130	HDM V8 man. monost. valve
7073030131	HDM V8 man. bistable valve
7073030132	HDM F8 man. monost. valve
7073030133	HDM F8 man. bistable valve
7073030110	HDM K8 man. monost. valve
7073030111	HDM K8 man. bistable valve
7073030210	HDM O8 man. monost. valve
7073030211	HDM O8 man. bistable valve

Valve HDM Ø8S	
7077030530	HDM I8S man. monost. valve
7077030531	HDM I8S man. bistable valve
7077030630	HDM W8S man. monost. valve
7077030631	HDM W8S man. bistable valve
7077030730	HDM L8S man. monost. valve
7077030731	HDM L8S man. bistable valve
7077030130	HDM V8S man. monost. valve
7077030131	HDM V8S man. bistable valve
7077030132	HDM F8S man. monost. valve
7077030133	HDM F8S man. bistable valve
7077030110	HDM K8S man. monost. valve
7077030111	HDM K8S man. bistable valve
7077030210	HDM O8S man. monost. valve
7077030211	HDM O8S man. bistable valve

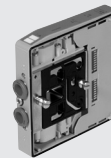
Valve HDM Ø10	
7078030530	HDM I10 man. monost. valve
7078030531	HDM I10 man. bistable valve
7078030630	HDM W10 man. monost. valve
7078030631	HDM W10 man. bistable valve
7078030730	HDM L10 man. monost. valve
7078030731	HDM L10 man. bistable valve
7078030130	HDM V10 man. monost. valve
7078030131	HDM V10 man. bistable valve
7078030132	HDM F10 man. monost. valve
7078030133	HDM F10 man. bistable valve
7078030110	HDM K10 man. monost. valve
7078030111	HDM K10 man. bistable valve
7078030210	HDM O10 man. monost. valve
7078030211	HDM O10 man. bistable valve

### INTERMEDIATE THROUGH



0227301301	Intermediate through HDM
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### INTERMEDIATE BLIND



0227301302	Intermediate blind HDM
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### INTERMEDIATE EXHAUST SWITCH



0227301303	Intermediate exhaust switch HDM
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### RIGHT-END-PLATE 1-11 PIPE Ø12



0227301221	End-plate kit HDM 1-25D Ø12
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### BLIND END PLATE







0227301500	Blind end-plate HDM
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## LINK FOR HDM VALVES, INTERMEDIATES ELEMENTS

"ACCESSORIES HDM - CM - MM" PAGE 108 

"SPARE PARTS HDM - CM - MM" PAGE 118 

## CM + MULTI-POLE CONNECTION



Code	Description	Code	Description	Code	Description
					
0227302200	End-plate CM kit 1-11 OUT	0227302223	End-plate CM kit 1-11 IN/OUT		
					
0227302201	End-plate CM kit 1 OUT	0227302225	End-plate CM kit 1 IN/OUT		

## LINK FOR CM + MULTI-POLE CONNECTION

"ACCESSORIES HDM - CM - MM" PAGE 108



## CM + Profinet IO



					
0227302230	End-plate CM 1-11 Profinet IO OUTPUT	0227302231	End-plate CM 1 Profinet IO OUTPUT		
0227302232	End-plate CM 1-11 Profinet IO IN/OUT	0227302233	End-plate CM 1 Profinet IO IN/OUT		

## LINK FOR CM + Profinet IO

"ACCESSORIES HDM - CM - MM" PAGE 108



## CM + EtherCAT



					
0227302234	End-plate CM 1-11 EtherCAT OUTPUT	0227302235	End-plate CM 1 EtherCAT OUTPUT		
0227302236	End-plate CM 1-11 EtherCAT IN/OUT	0227302237	End-plate CM 1 EtherCAT IN/OUT		

## LINK FOR CM + EtherCAT

"ACCESSORIES HDM - CM - MM" PAGE 108



## CM + EtherNet/IP



					
0227302242	End-plate CM 1-11 EtherNet/IP OUTPUT	0227302243	End-plate CM 1 EtherNet/IP OUTPUT		
0227302244	End-plate CM 1-11 EtherNet/IP IN/OUT	0227302245	End-plate CM 1 EtherNet/IP IN/OUT		

## LINK FOR CM + EtherNet/IP

"ACCESSORIES HDM - CM - MM" PAGE 108



**CM + CANopen**

Code	Description	Code	Description	Code	Description
					
0227302238	End-plate CM 1-11 CANopen OUTPUT	0227302239	End-plate CM 1 CANopen OUTPUT		
0227302240	End-plate CM 1-11 CANopen IN/OUT	0227302241	End-plate CM 1 CANopen IN/OUT		

**LINK FOR CM + CANopen**

"ACCESSORIES HDM - CM - MM" PAGE 108

**CM VALVES, INTERMEDIATES ELEMENTS**



**Valve CM Ø4**

7074030530	CM L4 man. monost. valve
7074030531	CM L4 man. bistable valve
7074030630	CM W4 man. monost. valve
7074030631	CM W4 man. bistable valve
7074030730	CM L4 man. monost. valve
7074030731	CM L4 man. bistable valve
7074030130	CM V4 man. monost. valve
7074030131	CM V4 man. bistable valve
7074030110	CM K4 man. monost. valve
7074030111	CM K4 man. bistable valve
7074030210	CM O4 man. monost. valve
7074030211	CM O4 man. bistable valve

**Valve CM Ø6**

7075030530	CM L6 man. monost. valve
7075030531	CM L6 man. bistable valve
7075030630	CM W6 man. monost. valve
7075030631	CM W6 man. bistable valve
7075030730	CM L6 man. monost. valve
7075030731	CM L6 man. bistable valve
7075030130	CM V6 man. monost. valve
7075030131	CM V6 man. bistable valve
7075030110	CM K6 man. monost. valve
7075030111	CM K6 man. bistable valve
7075030210	CM O6 man. monost. valve
7075030211	CM O6 man. bistable valve

**Valve CM Ø8**

7076030530	CM I8 man. monost. valve
7076030531	CM I8 man. bistable valve
7076030630	CM W8 man. monost. valve
7076030631	CM W8 man. bistable valve
7076030730	CM L8 man. monost. valve
7076030731	CM L8 man. bistable valve
7076030130	CM V8 man. monost. valve
7076030131	CM V8 man. bistable valve
7076030110	CM K8 man. monost. valve
7076030111	CM K8 man. bistable valve
7076030210	CM O8 man. monost. valve
7076030211	CM O8 man. bistable valve

**M8 8-INPUT/OUTPUT MODULE**

0227302900 M8 8-input module CM

0227302224 End-plate CM kit 1-11 ADD

0227302226 End-plate CM kit 1 ADD



0227302500 Blind en-plate CM



0227302301 Intermediate through CM



0227302302 Intermediate blind CM



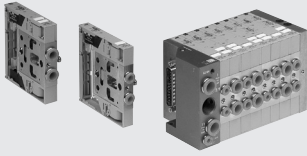
0227302303 Intermediate exhaust switch CM

**LINK FOR CM VALVES, INTERMEDIATES ELEMENTS**

"ACCESSORIES HDM - CM - MM" PAGE 108

**MULTIMACH**

Code Description



**Valve Ø4**

- 7068030532 NSV F8 SES NC - I4 MM
- 7068030632 NSV F8 SES NO - W4 MM
- 7068030732 NSV F8 SES 00 - L4 MM
- 7068030132 NSV F5 SES 00 - V4 MM
- 7068030112 NSV F5 SEB 00 - K4 MM
- 7068030212 NSV F6 SES CC - O4 MM

**Valve Ø6**

- 7069030532 NSV G8 SES NC - I6 MM
- 7069030632 NSV G8 SES NO - W6 MM
- 7069030732 NSV G8 SES 00 - L6 MM
- 7069030132 NSV G5 SES 00 - V6 MM
- 7069030112 NSV G5 SEB 00 - K6 MM
- 7069030212 NSV G6 SES CC - O6 MM

**Valve Ø8**

- 7070030532 NSV H8 SES NC - I8 MM
- 7070030632 NSV H8 SES NO - W8 MM
- 7070030732 NSV H8 SES 00 - L8 MM
- 7070030132 NSV H5 SES 00 - V8 MM
- 7070030112 NSV H5 SEB 00 - K8 MM
- 7070030212 NSV H6 SES CC - O8 MM

**END-PLATE 1-11**



0227300200 End-plate kit 1

**END-PLATE 1**



0227300201 End-plate kit 1

Code Description

**REDUCED END-PLATE 1**



0227300300 Reduced end-plate kit 1

**BLIND END PLATE**



0227300500 Blind end-plate

**INTERMEDIATE THROUGH**



0227300301 Intermediate through

**INTERMEDIATE BLIND**



0227300302 Intermediate blind

**INTERMEDIATE EXHAUST SWITCH**



0227300303 Intermediate exhaust switch

Code Description

**AXIAL CONNECTOR BASE, 25 WIRES**



0226180001 Axial connector base kit, 25 wires

**AXIAL CONNECTOR BASE, 9 WIRES**



0226180002 Axial connector base kit, 9 wires

**REAR CONNECTOR BASE, 25 WIRES**



0226180003 Rear connector base kit, 25 wires

**REAR CONNECTOR BASE, 9 WIRES**



0226180004 Rear connector base kit, 9 wires

**LINK FOR MM**

"ACCESSORIES HDM - CM - MM" PAGE 108



**MULTIMACH + B&R**

MULTIMACH CONNECTOR SUPPORT FOR B&R



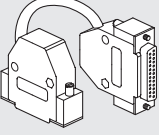


0226180005 25-pin connector support kit for B&R

## FIELDBUS

Code	Description	Code	Description	Code	Description	Quantity
HDM+AS-Interface		HDM+CANopen		CM+EtherNet/IP		
"LINK FOR 10-mm SOLENOID VALVES SERIES PLT-10" page 80		"LINK FOR SOLENOID VALVES PIV.M 1.5 mm" page 80		"CM + EtherNet/IP" page 93		
HDM+B&R		CM+Profinet IO		CM+CANopen		
"LINK FOR 10-mm SOLENOID VALVES SERIES PLT-10" page 80		"CM + Profinet IO" page 93		"CM + CANopen" page 94		
HDM+PROFIBUS-DP		CM+EtherCAT				
"LINK FOR BASES FOR PLT-10 MULTIPLE CONNEXION" page 80		"CM + EtherCAT" page 93				

## PROFIBUS-DP FOR MULTIMACH AND FOR PLT-10 MULTIPLE CONNECTION

SLAVES	INPUT / OUTPUT	SLAVE/MULTIMACH CONNECTION KIT
		
0240004003 Slave PROFIBUS-DP	0240004053 DI 8XDC24V unit 0240004051 DO 8XDC24V 0.5A unit 0240004054 AL 4X16 Bit unit 0240004055 AO 4X12 Bit unit	0226940000 Slave/Multimach connection kit

## LINK FOR PROFIBUS-DP/CANopen/DEVICE-NET

"ACCESSORIES HDM - CM - MM" PAGE 108

## INPUT/OUTPUT PROFIBUS-DP IP 67 M12

		
0240008001 8 I/O + 8 I/O/autotest Profibus		

## LINK FOR FIELDBUS INPUT/OUTPUT PROFIBUS-DP IP 67 M12

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## FIELDBUS INPUT PROFIBUS-DP IP67 M8

		
0240008002 INPUT PROFIBUS IP67 M8		

## LINK FOR FIELDBUS INPUT PROFIBUS-DP IP67 M8

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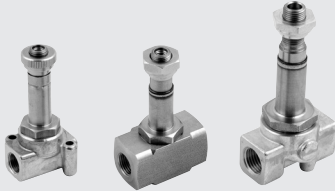


# MULTIPLE-FLUID PROCESS VALVES

## SOLENOID VALVES, SERIES EV-FLUID

### Code Description

#### SOLENOID VALVES, SERIES EV-FLUID, DIRECT ACTING



#### VERSION 2/2 NC, BRASS VALVE BODY

W0910100001	EV-FLUID 2/2NC dir.brass 1/8" Ø1.5 NBR
W0910100002	EV-FLUID 2/2NC dir.brass 1/8" Ø2 NBR
W0910100010	EV-FLUID 2/2NC dir.brass 1/4" Ø2.5 NBR
W0910100011	EV-FLUID 2/2NC dir.brass 1/4" Ø3.5 NBR
W0910100012	EV-FLUID 2/2NC dir.brass 1/4" Ø4.5 NBR
W0910100013	EV-FLUID 2/2NC dir.brass 1/4" Ø5.2 NBR
W0910100017	EV-FLUID 2/2NC dir.brass 1/4" Ø6.4 NBR
W0910100020	EV-FLUID 2/2NC dir.brass 3/8" Ø4 NBR
W0910100021	EV-FLUID 2/2NC dir.brass 3/8" Ø3.5 NBR
W0910100022	EV-FLUID 2/2NC dir.brass 3/8" Ø4.5 NBR
W0910100030	EV-FLUID 2/2NC dir.brass 1/2" Ø5.2 NBR
W0910100031	EV-FLUID 2/2NC dir.brass 1/2" Ø6.4 NBR
W0910100032	EV-FLUID 2/2NC dir.brass 1/2" Ø3.5 NBR
WE910100001	EV-FLUID 2/2NC dir.brass 1/8" Ø1.5 EPDM
WE910100002	EV-FLUID 2/2NC dir.brass 1/8" Ø2 EPDM
WE910100010	EV-FLUID 2/2NC dir.brass 1/4" Ø2.5 EPDM
WE910100011	EV-FLUID 2/2NC dir.brass 1/4" Ø3.5 EPDM
WE910100012	EV-FLUID 2/2NC dir.brass 1/4" Ø4.5 EPDM
WE910100013	EV-FLUID 2/2NC dir.brass 1/4" Ø5.2 EPDM
WE910100017	EV-FLUID 2/2NC dir.brass 1/4" Ø6.4 EPDM
WE910100020	EV-FLUID 2/2NC dir.brass 3/8" Ø4 EPDM
WE910100021	EV-FLUID 2/2NC dir.brass 3/8" Ø3.5 EPDM
WE910100022	EV-FLUID 2/2NC dir.brass 3/8" Ø4.5 EPDM
WE910100030	EV-FLUID 2/2NC dir.brass 3/8" Ø5.2 EPDM
WE910100031	EV-FLUID 2/2NC dir.brass 1/2" Ø6.4 EPDM
WE910100032	EV-FLUID 2/2NC dir.brass 1/2" Ø3.5 EPDM
WV910100001	EV-FLUID 2/2 NC dir.brass 1/8" Ø1.5 FPM
WV910100002	EV-FLUID 2/2 NC dir.brass 1/8" Ø2 FPM
WV910100010	EV-FLUID 2/2 NC dir.brass 1/4" Ø2.5 FPM
WV910100011	EV-FLUID 2/2 NC dir.brass 1/4" Ø3.5 FPM
WV910100012	EV-FLUID 2/2 NC dir.brass 1/4" Ø4.5 FPM
WV910100013	EV-FLUID 2/2 NC dir.brass 1/4" Ø5.2 FPM
WV910100017	EV-FLUID 2/2 NC dir.brass 1/4" Ø6.4 FPM
WV910100020	EV-FLUID 2/2 NC dir.brass 3/8" Ø4 FPM
WV910100021	EV-FLUID 2/2 NC dir.brass 3/8" Ø3.5 FPM
WV910100022	EV-FLUID 2/2 NC dir.brass 3/8" Ø4.5 FPM
WV910100030	EV-FLUID 2/2 NC dir.brass 1/2" Ø5.2 FPM
WV910100031	EV-FLUID 2/2 NC dir.brass 1/2" Ø6.4 FPM
WV910100032	EV-FLUID 2/2 NC dir.brass 1/2" Ø3.5 FPM

#### VERSION 2/2 NC, BRASS VALVE BODY AND DIAPHRAGM POPPET

W0910700001	EV-FLUID2/2NC dir.diaph.brass 1/2"Ø12NBR
W0910700002	EV-FLUID2/2NC dir.diaph.brass 3/4"Ø18NBR
WE910700001	EV-FLUID2/2NC dir.diaph.brass 1/2"Ø12EPDM
WE910700002	EV-FLUID2/2NC dir.diaph.brass 3/4"Ø18EPDM
WV910700001	EV-FLUID2/2NC dir.diaph.brass 1/2"Ø12 FPM
WV910700002	EV-FLUID2/2NC dir.diaph.brass 3/4"Ø18 FPM

#### VERSION 2/2 NC, STAINLESS STEEL VALVE BODY

W0910300001	EV-FLUID 2/2 NC dir. SST 1/8" Ø1.5 NBR
W0910300002	EV-FLUID 2/2 NC dir. SST 1/8" Ø2.5 NBR
W0910300003	EV-FLUID 2/2 NC dir. SST 1/8" Ø3.1 NBR
W0910300010	EV-FLUID 2/2 NC dir. SST 1/4" Ø2 NBR
W0910300011	EV-FLUID 2/2 NC dir. SST 1/8" Ø3.5 NBR
W0910300020	EV-FLUID 2/2 NC dir. SST 3/8" Ø3.5 NBR
W0910300021	EV-FLUID 2/2 NC dir. SST 3/8" Ø5.2 NBR
W0910300022	EV-FLUID 2/2 NC dir. SST 3/8" Ø6.4 NBR

Code	Description
W0910300030	EV-FLUID 2/2 NC dir. SST 1/2" Ø5.2 NBR
W0910300031	EV-FLUID 2/2 NC dir. SST 1/2" Ø6.4 NBR
W0910300032	EV-FLUID 2/2 NC dir. SST 1/2" Ø3.5 NBR
WE910300001	EV-FLUID 2/2 NC dir. SST 1/8" Ø1.5 EPDM
WE910300002	EV-FLUID 2/2 NC dir. SST 1/8" Ø2.5 EPDM
WE910300003	EV-FLUID 2/2 NC dir. SST 1/8" Ø3.1 EPDM
WE910300010	EV-FLUID 2/2 NC dir. SST 1/4" Ø2 EPDM
WE910300011	EV-FLUID 2/2 NC dir. SST 1/8" Ø3.5 EPDM
WE910300020	EV-FLUID 2/2 NC dir. SST 3/8" Ø3.5 EPDM
WE910300021	EV-FLUID 2/2 NC dir. SST 3/8" Ø5.2 EPDM
WE910300022	EV-FLUID 2/2 NC dir. SST 3/8" Ø6.4 EPDM
WE910300030	EV-FLUID 2/2 NC dir. SST 1/2" Ø5.2 EPDM
WE910300031	EV-FLUID 2/2 NC dir. SST 1/2" Ø6.4 EPDM
WE910300032	EV-FLUID 2/2 NC dir. SST 1/2" Ø3.5 EPDM
WV910300001	EV-FLUID 2/2 NC dir. SST 1/8" Ø1.5 FPM
WV910300002	EV-FLUID 2/2 NC dir. SST 1/8" Ø2.5 FPM
WV910300003	EV-FLUID 2/2 NC dir. SST 1/8" Ø3.1 FPM
WV910300010	EV-FLUID 2/2 NC dir. SST 1/4" Ø2 FPM
WV910300011	EV-FLUID 2/2 NC dir. SST 1/8" Ø3.5 FPM
WV910300020	EV-FLUID 2/2 NC dir. SST 3/8" Ø3.5 FPM
WV910300021	EV-FLUID 2/2 NC dir. SST 3/8" Ø5.2 FPM
WV910300022	EV-FLUID 2/2 NC dir. SST 3/8" Ø6.4 FPM
WV910300030	EV-FLUID 2/2 NC dir. SST 1/2" Ø5.2 FPM
WV910300031	EV-FLUID 2/2 NC dir. SST 1/2" Ø6.4 FPM
WV910300032	EV-FLUID 2/2 NC dir. SST 1/2" Ø3.5 FPM
WT910300001	EV-FLUID 2/2 NC dir. SST 1/8" Ø1.5 PTFE
WT910300002	EV-FLUID 2/2 NC dir. SST 1/8" Ø2.5 PTFE
WT910300003	EV-FLUID 2/2 NC dir. SST 1/8" Ø3.1 PTFE
WT910300010	EV-FLUID 2/2 NC dir. SST 1/4" Ø2 PTFE
WT910300011	EV-FLUID 2/2 NC dir. SST 1/8" Ø3.5 PTFE
WT910300020	EV-FLUID 2/2 NC dir. SST 3/8" Ø3.5 PTFE
WT910300021	EV-FLUID 2/2 NC dir. SST 3/8" Ø5.2 PTFE
WT910300022	EV-FLUID 2/2 NC dir. SST 3/8" Ø6.4 PTFE
WT910300030	EV-FLUID 2/2 NC dir. SST 1/2" Ø5.2 PTFE
WT910300031	EV-FLUID 2/2 NC dir. SST 1/2" Ø6.4 PTFE
WT910300032	EV-FLUID 2/2 NC dir. SST 1/2" Ø3.5 PTFE

#### VERSION 2/2 NC, BRASS BODY WITH BUILT-IN SLEEVE, FKM/FPM GASKETS

WV910500001	EV-FLUID 2/2 NC integr.brass 1/8"Ø1.5 FPM
WV910500002	EV-FLUID 2/2 NC integr.brass 1/4"Ø3.5 FPM
WV910500003	EV-FLUID 2/2 NC integr.brass 1/4"Ø4 FPM

#### VERSION 2/2 NO, BRASS VALVE BODY

W0910800003	EV-FLUID 2/2 NO direct,brass 1/8"Ø2 NBR
W0910800004	EV-FLUID 2/2 NO direct,brass 1/8"Ø2.5NBR
W0910800008	EV-FLUID 2/2NO direct,brass 1/4"Ø2.5 NBR
W0910800009	EV-FLUID 2/2NO direct,brass 1/4"Ø3.5 NBR
W0910800010	EV-FLUID 2/2NO direct,brass 1/4"Ø5.2 NBR
W0910800011	EV-FLUID 2/2NO direct,brass 1/4"Ø3.5 NBR
W0910810009	EV-FLUID 2/2NO direct,brass 1/4"Ø4.5 NBR
W0910810011	EV-FLUID 2/2NO direct,brass 1/4"Ø5.2 NBR
WE910800003	EV-FLUID 2/2NO direct,brass 1/8"Ø2 EPDM
WE910800004	EV-FLUID 2/2NO direct,brass 1/8"Ø2.5EPDM
WE910800008	EV-FLUID 2/2NO direct,brass 1/4"Ø2.5EPDM
WE910800009	EV-FLUID 2/2NO direct,brass 1/4"Ø3.5EPDM
WE910800010	EV-FLUID 2/2NO direct,brass 1/4"Ø4.5EPDM
WE910800011	EV-FLUID 2/2NO direct,brass 1/4"Ø5.2EPDM
WE910810009	EV-FLUID 2/2NO direct,brass 1/4"Ø4.5EPDM
WE910810010	EV-FLUID 2/2NO direct,brass 1/4"Ø5.2EPDM
WV910800003	EV-FLUID 2/2NO direct,brass 1/8"Ø2 FPM
WV910800004	EV-FLUID 2/2NO direct,brass 1/8"Ø2.5FPM
WV910800008	EV-FLUID 2/2NO direct,brass 1/4"Ø2.5FPM
WV910800009	EV-FLUID 2/2NO direct,brass 1/4"Ø3.5FPM
WV910800010	EV-FLUID 2/2NO direct,brass 1/4"Ø4.5FPM
WV910800011	EV-FLUID 2/2NO direct,brass 1/4"Ø5.2 FPM
WV910810009	EV-FLUID 2/2NO direct,brass 1/4"Ø3.5 FPM
WV910810010	EV-FLUID 2/2 NO direct,brass 1/4"Ø4.5 FPM
WV910810011	EV-FLUID 2/2NO direct,brass 1/4"Ø5.2 FPM

#### VERSION 3/2 NC, BRASS VALVE BODY

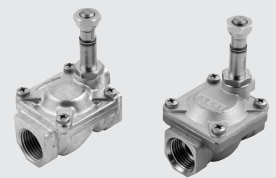
W0911000002	EV-FLUID 3/2NC direct,brass 1/8"Ø1.5 NBR
W0911000003	EV-FLUID 3/2 NC direct,brass 1/8"Ø2 NBR
W0911000004	EV-FLUID 3/2NC direct,brass 1/4"Ø1.5 NBR
W0911000005	EV-FLUID 3/2 NC direct,brass 1/4"Ø2 NBR
W0911000006	EV-FLUID 3/2NC direct,brass 1/4"Ø2.5 NBR
WE911000002	EV-FLUID 3/2NC direct,brass 1/8"Ø1.5EPDM
WE911000003	EV-FLUID 3/2 NC direct,brass 1/8"Ø2 EPDM
WE911000004	EV-FLUID 3/2NC direct,brass 1/4"Ø1.5EPDM
WE911000005	EV-FLUID 3/2 NC direct,brass 1/4"Ø2 EPDM
WE911000006	EV-FLUID 3/2 NC direct,brass 1/4"Ø2.5 EPDM

Code	Description
WE911000006	EV-FLUID 3/2NC direct,brass 1/4"Ø2.5EPDM
WV911000002	EV-FLUID 3/2NC direct,brass 1/8"Ø1.5 FPM
WV911000003	EV-FLUID 3/2 NC direct,brass 1/8"Ø2 FPM
WV911000004	EV-FLUID 3/2NC direct,brass 1/4"Ø1.5 FPM
WV911000005	EV-FLUID 3/2 NC direct,brass 1/4"Ø2 FPM
WV911000006	EV-FLUID 3/2NC direct,brass 1/4"Ø2.5 FPM

#### VERSION 3/2 NC, STAINLESS STEEL VALVE BODY

W0911200002	EV-FLUID 3/2 NC dir. sst 1/8" Ø1.5 NBR
W0911200003	EV-FLUID 3/2 NC dir. sst 1/8" Ø2 NBR
W0911200005	EV-FLUID 3/2 NC dir. sst 1/4" Ø2 NBR
W0911200006	EV-FLUID 3/2 NC dir. sst 1/4" Ø2.5 NBR
WE911200002	EV-FLUID 3/2 NC dir. sst 1/8" Ø1.5 EPDM
WE911200003	EV-FLUID 3/2 NC dir. sst 1/8" Ø2 EPDM
WE911200005	EV-FLUID 3/2 NC dir. sst 1/4" Ø2 EPDM
WE911200006	EV-FLUID 3/2 NC dir. sst 1/4" Ø2.5 EPDM
WV911200002	EV-FLUID 3/2 NC dir. sst 1/8" Ø1.5 FPM
WV911200003	EV-FLUID 3/2 NC dir. sst 1/8" Ø2 FPM
WV911200005	EV-FLUID 3/2 NC dir. sst 1/4" Ø2 FPM
WV911200006	EV-FLUID 3/2 NC dir. sst 1/4" Ø2.5 FPM

#### SOLENOID VALVES, SERIES EV-FLUID, SERVO-ASSISTED ACTION




#### VERSION 2/2 NC, BRASS VALVE BODY

W0910200001	EV-FLUID 2/2 NC ass.brass 1/4" Ø10 NBR
W0910200002	EV-FLUID 2/2 NC ass.brass 3/8" Ø10 NBR
W0910200003	EV-FLUID 2/2 NC ass.brass 3/8" Ø12 NBR
W0910200004	EV-FLUID 2/2 NC ass.brass 1/2" Ø12 NBR
W0910200005	EV-FLUID 2/2 NC ass.brass 3/4" Ø18 NBR
W0910200006	EV-FLUID 2/2 NC ass.brass 1" Ø25 NBR
W0910200007	EV-FLUID 2/2 NC ass.brass 1-1/4" Ø37 NBR
W0910200008	EV-FLUID 2/2 NC ass.brass 1-1/2" Ø37 NBR
W0910200009	EV-FLUID 2/2 NC ass.brass 2" Ø50 NBR
WE910200001	EV-FLUID 2/2 NC ass.brass 1/4" Ø10 EPDM
WE910200002	EV-FLUID 2/2 NC ass.brass 3/8" Ø10 EPDM
WE910200003	EV-FLUID 2/2 NC ass.brass 3/8" Ø12 EPDM
WE910200004	EV-FLUID 2/2 NC ass.brass 1/2" Ø12 EPDM
WE910200005	EV-FLUID 2/2 NC ass.brass 3/4" Ø18 EPDM
WE910200006	EV-FLUID 2/2 NC ass.brass 1" Ø25 EPDM
WE910200007	EV-FLUID 2/2 NC ass.brass 1-1/4" Ø37 EPDM
WE910200008	EV-FLUID 2/2 NC ass.brass 1-1/2" Ø37 EPDM
WE910200009	EV-FLUID 2/2 NC ass.brass 2" Ø50 EPDM
WV910200001	EV-FLUID 2/2 NC ass.brass 1/4" Ø10 FPM
WV910200002	EV-FLUID 2/2 NC ass.brass 3/8" Ø10 FPM
WV910200003	EV-FLUID 2/2 NC ass.brass 3/8" Ø12 FPM
WV910200004	EV-FLUID 2/2 NC ass.brass 1/2" Ø12 FPM
WV910200005	EV-FLUID 2/2 NC ass.brass 3/4" Ø18 FPM
WV910200006	EV-FLUID 2/2 NC ass.brass 1" Ø25 FPM
WV910200007	EV-FLUID 2/2 NC ass.brass 1-1/4" Ø37 FPM
WV910200008	EV-FLUID 2/2 NC ass.brass 1-1/2" Ø37 FPM
WV910200009	EV-FLUID 2/2 NC ass.brass 2" Ø50 FPM

#### VERSION 2/2 NC, STAINLESS STEEL VALVE BODY, FKM/FPM GASKETS

WV910400001	EV-FLUID 2/2 NC ass. SST 3/8" Ø12 FPM
WV910400002	EV-FLUID 2/2 NC ass. SST 1/2" Ø12 FPM
WV910400003	EV-FLUID 2/2 NC ass. SST 3/4" Ø18 FPM
WV910400004	EV-FLUID 2/2 NC ass. SST 1" Ø25 FPM

Code	Description
<b>VERSION 2/2 NO, BRASS VALVE BODY</b>	
W0910900001	EV-FLUID2/2NO ass.brass 1/4"Ø10 NBR
W0910900003	EV-FLUID2/2NO ass.brass 3/8"Ø12 NBR
W0910900004	EV-FLUID2/2NO ass.brass 1/2"Ø12 NBR
W0910900005	EV-FLUID2/2NO ass.brass 3/4"Ø18 NBR
W0910900006	EV-FLUID2/2NO ass.brass 1"Ø25 NBR
WE910900001	EV-FLUID2/2NO ass.brass 1/4"Ø10 EPDM
WE910900003	EV-FLUID2/2NO ass.brass 3/8"Ø12 EPDM
WE910900004	EV-FLUID2/2NO ass.brass 1/2"Ø12 EPDM
WE910900005	EV-FLUID2/2NO ass.brass 3/4"Ø18 EPDM
WE910900006	EV-FLUID2/2NO ass.brass 1"Ø25 EPDM
WV910900001	EV-FLUID2/2NO ass.brass 1/4"Ø10 FPM
WV910900003	EV-FLUID2/2NO ass.brass 3/8"Ø12 FPM
WV910900004	EV-FLUID2/2NO ass.brass 1/2"Ø12 FPM
WV910900005	EV-FLUID2/2NO ass.brass 3/4"Ø18 FPM
WV910900006	EV-FLUID2/2NO ass.brass 1"Ø25 FPM

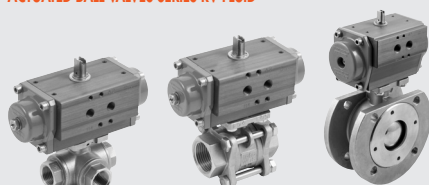
Code	Description
<b>SOLENOID VALVES, SERIES EV-FLUID, MIXED ACTION</b>	
	
<b>VERSION 2/2 NC, BRASS VALVE BODY, FKM/FPM GASKETS</b>	
WV910600003	EV-FLUID 2/2NC mixdrive,brass 3/8"Ø12 FPM
WV910600004	EV-FLUID 2/2NC mixdrive,brass 1/2"Ø12 FPM
WV910600005	EV-FLUID 2/2NC mixdrive,brass 3/4"Ø18 FPM
WV910600006	EV-FLUID 2/2NC mixdrive,brass 1"Ø25 FPM
WV910610005	EV-FLUID 2/2NC mixdrive,brass 3/4"Ø18 FPM
WV910610006	EV-FLUID 2/2NC mixdrive,brass 1"Ø25 FPM

## LINK FOR SERIES EV-FLUID

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## ACTUATED VALVES SERIES RV-FLUID

### ACTUATED BALL VALVES SERIES RV-FLUID



#### 2-WAYS BRASS ACTUATED BALL VALVES

single acting	
W0900300090	RV-FLUID ball 2V OT 1/4 DN8 SE
W0900300091	RV-FLUID ball 2V OT 3/8 DN10 SE
W0900300092	RV-FLUID ball 2V OT 1/2 DN15 SE
W0900300093	RV-FLUID ball 2V OT 3/4 DN20 SE
W0900300094	RV-FLUID ball 2V OT 1 DN25 SE
W0900300095	RV-FLUID ball 2V OT 1-1/4 DN32 SE
W0900300096	RV-FLUID ball 2V OT 1-1/2 DN40 SE
W0900300097	RV-FLUID ball 2V OT 2 DN50 SE
W0900300098	RV-FLUID ball 2V OT 2-1/2 DN65 SE
W0900300099	RV-FLUID ball 2V OT 3 DN80 SE
double acting	
W0900300101	RV-FLUID ball 2V OT 1/4 DN8 DE
W0900300102	RV-FLUID ball 2V OT 3/8 DN10 DE
W0900300103	RV-FLUID ball 2V OT 1/2 DN15 DE
W0900300104	RV-FLUID ball 2V OT 3/4 DN20 DE
W0900300105	RV-FLUID ball 2V OT 1 DN25 DE
W0900300106	RV-FLUID ball 2V OT 1-1/4 DN32 DE
W0900300107	RV-FLUID ball 2V OT 1-1/2 DN40 DE
W0900300108	RV-FLUID ball 2V OT 2 DN50 DE
W0900300109	RV-FLUID ball 2V OT 2-1/2 DN65 DE
W0900300110	RV-FLUID ball 2V OT 3 DN80 DE

#### 3-WAYS BRASS ACTUATED BALL VALVES

single acting - "L" shaped ball hole	
W0900300141	RV-FLUID ball 3V L OT 1/4 DN8 SE
W0900300142	RV-FLUID ball 3V L OT 3/8 DN10 SE
W0900300143	RV-FLUID ball 3V L OT 1/2 DN15 SE
W0900300144	RV-FLUID ball 3V L OT 3/4 DN20 SE
W0900300145	RV-FLUID ball 3V L OT 1 DN25 SE
W0900300146	RV-FLUID ball 3V L OT 1-1/4 DN32 SE
W0900300147	RV-FLUID ball 3V L OT 1-1/2 DN40 SE
W0900300148	RV-FLUID ball 3V L OT 2 DN50 SE
single acting - "T" shaped ball hole	
W0900300151	RV-FLUID ball 3V T OT 1/4 DN8 SE
W0900300152	RV-FLUID ball 3V T OT 3/8 DN10 SE
W0900300153	RV-FLUID ball 3V T OT 1/2 DN15 SE
W0900300154	RV-FLUID ball 3V T OT 3/4 DN20 SE
W0900300155	RV-FLUID ball 3V T OT 1 DN25 SE
W0900300156	RV-FLUID ball 3V T OT 1-1/4 DN32 SE
W0900300157	RV-FLUID ball 3V T OT 1-1/2 DN40 SE
W0900300158	RV-FLUID ball 3V T OT 2 DN50 SE

#### double acting - "L" shaped ball hole

W0900300121	RV-FLUID ball 3V L OT 1/4 DN8 DE
W0900300122	RV-FLUID ball 3V L OT 3/8 DN10 DE
W0900300123	RV-FLUID ball 3V L OT 1/2 DN15 DE
W0900300124	RV-FLUID ball 3V L OT 3/4 DN20 DE
W0900300125	RV-FLUID ball 3V L OT 1 DN25 DE
W0900300126	RV-FLUID ball 3V L OT 1-1/4 DN32 DE
W0900300127	RV-FLUID ball 3V L OT 1-1/2 DN40 DE
W0900300128	RV-FLUID ball 3V L OT 2 DN50 DE

#### double acting - "T" shaped ball hole

W0900300131	RV-FLUID ball 3V T OT 1/4 DN8 DE
W0900300132	RV-FLUID ball 3V T OT 3/8 DN10 DE
W0900300133	RV-FLUID ball 3V T OT 1/2 DN15 DE
W0900300134	RV-FLUID ball 3V T OT 3/4 DN20 DE
W0900300135	RV-FLUID ball 3V T OT 1 DN25 DE
W0900300136	RV-FLUID ball 3V T OT 1-1/4 DN32 DE
W0900300137	RV-FLUID ball 3V T OT 1-1/2 DN40 DE
W0900300138	RV-FLUID ball 3V T OT 2 DN50 DE

#### 2-WAYS STAINLESS STEEL ACTUATED BALL VALVES

single acting	
W0900300009	RV-FLUID ball 2V stainless 1/4 DN10 SE
W0900300010	RV-FLUID ball 2V stainless 3/8 DN10 SE
W0900300011	RV-FLUID ball 2V stainless 1/2 DN15 SE
W0900300012	RV-FLUID ball 2V stainless 3/4 DN20 SE
W0900300013	RV-FLUID ball 2V stainless 1 DN25 SE
W0900300014	RV-FLUID ball 2V stainless 1-1/4 DN32 SE
W0900300015	RV-FLUID ball 2V stainless 1-1/2 DN40 SE
W0900300016	RV-FLUID ball 2V stainless 2 DN50 SE
double acting	
W0900300001	RV-FLUID ball 2V stainless 1/4 DN10 DE
W0900300002	RV-FLUID ball 2V stainless 3/8 DN10 DE
W0900300003	RV-FLUID ball 2V stainless 1/2 DN15 DE
W0900300004	RV-FLUID ball 2V stainless 3/4 DN20 DE
W0900300005	RV-FLUID ball 2V stainless 1 DN25 DE
W0900300006	RV-FLUID ball 2V stainless 1-1/4 DN32 DE
W0900300007	RV-FLUID ball 2V stainless 1-1/2 DN40 DE
W0900300008	RV-FLUID ball 2V stainless 2 DN50 DE

#### 3-WAYS STAINLESS STEEL ACTUATED BALL VALVES

single acting - "L" shaped ball hole	
W0900300161	RV-FLUID ball 3V L stainless 1/4 DN8 SE
W0900300162	RV-FLUID ball 3V L stainless 3/8 DN10 SE
W0900300163	RV-FLUID ball 3V L stainless 1/2 DN15 SE
W0900300164	RV-FLUID ball 3V L stainless 3/4 DN20 SE
W0900300165	RV-FLUID ball 3V L stainless 1 DN25 SE
W0900300166	RV-FLUID ball 3V L stainless 1-1/4 DN32 SE
W0900300167	RV-FLUID ball 3V L stainless 1-1/2 DN40 SE
W0900300168	RV-FLUID ball 3V L stainless 2 DN50 SE
single acting - "T" shaped ball hole	
W0900300171	RV-FLUID ball 3V T stainless 1/4 DN8 SE
W0900300172	RV-FLUID ball 3V T stainless 3/8 DN10 SE
W0900300173	RV-FLUID ball 3V T stainless 1/2 DN15 SE
W0900300174	RV-FLUID ball 3V T stainless 3/4 DN20 SE
W0900300175	RV-FLUID ball 3V T stainless 1 DN25 SE
W0900300176	RV-FLUID ball 3V T stainless 1-1/4 DN32 SE
W0900300177	RV-FLUID ball 3V T stainless 1-1/2 DN40 SE
W0900300178	RV-FLUID ball 3V T stainless 2 DN50 SE

#### double acting - "L" shaped ball hole

W0900300080	RV-FLUID ball 3V L stainless 1/4 DN8 DE
W0900300081	RV-FLUID ball 3V L stainless 3/8 DN10 DE
W0900300082	RV-FLUID ball 3V L stainless 1/2 DN15 DE
W0900300083	RV-FLUID ball 3V L stainless 3/4 DN20 DE
W0900300084	RV-FLUID ball 3V L stainless 1 DN25 DE
W0900300085	RV-FLUID ball 3V L stainless 1-1/4 DN32 DE
W0900300086	RV-FLUID ball 3V L stainless 1-1/2 DN40 DE
W0900300087	RV-FLUID ball 3V L stainless 2 DN50 DE

#### double acting - "T" shaped ball hole

W0900300112	RV-FLUID ball 3V T stainless 1/4 DN8 DE
W0900300113	RV-FLUID ball 3V T stainless 3/8 DN10 DE
W0900300114	RV-FLUID ball 3V T stainless 1/2 DN15 DE
W0900300115	RV-FLUID ball 3V T stainless 3/4 DN20 DE
W0900300116	RV-FLUID ball 3V T stainless 1 DN25 DE
W0900300117	RV-FLUID ball 3V T stainless 1-1/4 DN32 DE
W0900300118	RV-FLUID ball 3V T stainless 1-1/2 DN40 DE
W0900300119	RV-FLUID ball 3V T stainless 2 DN50 DE

#### 3-PIECE STAINLESS STEEL ACTUATED BALL VALVES

single acting	
W0900300201	RV-FLUID ball 2V 3PZ stainless 1/4 DN10 SE
W0900300202	RV-FLUID ball 2V 3PZ stainless 3/8 DN10 SE
W0900300203	RV-FLUID ball 2V 3PZ stainless 1/2 DN15 SE
W0900300204	RV-FLUID ball 2V 3PZ stainless 3/4 DN20 SE
W0900300205	RV-FLUID ball 2V 3PZ stainless 1 DN25 SE
W0900300206	RV-FLUID ball 2V 3PZ stainless 1-1/4 DN32 SE
W0900300207	RV-FLUID ball 2V 3PZ stainless 1-1/2 DN40 SE
W0900300208	RV-FLUID ball 2V 3PZ stainless 2 DN50 SE
W0900300209	RV-FLUID ball 2V 3PZ stainless 2-1/2 DN65 SE
W0900300210	RV-FLUID ball 2V 3PZ stainless 3 DN80 SE
double acting	
W0900300181	RV-FLUID ball 2V 3PZ stainless 1/4 DN10 DE
W0900300182	RV-FLUID ball 2V 3PZ stainless 3/8 DN10 DE
W0900300183	RV-FLUID ball 2V 3PZ stainless 1/2 DN15 DE
W0900300184	RV-FLUID ball 2V 3PZ stainless 3/4 DN20 DE
W0900300185	RV-FLUID ball 2V 3PZ stainless 1 DN25 DE
W0900300186	RV-FLUID ball 2V 3PZ stainless 1-1/4 DN32 DE
W0900300187	RV-FLUID ball 2V 3PZ stainless 1-1/2 DN40 DE
W0900300188	RV-FLUID ball 2V 3PZ stainless 2 DN50 DE
W0900300189	RV-FLUID ball 2V 3PZ stainless 2-1/2 DN65 DE
W0900300190	RV-FLUID ball 2V 3PZ stainless 3 DN80 DE

#### WAFER STAINLESS STEEL ACTUATED BALL VALVES

single acting	
W0900300031	RV-FLUID ball 2V WF stainless 1/2 DN15 SE
W0900300032	RV-FLUID ball 2V WF stainless 3/4 DN20 SE
W0900300033	RV-FLUID ball 2V WF stainless 1 DN25 SE
W0900300034	RV-FLUID ball 2V WF stainless 1-1/4 DN32 SE
W0900300035	RV-FLUID ball 2V WF stainless 1-1/2 DN40 SE
W0900300036	RV-FLUID ball 2V WF stainless 2 DN50 SE
double acting	
W0900300021	RV-FLUID ball 2V WF stainless 1/2 DN15 DE
W0900300022	RV-FLUID ball 2V WF stainless 3/4 DN20 DE
W0900300023	RV-FLUID ball 2V WF stainless 1 DN25 DE
W0900300024	RV-FLUID ball 2V WF stainless 1-1/4 DN32 DE
W0900300025	RV-FLUID ball 2V WF stainless 1-1/2 DN40 DE
W0900300026	RV-FLUID ball 2V WF stainless 2 DN50 DE

**Code Description**  
**ACTUATED BUTTERFLY VALVES SERIES RV-FLUID**



**ACTUATED BUTTERFLY VALVES**

**single acting**

W0900300051	RV-FLUID butterfly cast-iron 2 DN50 SE
W0900300052	RV-FLUID butterfly cast-iron 2-1/2 DN65 SE
W0900300053	RV-FLUID butterfly cast-iron 3 DN80 SE
W0900300054	RV-FLUID butterfly cast-iron 4 DN100 SE
W0900300055	RV-FLUID butterfly cast-iron 5 DN125 SE
W0900300056	RV-FLUID butterfly cast-iron 6 DN150 SE
W0900300057	RV-FLUID butterfly cast-iron 8 DN200 SE

**double acting**

W0900300041	RV-FLUID butterfly cast-iron 2 DN50 DE
W0900300042	RV-FLUID butterfly cast-iron 2-1/2 DN65 DE
W0900300043	RV-FLUID butterfly cast-iron 3 DN80 DE
W0900300044	RV-FLUID butterfly cast-iron 4 DN100 DE
W0900300045	RV-FLUID butterfly cast-iron 5 DN125 DE
W0900300046	RV-FLUID butterfly cast-iron 6 DN150 DE
W0900300047	RV-FLUID butterfly cast-iron 8 DN200 DE

**Code Description**  
**ROTARY ACTUATOR R4 SERIES**



**double acting**

W790A032GQ009DA	Rot. Act. R4 Ø032 F03 Q09 DE
W790B032GQ009DA	Rot. Act. R4 Ø032 F04 Q09 DE
W79AC042GQ009DA	Rot. Act. R4 Ø042 F03/05 Q09 DE
W79AC042GQ011DA	Rot. Act. R4 Ø042 F03/05 Q11 DE
W790B042GQ009DA	Rot. Act. R4 Ø042 F04 Q09 DE
W790B042GQ011DA	Rot. Act. R4 Ø042 F04 Q11 DE
W79AC050GQ009DA	Rot. Act. R4 Ø050 F03/05 Q09 DE
W79AC050GQ011DA	Rot. Act. R4 Ø050 F03/05 Q11 DE
W790B050GQ009DA	Rot. Act. R4 Ø050 F04 Q09 DE
W790B050GQ011DA	Rot. Act. R4 Ø050 F04 Q11 DE
W79AD063GQ011DA	Rot. Act. R4 Ø063 F03/05/07 Q09 DE
W79AD063GQ014DA	Rot. Act. R4 Ø063 F03/05/07 Q11 DE
W79AD063GQ017DA	Rot. Act. R4 Ø063 F03/05/07 Q14 DE
W790B063GQ009DA	Rot. Act. R4 Ø063 F04 Q09 DE
W790B063GQ011DA	Rot. Act. R4 Ø063 F04 Q11 DE
W790B063GQ014DA	Rot. Act. R4 Ø063 F04 Q14 DE
W790D075GQ011DA	Rot. Act. R4 Ø075 F05/07 Q11 DE
W790D075GQ014DA	Rot. Act. R4 Ø075 F05/07 Q14 DE
W790D075GQ017DA	Rot. Act. R4 Ø075 F05/07 Q17 DE
W790B075GQ011DA	Rot. Act. R4 Ø075 F04 Q11 DE
W790B075GQ014DA	Rot. Act. R4 Ø075 F04 Q14 DE
W790B075GQ017DA	Rot. Act. R4 Ø075 F04 Q17 DE
W790D085GQ014DA	Rot. Act. R4 Ø085 F05/07 Q14 DE
W790D085GQ017DA	Rot. Act. R4 Ø085 F05/07 Q17 DE
W79DE100GQ014DA	Rot. Act. R4 Ø100 F05/07/10 Q14 DE
W79DE100GQ017DA	Rot. Act. R4 Ø100 F05/07/10 Q17 DE
W79DE100GQ022DA	Rot. Act. R4 Ø100 F05/07/10 Q22 DE
W790E115GQ017DA	Rot. Act. R4 Ø115 F07/10 Q17 DE
W790E115GQ022DA	Rot. Act. R4 Ø115 F07/10 Q22 DE
W790E125GQ017DA	Rot. Act. R4 Ø125 F07/10 Q17 DE
W790E125GQ022DA	Rot. Act. R4 Ø125 F07/10 Q22 DE
W790F145GQ022DA	Rot. Act. R4 Ø145 F10/12 Q22 DE

**Code Description**

**single acting**

W79AC042GQ009SR	Rot. Act. R4 Ø042 F03/05 Q09 SE
W79AC042GQ011SR	Rot. Act. R4 Ø042 F03/05 Q11 SE
W790B042GQ009SR	Rot. Act. R4 Ø042 F04 Q09 SE
W790B042GQ011SR	Rot. Act. R4 Ø042 F04 Q11 SE
W79AC050GQ009SR	Rot. Act. R4 Ø050 F03/05 Q09 SE
W79AC050GQ011SR	Rot. Act. R4 Ø050 F03/05 Q11 SE
W790B050GQ009SR	Rot. Act. R4 Ø050 F04 Q09 SE
W790B050GQ011SR	Rot. Act. R4 Ø050 F04 Q11 SE
W79AD063GQ009SR	Rot. Act. R4 Ø063 F03/05/07 Q09 SE
W79AD063GQ011SR	Rot. Act. R4 Ø063 F03/05/07 Q11 SE
W79AD063GQ014SR	Rot. Act. R4 Ø063 F03/05/07 Q14 SE
W790B063GQ009SR	Rot. Act. R4 Ø063 F04 Q09 SE
W790B063GQ011SR	Rot. Act. R4 Ø063 F04 Q11 SE
W790B063GQ014SR	Rot. Act. R4 Ø063 F04 Q14 SE
W790D075GQ011SR	Rot. Act. R4 Ø075 F05/07 Q11 SE
W790D075GQ014SR	Rot. Act. R4 Ø075 F05/07 Q14 SE
W790D075GQ017SR	Rot. Act. R4 Ø075 F05/07 Q17 SE
W790B075GQ011SR	Rot. Act. R4 Ø075 F04 Q11 SE
W790B075GQ014SR	Rot. Act. R4 Ø075 F04 Q14 SE
W790B075GQ017SR	Rot. Act. R4 Ø075 F04 Q17 SE
W790D085GQ014SR	Rot. Act. R4 Ø085 F05/07 Q14 SE
W790D085GQ017SR	Rot. Act. R4 Ø085 F05/07 Q17 SE
W79DE100GQ014SR	Rot. Act. R4 Ø100 F05/07/10 Q14 SE
W79DE100GQ017SR	Rot. Act. R4 Ø100 F05/07/10 Q17 SE
W79DE100GQ022SR	Rot. Act. R4 Ø100 F05/07/10 Q22 SE
W790E115GQ017SR	Rot. Act. R4 Ø115 F07/10 Q17 SE
W790E115GQ022SR	Rot. Act. R4 Ø115 F07/10 Q22 SE
W790E125GQ017SR	Rot. Act. R4 Ø125 F07/10 Q17 SE
W790E125GQ022SR	Rot. Act. R4 Ø125 F07/10 Q22 SE
W790F145GQ022SR	Rot. Act. R4 Ø145 F10/12 Q22 SE

**LINK FOR ACTUATED VALVES SERIES RV-FLUID**

"ACCESSORIES RV-FLUID" PAGE 111  
"SPARE PARTS R4 - RV-FLUID" PAGE 118



## COILS AND CONNECTORS L=15 MM, L=22 MM, L=30 MM

Description	Code	Series 70 e NAMUR	Series BASIC	PIV.M	PIV BASE	PIV LINEA	CNOMO	MACH 16 MACH 18	ISO 5599/1 SERIE IPV-ISV	Series 70 SAFE AIR	ISO 5599/1 SERIE SAFE AIR	EV-FLUID	SYNTESI	SKILLAIR	NEW DEAL
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### COILS SIDE 22 mm



#### COIL FOR PIV.I SOLENOID VALVES

Coil 22 Ø 8 5W-12VDC 12VDC	W0215000051				X	X									
Coil 22 Ø 8 5W-24VDC 24VDC	W0215000001				X	X									
Coil 22 Ø 8 5VA-24VAC 24V 50/60Hz	W0215000011				X	X									
Coil 22 Ø 8 5VA-110VAC 110V 50/60Hz	W0215000021				X	X									
Coil 22 Ø 8 5VA-220VAC 220V 50/60Hz	W0215000031				X	X									

#### COIL FOR 70 SERIES, NAMUR, CNOMO SOLENOID, ISO 5599/1 SOLENOID SERIE ISV, SAFE AIR®

Coil 22 Ø8 BA 2W-12VDC 12VDC	W0215000151	X	X				X	X	X	X			X	X	X
Coil 22 Ø8 BA 2W-24VDC 24VDC	W0215000101	X	X				X	X	X	X			X	X	X
Coil 22 Ø8 BA 3.5VA-24VAC 24V 50/60Hz	W0215000111	X	X				X	X	X	X			X	X	X
Coil 22 Ø8 BA 3.5VA-110VAC 110V 50/60Hz	W0215000121	X	X				X	X	X	X			X	X	X
Coil 22 Ø8 BA 3.5VA-220VAC 220V 50/60Hz	W0215000131	X	X				X	X	X	X			X	X	X

#### COILS FOR PIV.T SOLENOID VALVES

Coil 22 Ø9 3.8W-24VDC 24VDC	W0216000001				X										
Coil 22 Ø9 6.5VA-24VAC 24V 50/60Hz	W0216000011				X										
Coil 22 Ø9 6.5VA-110VAC 110V 50/60Hz	W0216000021				X										
Coil 22 Ø9 6.5VA-220VAC 220V 50/60Hz	W0216000031				X										

#### "UL AND "CSA" COILS FOR APR AND V3V FOR 70 SERIES, NAMUR, CNOMO SOLENOID, ISO 5599/1 SOLENOID SERIE ISV, SAFE AIR®

Coil 22 Ø8 BA 2W-12VDC 12VDC UR	W0215000251	X	X				X	X	X	X			X	X	X
Coil 22 Ø8 BA 2W-24VDC 24VDC UR	W0215000201	X	X				X	X	X	X			X	X	X
Coil 22 Ø8 BA 3.5VA-24VAC 50/60Hz UR	W0215000211	X	X				X	X	X	X			X	X	X
Coil 22 Ø8 BA 3.5VA-110VAC 50/60Hz UR	W0215000221	X	X				X	X	X	X			X	X	X
Coil 22 Ø8 BA 3.5VA-220VAC 50/60Hz UR	W0215000231	X	X				X	X	X	X			X	X	X

#### TYPE 3

Coil 22 Ø10 Type 3, 6.5W 12VDC	W0911100001											X			
Coil 22 Ø10 Type 3, 6.5W 24VDC	W0911100002											X			
Coil 22 Ø10 Type 3, 8VA 24V 50/60Hz	W0911100003											X			
Coil 22 Ø10 Type 3, 8VA 110V 50/60Hz	W0911100004											X			
Coil 22 Ø10 Type 3, 8VA 220V 50/60Hz	W0911100005											X			

### COILS SIDE 30 mm



#### COILS FOR PIV.B SOLENOID VALVES

Coil 30 Ø13 10W-24VDC 24Vcc	W0216001001				X	X									X
Coil 30 Ø13 13VA-24VAC 24V 50/60Hz	W0216001011				X	X									X
Coil 30 Ø13 13VA-110VAC 110V 50/60Hz	W0216001021				X	X									X
Coil 30 Ø13 13VA-220VAC 220V 50/60Hz	W0216001031				X	X									X

#### COIL FOR CNOMO SOLENOID, ISO 5599/1 SOLENOID SERIE ISV

Coil 30 Ø8 2W-24VDC 24Vcc	W0210010100						X	X		X			X	X	X
Coil 30 Ø8 3.5VA-24VAC 24V 50/60 HZ	W0210011100						X	X		X			X	X	X
Coil 30 Ø8 3.5VA-110VAC 110V 50/60Hz	W0210012100						X	X		X			X	X	X
Coil 30 Ø8 3.5VA-220VAC 220V 50/60 HZ	W0210013100						X	X		X			X	X	X

#### KIT FOR COIL EEXM FOR 70 SERIES, ISO 5599/1 SOLENOID SERIE ISV, SAFE AIR®



Kit for coil 30 24 VDC EEXMT5 cable 3m	0227606913	X	X					X	X	X			X	X	X
Kit for coil 30 24 VDC EEXMT5 cable 5m	0227606915	X	X					X	X	X			X	X	X
Kit for coil 30 24 VAC EEXMT5 cable 3m	0227608013	X	X					X	X	X			X	X	X
Kit for coil 30 24 VAC EEXMT5 cable 5m	0227608015	X	X					X	X	X			X	X	X
Kit for coil 30 110 VAC EEXMT5 cable 3m	0227608023	X	X					X	X	X			X	X	X
Kit for coil 30 110 VAC EEXMT5 cable 5m	0227608025	X	X					X	X	X			X	X	X
Kit for coil 30 230 VAC EEXMT5 cable 3m	0227608033	X	X					X	X	X			X	X	X
Kit for coil 30 230 VAC EEXMT5 cable 5m	0227608035	X	X					X	X	X			X	X	X

#### TYPE 4

Coil 30 Ø10 Type 4, 5W 12VDC	W0911100006											X			
Coil 30 Ø10 Type 4, 5W 24VDC	W0911100007											X			
Coil 30 Ø10 Type 4, 11VA 24V 50/60Hz	W0911100008											X			
Coil 30 Ø10 Type 4, 11VA 110V 50/60Hz	W0911100009											X			
Coil 30 Ø10 Type 4, 11VA 220V 50/60Hz	W0911100010											X			

#### TYPE 2

Coil 30 Ø13 Type 2, 10W 12VDC	W0911100011											X			
Coil 30 Ø13 Type 2, 10W 24VDC	W0911100012											X			
Coil 30 Ø13 Type 2, 15VA 24V 50/60Hz	W0911100013											X			
Coil 30 Ø13 Type 2, 15VA 110V 50/60Hz	W0911100014											X			
Coil 30 Ø13 Type 2, 15VA 220V 50/60Hz	W0911100015											X			

Descrizione	Codice	Serie 70 e NAMUR	Serie BASIC	PIV.M	PIV BASE	PIV LINEA	CNOMO	MACH 16 MACH 18	ISO 5599/1 SERIE IPV-ISV	SERIE 70 SAFE AIR	ISO 5599/1 SERIE SAFE AIR	EV-FLUID	SYNTESI	SKILLAIR	NEW DEAL
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**COILS SIDE 36 mm**

**TYPE 5**

Coil 36 Ø13 Type 5, 27W 12VDC	W0911100016											X			
Coil 36 Ø13 Type 5, 27W 24VDC	W0911100017											X			
Coil 36 Ø13 Type 5, 30VA 24V 50/60Hz	W0911100018											X			
Coil 36 Ø13 Type 5, 30VA 110V 50/60Hz	W0911100019											X			
Coil 36 Ø13 Type 5, 30VA 220V 50/60Hz	W0911100020											X			

**KIT COILS SIDE 22 IP65**



Kit for coils 22 - IP65	0222100100	X	X						X	X	X		X	X	X
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**CONNECTORS SIDE 15 mm**



**CONNETTORE ELETTRICO MICRO 15 MM**

Conn. 15 STD - black	W0970500011			X											
Conn. 15 LED 24V - transparent	W0970500012			X											
Conn. 15 LED110V - transparent	W0970500013			X											
Conn. 15 LED VDR 24V - transparent	W0970500015			X											
Conn. 15 LED VDR 110V - transparent	W0970500016			X											

**CONNECTOR 15 mm SHAPE C TO DIN 43650 FOR MACH 16 AND MACH 18**

Conn. 15 mm shape C DIN 43650	W0970501021							X							
Conn. 15 mm shape C DIN 43650 LED 24V	W0970501022							X							
Conn. 15 mm shape C DIN 43650 LED+VDR 24V	W0970501025							X							

**CONNECTORS SIDE 22 mm**



**CONNECTORS FOR 70 SERIES, NAMUR, PIV.I-PIV.T, CNOMO SOLENOID, ISO 5599/1 SOLENOID SERIE ISV**

Connect. Standard 22mm Black	W0970510011	X	X		X	X	X		X	X	X	X	X	X	X
Connect. LED 24V 22mm Trasparent	W0970510012	X	X		X	X	X		X	X	X	X	X	X	X
Connect. LED 110V 22mm Trasparent	W0970510013	X	X		X	X	X		X	X	X	X	X	X	X
Connect. LED 220V 22mm Trasparent	W0970510014	X	X		X	X	X		X	X	X	X	X	X	X
Connect. LED + VDR 24V 22mm Trasparent	W0970510015	X	X		X	X	X		X	X	X	X	X	X	X
Connect. LED + VDR 110V 22mm Trasparent	W0970510016	X	X		X	X	X		X	X	X	X	X	X	X
Connect. LED + VDR 220V 22mm Trasparent	W0970510017	X	X		X	X	X		X	X	X	X	X	X	X
Connect. Atex II 2 GD 22mm Black	W0970510070	X	X		X	X	X		X	X	X	X	X	X	X

**CONNECTORS SIDE 30 mm**



**CONNECTORS FOR 70 SERIES, NAMUR, PIV.B, CNOMO SOLENOID, ISO 5599/1 SOLENOID SERIE ISV**

Connect. Standard 30mm Black	W0970520033				X	X	X		X		X	X	X	X	X
Connect. LED 24V 30mm Trasparent	W0970520034				X	X	X		X		X	X	X	X	X
Connect. LED 110V 30mm Trasparent	W0970520035				X	X	X		X		X	X	X	X	X
Connect. LED 220V 30mm Trasparent	W0970520036				X	X	X		X		X	X	X	X	X
Connect. LED + VDR 24V 30mm Trasparent	W0970520037				X	X	X		X		X	X	X	X	X
Connect. LED + VDR 110V 30mm Trasparent	W0970520038				X	X	X		X		X	X	X	X	X
Connect. LED + VDR 220V 30mm Trasparent	W0970520039				X	X	X		X		X	X	X	X	X

## ACCESSORIES VALVES

Description Diameter	Code														
			TWO HAND SAFETY	ERIE 70 PNV-SOV E SERIE BASIC	SERIE 70 SU BASE	PLF-10	PLF-10 MULTIPLE CONNECTION	CNOMO	MINIMACH	MACH 11	MACH 16	MACH 16 MULTIPLE CONNECTORS	ELEKTRO SK	ELEKTRO SSC	

### CONNECTION BRACKETS ON THE BAR OMEGA (DIN EN 50022)



Connection brackets on DIN bar

0227300600

X

X

X

X

### MANIFOLDS 1/8

#### MANIFOLD WITH 2 TO 7 POSITIONS + FITTINGS

Manifold 2 posit. CSA-18-02

0221000200

X

Manifold 3 posit. CSA-18-03

0221000300

X

Manifold 4 posit. CSA-18-04

0221000400

X

Manifold 5 posit. CSA-18-05

0221000500

X

Manifold 6 posit. CSA-18-06

0221000600

X

Manifold 7 posit. CSA-18-07

0221000700

X

#### BRACKET SET

Bracket set H60 CSA-18-OC

0221000191

X

Bracket set H120 CSA-18-OO

0221000190

X

Bracket set H30 CSA-18-OE

0221000192

X

### MANIFOLDS 1/4

#### MANIFOLD WITH 2 TO 7 POSITIONS + FITTINGS



Manifold 2 posit. CSA-14-02

0222000200

X

Manifold 3 posit. CSA-14-03

0222000300

X

Manifold 4 posit. CSA-14-04

0222000400

X

Manifold 5 posit. CSA-14-05

0222000500

X

Manifold 6 posit. CSA-14-06

0222000600

X

Manifold 7 posit. CSA-14-07

0222000700

X

#### BRACKET SET

Bracket set H60 CSA-14-OC

0222000191

X

Bracket set H120 CSA-14-OO

0222000190

X

Bracket set H30 CSA-14-OE

0222000192

X

### BAR OMEGA (DIN EN 50022)



Omega-adapter Mach 16

0225004600

Adapter for omega bar 1/8"

0226004600

X

Connection brackets on DIN bar bases PLF-10

0227301610

X

X

### PLUG-IN CONNECTOR



Plug-in connector for MACH 11 L = 300

W0970512000

Plug-in connector for MACH 11 L = 1 m

W0970512007

Plug-in connector for MACH 11 L = 2 m

W0970512002

X

X

X

X

X

X

X

X

X

### M8 STRAIGHT CONNECTOR WITH CABLE



M8 female 3 PIN HIGH FLEX CL6 connector with cable L = 1 m

02400A0100

M8 female 3 PIN HIGH FLEX CL6 connector with cable L = 2.5 m

02400A0250

M8 female 3 PIN HIGH FLEX CL6 connector with cable L = 5 m

02400A0500

M8 female 3 PIN HIGH FLEX CL6 connector with cable L = 10 m

02400A1000

X

X

X

X

X

X

X

X

X

X

X

X

### 90° M8 CONNECTOR WITH CABLE



M8 female 3 PIN 90° HIGH FLEX CL6 connector with cable L = 1 m

02400B0100

M8 female 3 PIN 90° HIGH FLEX CL6 connector with cable L = 2.5 m

02400B0250

M8 female 3 PIN 90° HIGH FLEX CL6 connector with cable L = 5 m

02400B0500

M8 female 3 PIN 90° HIGH FLEX CL6 connector with cable L = 10 m

02400B1000

X

X

X

X

X

X

X

X

X

X

X

X

### CAP FOR UNUSED POSITION



Cap 10 mm

W0400100200

X

X

### TERMINAL CONNECTORS



Straight and 90° connector kit, 9 wires

0226180102

Straight and 90° connector kit, 25 wires

0226180101

X

X

### STRAIGHT PRE-WIRED CONNECTOR KIT



Straight D-Sub 9-PIN connector + cable L = 1 m

0226900100

Straight D-Sub 9-PIN connector + cable L = 2.5 m

0226900250

Straight D-Sub 9-PIN connector + cable L = 5 m

0226900500

Connector + 25-wire axial cable L = 1 m

0226920100

Connector + 25-wire axial cable L = 2.5 m

0226920250

Connector + 25-wire axial cable L = 5 m

0226920500

X

X

X

X

X

X



Description  
Diameter

Code

TWO HAND SAFETY

ERIE 70  
PNV-SCV E SERIE BASIC

SERIE 70 SU BASE

PLF10

PLF10  
MULTIPLE CONNECTION

CNOMO

MINIMACH

MACH 11

MACH 16

MACH 16  
MULTIPLE CONNECTORS

ELECTRO SK

ELECTRO SSC

**MALE CONNECTOR**



Male connector 2 mm

W0970504021

X



## ACCESSORIES EB80 MODULE













Descriptin Diameter	Code												
			MODULI DI SEGNALI S	MULTI-POLE ELECTRICAL CONNECTION E	ELECTRICAL CONNECTION WITH FIELDBUS E	ADDITIONAL ELECTRICAL CONNECTION E	COMPRESSED- AIR SUPPLY P	BASES FOR VALVES B	INTERMEDIATE SUPPORT M	CLOSED END-PLATE C	EB80 BOXI		
<b>M8 CONNECTOR FOR DIGITAL INPUTS / OUTPUTS</b>													
M8 3-pin straight connector	0240009010		X										
<b>M8 CONNECTOR WITH CABLE FOR DIGITAL INPUTS /OUTPUTS</b>													
M8-M8 straight connector with cable L = 3 m	0240009009		X										
<b>M8 MALE CONNECTOR FOR ANALOGUE INPUTS/OUTPUTS</b>													
M8 4-pin male connector	0240010300		X										
<b>M8 CONNECTOR FOR POWER SUPPLY</b>													
M8 4-pin female connector for power supply, cable L = 3 m	0240009060		X		X	X				X			
M8 4-pin female connector for power supply, cable L = 5 m	0240009037		X		X	X				X			
M8 4-pin female connector for power supply, cable L = 10 m	0240009058		X		X	X				X			
M8 4-pin female connector for power supply, cable L = 15 m	0240009059		X		X	X				X			
M8 4-pin female connector for power supply, H-FLEX CL6, cable L = 3 m	0240009P60		X		X	X				X			
M8 4-pin female connector for power supply, H-FLEX CL6, cable L = 5 m	0240009P37		X		X	X				X			
M8 4-pin female connector for power supply, H-FLEX CL6, cable L = 10 m	0240009P58		X		X	X				X			
M8 4-pin female connector for power supply, H-FLEX CL6, cable L = 15 m	0240009P59		X		X	X				X			
<b>90° M8 CONNECTORS</b>													
M8 4-pin connector - female, 90° angle L = 2 m	0240009102		X										
M8 4-pin connector - female, 90° angle L = 5 m	0240009103		X						X				
<b>M8 4-POLE MALE CONNECTOR</b>													
M8 4-pin connector shielded cable L = 5 m	0240010105		X										
<b>3-POLE MALE M8 - 5-POLE FEMALE M12 CONNECTOR WITH DIGITAL INPUT/OUTPUT CABLE</b>													
M8 3-pole male - M12 5-pole female connector, cable L = 0.2 m	0240009045		X										
<b>4-POLE MALE M8 - 8-POLE FEMALE M12 CONNECTOR WITH REGTRONIC CONNECTION CABLE</b>													
M8 4-pole male - M12 8-pole female connector, cable L = 1 m	0240009046		X										
<b>M8 CONNECTOR WITH ANALOGICAL INPUT/OUTPUT SHIELDED CABLE</b>													
M8-M, M8-F 4-pole connector, shielded cable L = 1 m	0240005005		X										
M8-M, M8-F 4-pole connector, shielded cable L = 3 m	0240005006		X										
M8-M, M8-F 4-pole connector, shielded cable L = 5 m	0240005003		X										
M8-M, M8-F 4-pole connector, shielded cable L = 10 m	0240005008		X										
<b>25-PIN PRE-WIRED PLUG CONNECTOR</b>													
IP65 25-pin 90° connector, cable L = 1 m	02269A0100				X								
IP65 25-pin 90° connector, cable L = 2.5 m	02269A0250				X								
IP65 25-pin 90° connector, cable L = 5 m	02269A0500				X								
IP65 25-pin 90° connector, cable L = 10 m	02269A1000				X								
IP65 25-pin 90° connector, cable L = 20 m	02269A2000				X								
IP65 25-pin 90° connector, UL robotics, cable L = 1 m	02269C0100				X								
IP65 25-pin 90° connector, UL robotics, cable L = 2.5 m	02269C0250				X								
IP65 25-pin 90° connector, UL robotics, cable L = 5 m	02269C0500				X								
IP65 25-pin 90° connector, UL robotics, cable L = 10 m	02269C1000				X								
<b>44-PIN PRE-WIRED PLUG CONNECTOR</b>													
IP65 44-pin 90° connector, cable L = 1 m	02269B0100				X								
IP65 44-pin 90° connector, cable L = 2.5 m	02269B0250				X								
IP65 44-pin 90° connector, cable L = 5 m	02269B0500				X								
IP65 44-pin 90° connector, cable L = 10 m	02269B1000				X								
IP65 44-pin 90° connector, cable L = 20 m	02269B2000				X								
IP65 44-pin 90° connector, UL robotics, cable L = 1 m	02269D0100				X								
IP65 44-pin 90° connector, UL robotics, cable L = 2.5 m	02269D0250				X								
IP65 44-pin 90° connector, UL robotics, cable L = 5 m	02269D0500				X								
IP65 44-pin 90° connector, UL robotics, cable L = 10 m	02269D1000				X								
<b>M12 FEMALE CONNECTOR FOR BUS-IN, A ENCODING</b>													
M12 female connector, encoding A	0240009055				X								
























## ACCESSORIES HDM - CM - MM

VALVES

Description Diameter	Code		HDM + MULTITRE CONNECTIONS	HDM + AS-INTERFACE	HDM + PROFIBUS-DP	HDM + ETHERNET/IP	HDM + CANOPEN	HDM	CM + MULTIPLE CONNECTIONS	CM + PROFNET IO	CM + ETHERCAT	CM + ETHERNET/IP	CM + CANOPEN	CM	MM	PROFIBUS-DP/CANOPEN/DEVICENET	INPUT/OUTPUT PROFIBUS-DP IP 67 M12	FIEDBUS INPUT PROFIBUS-DP IP67 M8	
<b>CONNECTOR KIT, IP65</b>																			
 45° connector kit, 25 wires IP 65	0226180107		X																
44-pin cup connector kit IP 65	0226180108								X										
44+44 pin cup connector kit IP 65 for I/O	0226180109								X										
<b>CABLES</b>																			
 10-wire cable	0226107201		X						X						X	X			
19-wire cable	0226107101		X						X						X	X			
25-wire cable	0226107102		X						X						X	X			
44-wire cable	0226107103		X						X										
<b>PRE-WIRED CONNECTOR KIT, IP65</b>																			
 Connector IP 65 + 25-wire 45° cable L = 1 m	0226960100		X																
Connector IP 65 + 25-wire 45° cable L = 2.5 m	0226960250		X																
Connector IP 65 + 25-wire 45° cable L = 5 m	0226960500		X																
Connector IP 65 + 44-wire cable L = 5 m	0226950500								X										
Connector IP 65 + 44 + 44-wire cable L = 5 m	0226980500								X										
<b>IDENTIFICATION PLATE KIT</b>																			
 Identification plate kit Comes in 16-pc. packs	0226107000		X						X						X				
<b>AS-INTERFACE ADDRESS CONNECTOR KIT</b>																			
 AS-interface address connector cable L = 1 m	0226950150			X															
<b>M8 - M12 PLUG</b>																			
 Plug M8	0240009039			X	X									X				X	
Plug M12	0240009040			X	X	X	X			X	X	X	X				X	X	
<b>M12 MALE CONNECTOR OUT-BUS</b>																			
 M12 male connector B coding	0240009035				X												X	X	
<b>M12 FEMALE CONNECTOR IN-BUS</b>																			
 M12 female connector B coding	0240009036				X												X		
<b>M8 CONNECTOR FOR POWER SUPPLY</b>																			
 M8 4-pin female connector for power supply, cable L = 3 m	0240009060				X	X				X	X	X							
M8 4-pin female connector for power supply, cable L = 5 m	0240009037				X	X				X	X	X							
M8 4-pin female connector for power supply, cable L = 10 m	0240009058				X	X				X	X	X							
M8 4-pin female connector for power supply, cable L = 15 m	0240009059				X	X				X	X	X							
M8 4-pin female connector for power supply, H.FLEX CL6, cable L = 3 m	0240009P60				X	X				X	X	X							
M8 4-pin female connector for power supply, H.FLEX CL6, cable L = 5 m	0240009P37				X	X				X	X	X							
M8 4-pin female connector for power supply, H.FLEX CL6, cable L = 10 m	0240009P58				X	X				X	X	X							
M8 4-pin female connector for power supply, H.FLEX CL6, cable L = 15 m	0240009P59				X	X				X	X	X							
<b>M12 BUS CONNECTOR, D-CODED</b>																			
 M12 BUS connector, D-coded	0240005051					X				X	X	X							
<b>BUS CABLE</b>																			
 BUS cable Cable for CANopen bus 20 mt	0240005220 0240005250					X				X	X	X		X					
<b>STRAIGHT BUS CONNECTOR</b>																			
 Straight connector for M12-M12 BUS, D-coded, with 3m cable	0240005103				X					X	X	X							
Straight connector for M12-M12 BUS, D-coded, with 5m cable	0240005105				X					X	X	X							
Straight connector for M12-M12 BUS, D-coded, with 10m cable	0240005110				X					X	X	X							
Straight connector for M12 BUS, D-coded, with 3m cable	0240005093				X					X	X	X							
Straight connector for M12 BUS, D-coded, with 5m cable	0240005095				X					X	X	X							
Straight connector for M12 BUS, D-coded, with 10m cable	0240005100				X					X	X	X							

Description Diameter	Code																
		HDM + MULTIPLE CONNECTIONS	HDM + AS-INTERFACE	HDM + PROFIBUS-DP	HDM + ETHERNET/IP	HDM + CANOPEN	HDM	CM + MULTIPLE CONNECTIONS	CM + PROFNET IO	CM + ETHERCAT	CM + ETHERNET/IP	CM + CANOPEN	CM	MM	PROFIBUS-DP/CANOPEN/ DEVICE-NET	INPUT/OUTPUT PROFIBUS-DP IP 67 M12	FIELD BUS INPUT PROFIBUS-DP IP 67 M8
<b>RJ45 CONNECTOR</b>																	
 RJ45 connector with 4 contacts according to IEC 60 603-7	0240005050				X				X	X	X						
<b>STRAIGHT CONNECTOR FOR CANOPEN POWER SUPPLY</b>																	
 5-pin M12x1 straight connector	W0970513001					X											
<b>STRAIGHT CONNECTOR WITH CANOPEN POWER CABLE</b>																	
 5-pin M12x1 straight connector with wire L = 5 m	W0970513002					X											
<b>FEMALE CONNECTOR FOR CANOPEN BUS-IN</b>																	
 M12 female connector A coding	0240009055					X						X					
<b>MALE CONNECTOR FOR CANOPEN BUS-OUT</b>																	
 Male connector Bus A coding	0240009038					X						X					
<b>STRAIGHT CONNECTOR WITHOUT CABLE FOR CANOPEN INPUT</b>																	
 Straight fitting without cable	0240009021					X											
<b>STRAIGHT CONNECTOR WITH CABLE FOR CANOPEN INPUT</b>																	
 Straight, with 1.5 m cable	0240009002					X										X	
 Straight, with 5 m cable	0240009003					X										X	
<b>Y-DISTRIBUTOR WITH CABLE AND M12 STRAIGHT CONNECTORS FOR CANOPEN INPUT</b>																	
 Y-Distributor cable 0.6 m	0240009031					X											
 Y-Distributor cable 1.5 m	0240009032					X											
<b>CONNECTION BRACKETS ON THE BAR OMEGA (DIN EN 50022)</b>																	
 Connection brackets on din bar HDM/CM	0227301600						X						X				
<b>SILENCER FOR FITTING, Ø8</b>																	
 Silencer for fitting, Ø8	W0970530084						X						X	X			
<b>R17 - PIPE RELEASE SPANNER</b>																	
 R17	2117001						X						X	X			
R17	2017001						X										
Confezioni da 50 pz																	
<b>M8 INPUT CONNECTOR</b>																	
 M8-M8 straight connector with 3 m cable	0240009009												X				X
<b>M8 PREWIRED CONNECTOR FOR VALVE ISLANDS CONNECTIONS</b>																	
 M8 prewired connector for valve islands conn. CM L = 5 m	0240005003												X				
 M8 prewired connector for valve islands conn. CM L = 1 m	0240005005												X				
 M8 prewired connector for valve islands conn. CM L = 3 m	0240005006												X				
 M8 prewired connector for valve islands conn. CM L = 10 m	0240005008												X				
<b>M8 INPUT CONNECTOR</b>																	
 M8 3-pin straight connector	0240009010					X							X				X




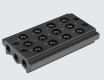




Description Diameter	Code																
		HDM + MULTIPLE CONNECTIONS	HDM + AS-INTERFACE	HDM + PROFIBUS-DP	HDM + ETHERNET/IP	HDM + CANOPEN	HDM	CM + MULTIPLE CONNECTIONS	CM + PROFINET IO	CM + ETHERCAT	CM + ETHERNET/IP	CM + CANOPEN	CM	MM	PROFIBUS-DP/CANOPEN/ DEVICE-NET	INPUT/OUTPUT PROFIBUS-DP IP 67 M12	FIELD BUS INPUT PROFIBUS-DP IP67 M8
<b>MALE CONNECTOR FOR FEEDING "IN"</b>																	
Male connector "IN" feeding	0240009033															X	
<b>FEMALE CONNECTOR FOR FEEDING "OUT"</b>																	
Female connector "OUT" feeding	0240009034															X	
<b>M12 SUPPLY CONNECTOR</b>																	
5-pin M12x1 straight connector	W0970513001															X	X
5-pin M12x1 straight connector with 5 m cable	W0970513002															X	X
M12x1 5-pin 90° connector	W0970513003															X	X
M12x1 5-pin 90° connector with 5m cable	W0970513004															X	X

## ACCESSORIES RV-FLUID

Description Diameter	Code																
		R4	RV - FLUID														
<b>SWITCH BOX CON MICROINTERRUTTORI ELETTROMECCANICI PER ATTUATORE</b>																	
Acc. switch box actuator size 032	W0900300915		X	X													
Acc. switch box actuator size 042-050-063	W0900300916		X	X													
Acc. switch box actuator size 115-145	W0900300917		X	X													
Acc. switch box actuator size 075-085-100	W0900300919		X	X													
<b>POSITION INDICATOR FOR ACTUATOR</b>																	
Position indicator for actuator size 032-042-050-063	W0900300930		X	X													
Position indicator for actuator size 075-085-100	W0900300931		X	X													
Position indicator for actuator size 115-145	W0900300932		X	X													
Position indicator for actuator size only without switch box	W0900300933		X	X													
<b>CONTROL VALVES WITH NAMUR INTERFACE</b>																	
see Namur valves cap.			X														
<b>KIT SQUARED ADAPTOR</b>																	
Kit squared adaptor RV-FLUID 08/11	W0900301001			X													
Kit squared adaptor RV-FLUID 09/11	W0900301002			X													
Kit squared adaptor RV-FLUID 09/13	W0900301006			X													
Kit squared adaptor RV-FLUID 11/13	W0900301007			X													
Kit squared adaptor RV-FLUID 11/14	W0900301008			X													
Kit squared adaptor RV-FLUID 14/17	W0900301003			X													
Kit squared adaptor RV-FLUID 14/22	W0900301005			X													
Kit squared adaptor RV-FLUID 16/22	W0900301009			X													
Kit squared adaptor RV-FLUID 17/22	W0900301004			X													
<b>SPRINGS KIT FOR SINGLE-ACTING VERSION</b>																	
Spring kit 4/4 for R4 act. Ø42	W0900303002			X													
Spring kit 6/6 for R4 act. Ø50	W0900303003			X													
Spring kit 6/6 for R4 act. Ø63	W0900303004			X													
Spring kit 6/6 for R4 act. Ø75	W0900303005			X													
Spring kit 6/6 for R4 act. Ø85	W0900303006			X													
Spring kit 6/6 for R4 act. Ø100	W0900303007			X													
Spring kit 6/6 for R4 act. Ø115	W0900303008			X													
Spring kit 6/6 for R4 act. Ø125	W0900303009			X													
Spring kit 6/6 for R4 act. Ø145	W0900303010			X													



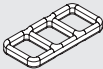

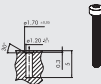






Description	Code																	
Diameter																		
				SERIES 70 PNV-SOV	SERIES 70 SERIE BASIC	SERIES 70 SU BASE	SERIES 70 BASIC	PIT-10	PIV SU BASE	MINIMACH	MACH 11	MACH 16	MACH 16 MULTIPLE CONNECTORS	MACH 18	VALVES ISO 1 - ISO 2 - ISO 3			
<b>MULTIPLE BASE 1/8"</b>																		
 2 pos. multiple base BASIC 1/8"	0223200201																	
3 pos. multiple base BASIC 1/8"	0223200301																	
4 pos. multiple base BASIC 1/8"	0223200401																	
5 pos. multiple base BASIC 1/8"	0223200501																	
6 pos. multiple base BASIC 1/8"	0223200601																	
7 pos. multiple base BASIC 1/8"	0223200701																	
8 pos. multiple base BASIC 1/8"	0223200801																	
9 pos. multiple base BASIC 1/8"	0223200901																	
10 pos. multiple base BASIC 1/8"	0223201001																	
<b>MULTIPLE BASES 1/4"</b>																		
 2-position base CVM-14-02	0224000201			x														
3-position base CVM-14-03	0224000301			x														
4-position base CVM-14-04	0224000401			x														
5-position base CVM-14-05	0224000501			x														
6-position base CVM-14-06	0224000601			x														
7-position base CVM-14-07	0224000701			x														
8-position base CVM-14-08	0224000801			x														
9-position base CVM-14-09	0224000901			x														
10-position base CVM-14-10	0224001001			x														
<b>MULTIPLE BASE 1/4"</b>																		
 2 pos. multiple base BASIC 1/4"	0224200201																	
3 pos. multiple base BASIC 1/4"	0224200301																	
4 pos. multiple base BASIC 1/4"	0224200401																	
5 pos. multiple base BASIC 1/4"	0224200501																	
6 pos. multiple base BASIC 1/4"	0224200601																	
7 pos. multiple base BASIC 1/4"	0224200701																	
8 pos. multiple base BASIC 1/4"	0224200801																	
9 pos. multiple base BASIC 1/4"	0224200901																	
10 pos. multiple base BASIC 1/4"	0224201001																	
<b>GASKETS KIT</b>																		
 Gasket kit for 1/8" base	0226004701			X														
Gasket kit for 1/4" base	0226005701			X														
<b>GASKET KIT (FOR OLD BASES)</b>																		
 M16 multiple base gasket kit	0226007001																X	X
<b>KIT OF SPARE INTEGRATED GASKET</b>																		
 Kit of M16 multiple base integrate gaskets	0226007003																X	X
<b>BASI PER PIV.I</b>																		
<b>MULTIPLE BASES FOR PIV.I SOLENOID VALVES, OPERATOR Ø 8</b>																		
Base 1 position EB 6001	W0400111101																	
Base 2 positions EB 6002	W0400111102																	
Base 3 positions EB 6003	W0400111103																	
Base 4 positions EB 6004	W0400111104																	
Base 5 positions EB 6005	W0400111105																	
Base 6 positions EB 6006	W0400111106																	
Base 7 positions EB 6007	W0400111107																	
Base 8 positions EB 6008	W0400111108																	
Base 9 positions EB 6009	W0400111109																	
Base 10 positions EB 6010	W0400111110																	
<b>MANIFOLD BASES FOR PIV.I SOLENOID VALVES, OPERATOR Ø 8</b>																		
Manifold base EB 8000 1	W0400111200																	
LH end plate EB 8000 T1	W0400111201																	
RH end plate EB 8000 T2	W0400111202																	
<b>BASI PER PIV.T</b>																		
<b>MULTIPLE BASES FOR PIV.T SOLENOID VALVES, OPERATOR Ø 9</b>																		
Base 1 position 19001	W0400101101																	
Base 2 positions 19002	W0400101102																	
Base 3 positions 19003	W0400101103																	
Base 4 positions 19004	W0400101104																	
Base 5 positions 19005	W0400101105																	
Base 6 positions 19006	W0400101106																	
Base 7 positions 19007	W0400101107																	
Base 8 positions 19008	W0400101108																	
Base 9 positions 19009	W0400101109																	
Base 10 positions 19010	W0400101110																	
<b>NC/NO ADAPTOR FOR PIV.T VALVES</b>																		
NC/NO adaptor I-9000	W0400101190																	



Description	Code													
Diameter														
CVM base EP-08-06-M-WCS 24VAC	0225410601												X	
CVM base EP-08-08-M-WCS 24VAC	0225410801												X	
CVM base EP-08-10-M-WCS 24VAC	0225411001												X	
CVM base EP-08-12-M-WCS 24VAC	0225411201												X	
<b>BISTABLE SOLENOID/PNEUMATIC BASE WITH 12 POSITIONS</b>														
CVM base EP-08-12-B-MCN 24VDC	0225201201												X	
CVM base EP-08-12-B-WCS 24VDC	0225501201												X	
CVM base EP-08-12-B-MCN 24VAC	0225211201												X	
CVM base EP-08-12-B-WCS 24VAC	0225511201												X	
<b>BISTABLE SOLENOID/PNEUMATIC BASE WITH 10 POSITIONS</b>														
CVM base EP-08-10-B-MCN 24VDC	0225201001												X	
CVM base EP-08-10-B-WCS 24VDC	0225501001												X	
CVM base EP-08-10-B-MCN 24VAC	0225211001												X	
CVM base EP-08-10-B-WCS 24VAC	0225511001												X	
<b>BISTABLE SOLENOID/PNEUMATIC BASE WITH 4, 6, 8 POSITIONS</b>														
CVM base EP-08-04-B-MCN 24VDC	0225200401												X	
CVM base EP-08-06-B-MCN 24VDC	0225200601												X	
CVM base EP-08-08-B-MCN 24VDC	0225200801												X	
CVM base EP-08-04-B-WCS 24VDC	0225500401												X	
CVM base EP-08-06-B-WCS 24VDC	0225500601												X	
CVM base EP-08-08-B-WCS 24VDC	0225500801												X	
CVM base EP-08-04-B-MCN 24VAC	0225210401												X	
CVM base EP-08-06-B-MCN 24VAC	0225210601												X	
CVM base EP-08-08-B-MCN 24VAC	0225210801												X	
CVM base EP-08-04-B-WCS 24VAC	0225510401												X	
CVM base EP-08-06-B-WCS 24VAC	0225510601												X	
CVM base EP-08-08-B-WCS 24VAC	0225510801												X	
<b>ADDITIONAL MONOSTABLE SOLENOID/PNEUMATIC BASE WITH 4, 6, 8 POSITIONS</b>														
CVM base EP-08-04-M-ACM 24VDC	0225300401												X	
CVM base EP-08-06-M-ACM 24VDC	0225300601												X	
CVM base EP-08-08-M-ACM 24VDC	0225300801												X	
CVM base EP-08-04-M-ACM 24VAC	0225310401												X	
CVM base EP-08-06-M-ACM 24VAC	0225310601												X	
CVM base EP-08-08-M-ACM 24VAC	0225310801												X	
BASES AT MULTIPLE CONNECTION MACH 16 COMPLETE OF ASSEMBLED AND TESTED VALVES														
THE TOTAL PRICE IS OBTAINED BY ADDING THE FOLLOWING ITEMS:														
- Required solenoid connection base														
- Required valves														
(assembly and testing) for each monostable valve														
(assembly and testing) for each bistable valve														
(assembly and testing) monostable solenoid blanking plate														
(assembly and testing) bistable solenoid blanking plate														
final testing														
<b>BASES ISO 5599/1 FOR VALVES SERIES IPV-ISV SIZE 1 2 AND 3</b>														
	ISO 1	Manifold base, side ports, ISO 1	0228000150											X
		Manifold base, side ports, ISO 2	0228001150											X
		Manifold base, bottom ports, ISO 1	0228000155											X
		Manifold base, bottom ports, ISO 2	0228001155											X
		Manifold base, bottom ports, ISO 3	0228002155											X
		Input end plate ISO 1	0228000200											X
	Input end plate ISO 2	0228001200												X
	Input end plate, ISO 3	0228002200												X
	Additional input end plate, ISO 1	0228000201												X
	Additional input end plate, ISO 2	0228001201												X
	Blind end plate, ISO 1	0228000210												X
	Blind end plate, ISO 2	0228001210												X
	Intermediate top ports, ISO 1	0228000300												X
	Intermediate top ports, ISO 2	0228001300												X
	Intermediate rear ports, ISO 1	0228000301												X
	Intermediate rear ports, ISO 2	0228001301												X
	Blanking plate, ISO 1	0228000500												X
	Blanking plate, ISO 2	0228001500												X
	Blanking plate, ISO 3	0228002500												X
	Intermediate diaphragm, ISO 1	0228000400												X
	Intermediate diaphragm, ISO 2	0228001400												X
	Dimension adapter ISO 1-2	0228000600												X
	Individual base side ports, ISO 1	0228000100												X
	Individual base side ports, ISO 2	0228001100												X
	Individual base side ports, ISO 3	0228002100												X
	Individual base bottom ports, ISO 1	0228000110												X
	Individual base bottom ports, ISO 2	0228001110												X
	Individual base bottom ports, ISO 3	0228002110												X
	Assembly kit, ISO 1	0228000700												X
	Assembly kit, ISO 2	0228001700												X

## SPARE PARTS VALVES

Description Diameter	Code	Qty		PLT-10	MINIMACH	MMACH 11	MACH 16	MACH 16 MULTIPLE CONNECTIONS	MACH 18
<b>INTERFACE GASKET</b>									
 Gaskets PLT 10	0226009701	50		X					
<b>STANDARD SECURING SCREW (FOR ALUMINIUM)</b>									
 PLT-10 screw for aluminium	0226009702	100		X					
<b>SECURING SCREWS FOR TECHNOPOLYMER</b>									
 Screw PLT-10 for technopol	0226009703	100		X					
<b>PLT-10 WITH BASE AND CONNECTION ON THE SAME SIDE</b>									
 PLT 10 24 VDC 0.9W with LED man	722113541100				X	X			
<b>M8 PILOT</b>									
 PLT 10 - M8 24 VDC 0.8W with LED man	7222M3541100				X	X			
<b>KIT OF SPARE GASKET BASES</b>									
Kit of spare gasket bases for 3/2 valves	0226009000				X				
Kit of spare gasket bases for 5/2-5/3 valves	0226009001				X				
<b>COIL MACH 16 (OLD)</b>									
 In-line pilot M16 24VDC (OLD)	W4015101000						X		X
In-line pilot M16 24VAC 50/60 Hz	W4015101010						X		X
In-line pilot M16 110VAC 50/60 Hz	W4015101020						X		X
In-line pilot M16 220VAC 50/60 Hz	W4015101030						X		X
<b>COIL MACH 16 (NEW)</b>									
 In-line pilot M16 24VDC	W4015301000						X		X
In-line pilot M16 24VAC 50/60 Hz	W4015301010						X		X
In-line pilot M16 110VAC 50/60 Hz	W4015301020						X		X
In-line pilot M16 220VAC 50/60 Hz	W4015301030						X		X
N.B.: if the pilot to be replaced bears the writing CE, you have to order among the NEW pilots, otherwise order among the OLD pilots.									
<b>PILOT MACH 16</b>									
 Pilot - multiple connection 24 VDC - OLD	W4015201000							X	
Pilot - multiple connection 24 VAC - OLD	W4015201010							X	
In-line pilot 24 VDC	W4015401000							X	
In-line pilot 24 VAC	W4015401010							X	
N.B.: if the pilot to be replaced bears the writing CE, you have to order among the NEW pilots, otherwise order among the OLD pilots.									



## SPARE PARTS HDM - CM - MM

Description Diameter	Code	Qtà		HDM + AS-INTERFACE	HDM	CM	MM
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### AS-INTERFACE CONNECTOR KIT



AS-interface connector kit

0226950151

X

### GRUB SCREW KIT



Grub screw for Multimach HDM/CM  
Grub screw for Multimach

0227301800  
0227300800

X

X

X

## SPARE PARTS R4 - RV-FLUID

Description Diameter	Code	Qtà		RV-FLUID
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### GASKETS KIT AND SLIDING ELEMENTS

Gaskets kit and sliding elem. R4 Ø32 NBR  
Gaskets kit and sliding elem. R4 Ø42 NBR  
Gaskets kit and sliding elem. R4 Ø50 NBR  
Gaskets kit and sliding elem. R4 Ø63 NBR  
Gaskets kit and sliding elem. R4 Ø75 NBR  
Gaskets kit and sliding elem. R4 Ø85 NBR  
Gaskets kit and sliding elem. R4 Ø100 NBR  
Gaskets kit and sliding elem. R4 Ø115 NBR  
Gaskets kit and sliding elem. R4 Ø125 NBR  
Gaskets kit and sliding elem. R4 Ø145 NBR

W0900302001  
W0900302002  
W0900302003  
W0900302004  
W0900302005  
W0900302006  
W0900302007  
W0900302008  
W0900302009  
W0900302010

X  
X  
X  
X  
X  
X  
X  
X  
X  
X

# VALVES TABLE

## PEV

PEV FAMILY	F DIMENSIONS	3 FUNCTION	PE OPERATORS 14	C RESETTING (12)	WP FURTHER DETAILS
PEV valve with pedal	3 1/4 0 M5 F Ø 4	3 3/2 5 5/2	PE pedal operated	S mechanical springs C mechanical block B bistable	WP not guarded PR guarded

## VALVE SERIES 70

MAV FAMILY	2 DIMENSIONS	3 FUNCTION	PP OPERATORS 14	S RESETTING (12)	NC FURTHER DETAILS
MAV manual valves	2 1/8" 3 1/4" 4 1/2"	3 3/2 5 5/2 6 5/3 8 2 x 3/2	PP drawer VL axial lever LE 90° lever BRE arranged for manual panel actuators	A pneumatic/mechanical springs* S mechanical springs B bistable D differential O stable for 5/3 *on demand	NC normally closed NO normally open OO no indication CC closed centres OC open centres PC pressure centres

MEV FAMILY	2 DIMENSIONS	3 FUNCTION	TA OPERATORS 14	S RESETTING (12)	NC FURTHER DETAILS
MEV mechanically-operated valves	2 1/8"	3 3/2 5 5/2	TA plunger BR bidirectional roller UR unidirectional roller TS sensitive plunger RS sensitive roller AS sensitive aerial LL frontal roller lever	S mechanical springs A pneumatic/mechanical spring* *on demand	NC normally closed OO no indication

PNV FAMILY	2 DIMENSIONS	3 FUNCTION	PN OPERATORS 14	S RESETTING (12)	NC FURTHER DETAILS
PNV pneumatic valves	2 1/8" 3 1/4" C 3/8" 4 1/2"	3 3/2 5 5/2 6 5/3 ■ 8 2-3/2	PN pneumatic	S mechanical springs B bistable D differential O stable for 5/3 ◆ A pneumatic/mechanical spring	OO no indication NC normally closed NO normally open CC closed centres OC open centres PC pressure centres ▲ NC-NO normally closed - normally open

- Only available for size 1/8" and 1/4"
- ◆ On demand
- ▲ Only available for function 2-3/2

SOV FAMILY	2 DIMENSIONS	3 FUNCTION	SO OPERATORS 14	S RESETTING (12)	NC FURTHER DETAILS
SOV solenoid/ pneumatic	2 1/8" 3 1/4" C 3/8" 4 1/2"	3 3/2 5 5/2 6 5/3 ■ 8 2-3/2	SO solenoid SE solenoid assisted	S mechanical springs B bistable D differential P pneumatic ◆ A pneumatic/mechanical spring	OO no indication NC normally closed NO normally open CC closed centres OC open centres PC pressure centres ▲ NC-NO normally closed - normally open

- Only available for size 1/8" and 1/4"
- ◆ On demand
- ▲ Only available for function 2-3/2

## VALVE SERIES 70 ON BASE

PNV FAMILY	2 DIMENSIONS	3 FUNCTION	PN OPERATORS 14	S RESETTING (12)	OO FURTHER DETAILS	LT
MAV valvole manuali PNV pneumatic valves SOV solenoid/ pneumatic	2 1/8" 3 1/4"	3 3/2 5 5/2 6 5/3	LE leva 90° PN pneumatic SO solenoid	S mechanical springs B bistable O stable for 5/3	OO no indication NC normally closed NO normally open CC closed centres OC open centres PC pressure centres	LT low temperature

## VALVES NAMUR

P N V FAMILY		A DIMENSIONS	5 FUNCTION	P N OPERATORS 14		S RESETTING (12)		O O FURTHER DETAILS	
PNV	pneumatic	A NAMUR	5 5/2	PN	pneumatic	S	mechanical springs	OO	no indication
SOV	electro-pneumatic		4 4/2	SO	solenoid	B	bistable	NC	normally closed

## 10-MM SOLENOID VALVES SERIES PLT-10

7 2 2 FAMILY	1 POSITIONING	1 POWER CONNECTION	3 Ø THROUGH	3 POWER	4 VOLTAGE	0 LED	1 MANUAL CONTROL	00 VERSION
Solenoid valves series "PLT-10"	1 Base and connection on same side	1 Plug-in	3 0.6 mm	3 0.7 W	3 12 VDC	0 -	0 -	00 Standard
			6 1.2 mm	5 0.8 W	4 24 VDC	1 LED	1 Manual monostable	
				8 3/0.3 W 9 4.2/0.7 W				
	2 Base and connection opposite sides	M M8x1		5 0.8 W	4 24 VDC	1 LED		
				9 4.2/0.7 W				

## BASES FOR PLT-10 MULTIPLE CONNECTION

7 2 2 FAMILY	1 POSITIONING	2 POWER CONNECTION	3 Ø THROUGH	3 POWER	4 VOLTAGE	0 LED	1 MANUAL CONTROL	0 VERSION	0	
Solenoid valves series "PLT-10"	1 Base and connection on same side	2 for multiple base	3 0.6 mm	3 0.7 W	3 12 VDC	0 -	0 -	0 NC	0 Standard	
			6 1.2 mm	5 0.8 W	4 24 VDC	1 LED	1 manual monostable	1 NO		
				8 3/0.3 W for NC 3/0.7 W for NO						
				9 4.2/0.7 W						

## PIV.M

P I V FAMILY	1 AIR HOLE	3 NUMBER OF WAYS	M DIMENSIONS	0 THREAD	1 VERSION	N C FURTHER DETAILS
	1 1 mm	3 3 ways	M 15 x 15	0 on base	1 24 VDC	NC normally closed
	3 1.1 mm				3 24 VAC	NO normally open
	6 1.5 mm				5 110 VAC	
					7 220 VAC	

## PIV ON BASE

P I V FAMILY	7 AIR HOLE	3 NUMBER OF WAYS	T CONNECTION	0 THREAD	O VERSION	N C FURTHER DETAILS
	4 1.2 mm	2 2 ways	I 22x22 operator Ø 8	0 on base	O on base with conveyed exhaust on base standard	NC normally closed
	7 1.6 mm	3 3 ways	T 22x22 operator Ø 9			NO normally open
	8 1.8 mm		B 30x30 operator Ø 13			
	Y 2.4 mm					

## PIV IN LINE

P I V FAMILY	7 AIR HOLE	2 NUMBER OF WAYS	B CONNECTION	4 THREAD	S VERSION	N C FURTHER DETAILS
	4 1.2 mm	2 2 ways	I 22 x 22 operator Ø 8	5 M5	S standard	NC normally closed
	7 1.6 mm	3 3 ways	B 30 x 30 operator Ø 13	4 G1/4"		NO normally open
	9 2.4 mm			8 G1/8"		
	W 3 mm					
	X 4 mm					
	Z 6 mm					



## VALVES MINIMACH

M S V FAMILY	0 DIMENSIONS	5 FUNCTION	S O OPERATORS 14	B RESETTING (12)	O O FURTHER DETAILS	2 4 V D C
MSV mini-valves solenoid	0 M5	3 3/2 5 5/2 6 5/3	SO solenoid	B bistable S mechanical springs	OO no indication NC normally closed NO normally open CC closed centres OC open centres PC pressure centres	24VDC PLUG-IN 24VDC connector M8 M8 24VDC connector

## VALVES MACH 11

M S V FAMILY	1 DIMENSIONS	5 FUNCTION	S O OPERATORS 14	B RESETTING (12)	O O FURTHER DETAILS	2 4 V D C
MSV mini-solenoid valve	1 M7	5 5/2 6 5/3	SO solenoid SE solenoid assisted PN pneumatic	B bistable S mechanical springs	OO no indication CC closed centres OC open centres PC pressure centres	24VDC PLUG-IN 24VDC connector M8 M8 24VDC connector
MPV mini-pneumatic valve						

## VALVES MACH 16

M S V FAMILY	2 DIMENSIONS	5 FUNCTION	S O OPERATORS 14	B RESETTING 12	O O FURTHER DETAILS	2 4 V D C VOLTAGE
MSV solenoid/pneumatic	2 1/8"	5 5/2 6 5/3	SO solenoid/pneumatic SE solenoid pilot PN pneumatic	P pneumatic spring S mechanical springs B bistable	OO no indication CC closed centres OC open centres PC pressure centres	24VDC 24VAC 110VAC 220VAC
MPV pneumatic						

## MULTIPLE CONNECTORS MACH 16

A FAMILY	0 8 NO. OF POSITIONS	B	W C 5	0 8 SIZE	M M V L	2 4 V D C VOLTAGE
A multiple base for solenoid/pneumatic connection Mach 16	04 4 posn. 06 6 posn. 08 8 posn.	M electrical connection only for monostable valves	MCN electrical connection pre-wired cable 5 m	08 G 1/8"	M MSV 25 SMS OO V MSV 25 SCS OO L MSV 25 SMP OO J MSV 25 SMB OO K MSV 25 SCB OO G MSV 26 SMS CC O MSV 26 SCS CC E MSV 26 SMS OC F MSV 26 SCS OC B MSV 26 SMS PC C MSV 26 SCS PC	24VDC 24VAC
B manifold base for Mach 16 solenoid/pneumatic connection	10 10 posn. 12 12 posn.	B electrical connection for bistable valves	ACM additional connection for monostable battery		A blanking plate D intermediate diaphragm	

N.B.: The valve insertion order inside the descriptive key is the following, starting from the connector, from the left towards the right: the first left square corresponds to the first valve close to the connector on the base. There are 12 squares available for the description: if you order a base with less than 12 positions, complete by placing a 0 in the remaining boxes.

## VALVES MACH 18, ISO 15407-1/VDMA 24563-02

M S V FAMILY	D DIMENSIONS	5 FUNCTION	S O OPERATORS 14	S RESETTING (12)	O O FURTHER DETAILS	2 4 V D C VOLTAGE
MSV solenoid/pneumatic	D ISO 15407-1/ VDMA 24563-02	5 5/2 6 5/3	SO solenoid/pneumatic SE solenoid-pilot-assisted PN pneumatic	S mechanical springs B bistable	OO no indication CC closed centres OC open centres PC pressure centres	24VDC 24VAC 110VAC 220VAC
MPV pneumatic						

## VALVES ISO

I P V FAMILY		5 DIMENSIONS	5 FUNCTION	P N OPERATORS 14		S RESETTING (12)	O O FURTHER DETAILS
IPV	ISO pneumatic	5 ISO 1	5 5/2	PN	pneumatic	S	OO no indication
ISV	ISO solenoid/pneumatic	6 ISO 2	6 5/3	SO	solenoid/pneumatic	B	CC closed centres
		7 ISO 3		SE	electric pilot-assisted	D	OC open centres
				* DO	solenoid/pneumatic in line		PC pressure centres
				* DE	solenoid assisted in line M12		
				● CO	M12 solenoid/pneumatic		
				● CE	M12 solenoid assisted		

\* Only for ISO 1

● Only for ISO 1 and ISO 2

## VALVES SERIES 70 SAFE AIR®

S O V FAMILY		2 DIMENSIONS	3 FUNCTION	S O OPERATORS 14		S RESETTING 12	N C FURTHER DETAILS	3 F SENSOR
SOV	solenoid/pneumatic	2 1/8"	3 3/2	SO	solenoid/pneumatic	S	NC Normally-Closed	3F 2.5 m 3 wires
		3 1/4"		SE	electric pilot-assisted			M8 0.3 m M8
		C 3/8"						AT 2 m ATEX
		4 1/2"						

S O V FAMILY		2 DIMENSIONS	3 FUNCTION	S O OPERATORS 14		S RESETTING 12	D D FURTHER DETAILS	3 F SENSOR
SOV	solenoid/pneumatic	2 1/8"	3 3/2	SO	solenoid/pneumatic	S	DD double 3/2	3F 2.5 m 3 wires
		3 1/4"		SE	electric pilot-assisted			M8 0.3 m M8
		C 3/8"						AT 2 m ATEX
		4 1/2"						

## VALVES ISO 5599/1 SERIES SAFE AIR®

I S V FAMILY		5 DIMENSIONS	5 FUNCTION	S O OPERATORS 14		S RESETTING 12	O O FURTHER DETAILS	3 F SENSOR
ISV	ISO solenoid/pneumatic	5 ISO1	5 5/2	SO	solenoid/pneumatic	S	OO 5/2	3F 2.5 m 3 wires
		6 ISO2		SE	electric pilot-assisted			M8 0.3 m M8
		7 ISO3						AT 2 m ATEX

I S V FAMILY		5 DIMENSIONS	5 FUNCTION	S O OPERATORS 14		S RESETTING 12	D D FURTHER DETAILS	3 F SENSOR
ISV	ISO solenoid/pneumatic	5 ISO1	5 5/2	SO	solenoid/pneumatic	S	DD double 5/2	3F 2.5 m 3 wires
		6 ISO2		SE	electric pilot-assisted			M8 0.3 m M8
		7 ISO3						AT 2 m ATEX

## EB 80 SIGNAL MODULE - S

02282 FAMILY	S SUBSYSTEM	0 SUPPLY	1 TYPE
02282 EB 80	S Signals	0 Complete	1 8 M8 digital inputs
			2 8 M8 digital outputs
			3 6 M8 digital outputs + electrical supply
			4 4 M8 analogue inputs
			5 4 M8 analogue outputs
			6 16 digital terminal block inputs
			7 16 digital terminal block outputs
			8 4 M8 analogue inputs for temperature measurement

## EB 80 - ELECTRICAL CONNECTION - E

02282 FAMILY	E SUBSYSTEM	0 SUPPLY	25 TYPE
02282 EB 80	E Electrical connection	0 Complete	25 25-pin connector 44 44-pin connector EN EtherNet/IP EC EtherCAT PN Profinet IO CN CANopen PB Profibus-DP PL Ethernet POWERLINK IO IO-Link 32 IN / 32 OUT LK IO-Link 64 OUT CC CC-Link IE Field Basic AD Additional island

## EB 80 - COMPRESSED-AIR SUPPLY - P

02282 FAMILY	P SUBSYSTEM	3 PORT FITTING 1	1 PILOT SERVO-ASSISTED	Z UPPER PART	3 PORTS 3 AND 5 FITTING	0 SPECIALTY
02282 EB 80	P Compressed air supply	1 Pipe fitting Ø 8 (5/16") 2 Pipe fitting Ø 10 3 Pipe fitting Ø 12 5 Pipe fitting Ø 1/2"  9 Module for electric version only	1 Non-servo-assisted X Servo-assisted  1 Non-servo-assisted	Z The upper part is present	0 Silencer ▲ 1 Pipe fitting Ø 8 (5/16") ▲ 2 Pipe fitting Ø 10 ▲ 3 Pipe fitting Ø 12 ▲ 5 Pipe fitting Ø 1/2" 6 2 pipes fitting Ø 8 (5/16") (one for port 3, one for port 5) 7 2 pipes fitting Ø 6 (one for port 3, one for port 5) 8 2 pipes fitting Ø 4 (5/32") (one for port 3, one for port 5) 9 Without connection	0 Standard

▲ For ports 3 and 5 use the same pipe Ø of port 1.

## EB 80 - BASES FOR VALVES - B

02282 FAMILY	B SUBSYSTEM	3 NUMBER OF POSITIONS	0 PORTS IN THE BASE	6 NUMBER OF SOLENOID PILOT CONTROLS	8 FITTINGS	8 FITTINGS	8 FITTINGS	0 FITTINGS
					1 <sup>st</sup> position (from left)	2 <sup>nd</sup> position	3 <sup>rd</sup> position	4 <sup>th</sup> position
02282 EB 80	B Base for valve	3 3 positions 4 4 positions	0 Full-flow ports ▲ 1 Port 1 sectioned ▲ 2 Ports 1, 3 and 5 sectioned ▲ 3 Ports 3 and 5 sectioned	▲ 3 3 controls ■ 4 4 controls ▲ 6 6 controls ■ 8 8 controls	1 Without cartridges 2 Pipe fitting Ø 1/4" 4 Pipe fitting Ø 4 (5/32") 6 Pipe fitting Ø 6 8 Pipe fitting Ø 8 (5/16")			▲ 0 (for 3-position base) ■ 1 Without cartridges ■ 2 Pipe fitting Ø 1/4" ■ 4 Pipe fitting Ø 4 (5/32") ■ 6 Pipe fitting Ø 6 ■ 8 Pipe fitting Ø 8 (5/16")

▲ For 3-position base only.

■ For 4-position base only.

VALVES

## EB 80 VALVES

7082 FAMILY	03 TYPE	V SCHEMA	0 MANUAL CONTROL
7082 EB 80	03 Electric, servo-assisted	<ul style="list-style-type: none"> <li>▲ Z 2 valves 2/2NC</li> <li>▲ I 2 valves 3/2 NC</li> <li>▲ W 2 valves 3/2 NO</li> <li>▲ L 3/2 NC + 3/2 NO</li> <li>V 5/2 monostable</li> <li>▲ K 5/2 bistable</li> <li>▲ O 5/3 CC</li> <li>G 3/2 NC high flow</li> <li>J 3/2 NO high flow</li> <li>+ R Shut-off valve</li> <li>Y Bypass</li> <li>N Dummy valve (plug)</li> </ul>	<ul style="list-style-type: none"> <li>0 Monostable or for dummy valve</li> <li>1 Bistable</li> <li>8 For bypass only</li> </ul>

- ▲ Can only be used with 6 or 8 control bases.
- + Requires inlet port X slave synchronisation.

## EB 80 - PROPORTIONAL PRESSURE REGULATOR - A

02282 FAMILY	A4 SUBSYSTEM	0 TYPE OF BASE	1 TYPE OF ELECTRICAL CONNECTION	Z SPECIALTY	0 DISPLAY	0 SPECIALTY
02282 EB 80	A4 Proportional pressure regulator	<ul style="list-style-type: none"> <li>0 Base port 1 pass-through local outlet</li> <li>1 Base port 1 sectioned in-series regulation</li> </ul>	<ul style="list-style-type: none"> <li>0 External electrical analogue control connector M12</li> <li>1 Electrical control via fieldbus</li> </ul>	Z Standard	<ul style="list-style-type: none"> <li>0 With</li> <li>1 Without</li> </ul>	0 Standard

## EB 80 INTERMEDIATE SUPPORT - M

02282 FAMILY	M SUBSYSTEM	3 PORT FITTING 1	0 PORTS IN THE BASE	0 ADDITIONAL ELECTRICAL POWER SUPPLY	Z UPPER PART	3 PORTS 3 AND 5 FITTING	0 ELECTRICAL CONNECTOR
02282 EB 80	M Intermediate	<ul style="list-style-type: none"> <li>1 Pipe fitting Ø 8 (5/16")</li> <li>2 Pipe fitting Ø 10</li> <li>3 Pipe fitting Ø 12</li> <li>5 Pipe fitting Ø 1/2"</li> </ul>	<ul style="list-style-type: none"> <li>0 Full-flow ports</li> <li>1 Port 1 closed</li> <li>2 Ports 1, 3 and 5 closed</li> <li>3 Ports 3 and 5 closed</li> <li>4 Ports 1, 3, 5 and X closed</li> </ul>	<ul style="list-style-type: none"> <li>■ 0 Without</li> <li>● 1 With</li> </ul>	Z The upper part is present	<ul style="list-style-type: none"> <li>0 Silencer</li> <li>▲ 1 Pipe fitting Ø 8 (5/16")</li> <li>▲ 2 Pipe fitting Ø 10</li> <li>▲ 3 Pipe fitting Ø 12</li> <li>▲ 5 Pipe fitting Ø 1/2"</li> <li>6 2 pipes fitting Ø 8 (5/16") (one for port 3, one for port 5)</li> <li>7 2 pipes fitting Ø 6 (one for port 3, one for port 5)</li> <li>8 2 pipes fitting Ø 4 (5/32") (one for port 3, one for port 5)</li> </ul>	<ul style="list-style-type: none"> <li>■ 0 Without</li> <li>● 1 With</li> </ul>

▲ For ports 3/5, use the same Ø pipe as port 1.

■ Same number for both positions.

● Same number for both positions.

## EB 80 - CLOSED END-PLATE - C

02282 FAMILY	C SUBSYSTEM	1 TYPE
02282 EB 80	C Closed end-plate	1 For islands with multi-pole connection 2 For islands with fieldbus 3 For connection to additional islands

## EB 80 BOXI - 4-POSITION VALVE ISLAND WITHOUT VALVES

0228B FAMILY	G PORT THREADS	1 PILOTING	8 NUMBER OF SOLENOID PILOT CONTROLS	M ELECTRICAL CONNECTION	4 FITTINGS	4 FITTINGS	4 FITTINGS	4 FITTINGS
	1, 3, 5				1° position (from left)	2° position	3° position	4° position
0228B EB 80 BOXI	G 1/4" G (BSP) U 1/4" NPT	1 Non-servo-assisted X Servo-assisted	4 4 controls 8 8 controls	M D-Sub 9-pin multipole connection ▲ L I/O link, M12x1	1 Without cartridges 2 Pipe fitting Ø 1/4" 4 Pipe fitting Ø 4 (5/32") 6 Pipe fitting Ø 6 8 Pipe fitting Ø 8 (5/16")			

▲ Only for version with 8 commands.

## EB 80 BOXI - 4-POSITION VALVE ISLAND WITH VALVES

0228B FAMILY	G PORT THREADS	1 PILOTING	8 NUMBER OF SOLENOID PILOT CONTROLS	M ELECTRICAL CONNECTION	4 FITTINGS	4 FITTINGS	4 FITTINGS	4 FITTINGS	0 MANUAL CONTROL	V V K I VALVES
	1, 3, 5				1° position (from left)	2° position	3° position	4° position		
0228B EB 80 BOXI	G 1/4" G (BSP) U 1/4" NPT	1 Non-servo-assisted X Servo-assisted	4 4 controls 8 8 controls	M D-Sub 9-pin multipole connection ▲ L I/O link, M12x1	1 Without cartridges 2 Pipe fitting Ø 1/4" 4 Pipe fitting Ø 4 (5/32") 6 Pipe fitting Ø 6 8 Pipe fitting Ø 8 (5/16")				0 Monostable 1 Bistable	▲ Z 2 valves 2/2 NC ▲ I 2 valves 3/2 NC ▲ W 2 valves 3/2 NO ▲ L 3/2 NC + 3/2 NO V 5/2 monostable ▲ K 5/2 bistable ▲ O 5/3 CC G 3/2 NC high flow J 3/2 NO high flow + R Shut-off valve Y Bypass N Dummy valve (plug)

▲ Only for version with 8 commands.  
+ Requires inlet port X slave synchronisation.

## EB 80 MULTI-FUNCTION MODULE

02282 FAMILY	L SUBSYSTEM	6 FITTINGS	610 FUNCTION PORT 2 (Top)	410 FUNCTION PORT 4 (Bottom)
02282 EB 80	L Multi-function module	2 Pipe fitting $\varnothing$ 1/4" 4 Pipe fitting $\varnothing$ 4 (5/32") 6 Pipe fitting $\varnothing$ 6 8 Pipe fitting $\varnothing$ 8 (5/16")	000 NF - No function 410 RFL - Flow regulator unidirectional 411 RFL - Flow regulator bidirectional 610 REG - Pressure regulator 630 VSRC - Quick-exhaust valve, conveyed 631 VSRS - Quick-exhaust valve, silenced 632 VSRR - Quick-exhaust valve, regulated 640 VNR - Check valve 650 V2V - 2-way shut-off valve 660 V3V - 3-way shut-off valve 670 PNV - 3-way pneumatic valve 671 P2V - Unidirectional 2-way pneumatic valve 680 LAM - Orange pressure indicator 682 LAM - Green pressure indicator 7_* RFF - Calibrated choke unidirectional - type V 8_* RFF - Calibrated choke bidirectional - type B	000 NF - No function 410 RFL - Flow regulator unidirectional 411 RFL - Flow regulator bidirectional 610 REG - Pressure regulator 630 VSRC - Quick-exhaust valve, conveyed 631 VSRS - Quick-exhaust valve, silenced 632 VSRR - Quick-exhaust valve, regulated 640 VNR - Check valve 650 V2V - 2-way shut-off valve 660 V3V - 3-way shut-off valve 670 PNV - 3-way pneumatic valve 671 P2V - Unidirectional 2-way pneumatic valve 680 LAM - Orange pressure indicator 682 LAM - Green pressure indicator 7_* RFF - Calibrated choke unidirectional - type V 8_* RFF - Calibrated choke bidirectional - type B

## EB 80 SPLASH AREA

02282 FAMILY	R CATEGORY	7 SUBSYSTEM	08 NUMBER OF POSITIONS	0 MATERIAL
02282 EB 80	R Spares and accessories	7 Splash-area	08 8 positions 12 12 positions	0 Anodized aluminum plate 6082 1 Plate AISI 304

## MULTIMACH - HDM + MULTI-POLE CONNECTION

H D M VALVE	2 INPUT END-PLATE	8 ELECTRICAL BASE	M MANUAL TYPE	16 - W 8 - W 6 - O 4 - L 8 - 5 TYPE OF VALVE	1 4 - 1 6 FURTHER DETAILS
Heavy duty Multimach IP65	<b>2</b> End-plate 1-11 pipe Ø 10 <b>3</b> End-plate 1 pipe Ø 10 <b>2S</b> End-plate 1-11 pipe Ø 12	<b>8</b> D-Sub 25 wire	<b>M</b> Monostable manual control <b>B</b> Bistable manual control	<b>I</b> n° 2 3/2 NC <b>W</b> n° 2 3/2 NO <b>L</b> 3/2 NO + 3/2 NC <b>V</b> 5/2 monostable <b>K</b> 5/2 bistable <b>O</b> 5/3 monostable <b>*F</b> 5/2 monostable <b>4</b> right-end-plate 1-11 pipe Ø12 <b>5</b> blind end-plate <b>6</b> Passing-intermede <b>7</b> Blind intermediate <b>20</b> Exhaust section <b>4</b> Cartridge 4 <b>6</b> Cartridge 6 <b>8</b> Cartridge 8 - 14 mm <b>8S</b> Cartridge 8 - 23 mm <b>10</b> Cartridge 10	<b>14</b> IP65 25-wire shell <b>16</b> n° 2 brackets for DIN bar

## MULTIMACH - HDM + AS-INTERFACE

H D M VALVE	3 INPUT END-PLATE	A S - 4 ELECTRICAL BASE	M MANUAL TYPE	16 - W 8 - 5 TYPE OF VALVE	1 6 FURTHER DETAILS
Heavy duty Multimach IP65	<b>3</b> End-plate 1	Version with standard address <b>AS-4</b> 1 node, 4 out, yellow cable <b>AS-8</b> 2 nodes, 8 out, yellow cable <b>AO-4</b> 1 node, 4 out e 4 in M8, yellow cable <b>AP-4</b> 1 node, 4 out e 4 in M12, yellow cable <b>AZ-4</b> 1 node, 4 out, yellow cable and black cable <b>AZ-8</b> 2 nodes, 8 out, yellow cable and black cable <b>AE-4</b> 1 node, 4 out e 4 in M8, yellow cable and black cable <b>AE-8</b> 2 nodes, 8 out e 8 in M8, yellow cable and black cable	<b>M</b> Monostable manual control <b>B</b> Bistable manual control	<b>I</b> n° 2 3/2 NC <b>W</b> n° 2 3/2 NO <b>L</b> 3/2 NO + 3/2 NC <b>V</b> 5/2 monostable <b>K</b> 5/2 bistable <b>O</b> 5/3 monostable <b>*F</b> 5/2 monostable <b>4</b> right-end-plate 1-11 pipe Ø12 <b>5</b> blind end-plate <b>6</b> Passing-intermede <b>7</b> Blind intermediate <b>20</b> Exhaust section <b>4</b> Cartridge 4 <b>6</b> Cartridge 6 <b>8</b> Cartridge 8 - 14 mm <b>8S</b> Cartridge 8 - 23 mm <b>10</b> Cartridge 10	<b>16</b> n° 2 brackets for DIN bar

\* Uses a single PIN (like the V) and occupies 2 signals

## MULTIMACH - HDM + PROFIBUS-DP

H D M VALVE	2 INPUT END-PLATE	P ELECTRICAL BASE	M MANUAL TYPE	16 - W 8 - W 6 - O 4 - L 8 - 5 TYPE OF VALVE	1 6 FURTHER DETAILS
Heavy duty Multimach IP65	<b>2</b> End-plate 1-11 <b>3</b> End-plate 1	<b>P</b> Profibus-DP	<b>M</b> Monostable manual control <b>B</b> Bistable manual control	<b>I</b> n° 2 3/2 NC <b>W</b> n° 2 3/2 NO <b>L</b> 3/2 NO + 3/2 NC <b>V</b> 5/2 monostable <b>K</b> 5/2 bistable <b>O</b> 5/3 monostable <b>*F</b> 5/2 monostable <b>4</b> right-end-plate 1-11 pipe Ø12 <b>5</b> blind end-plate <b>6</b> Passing-intermede <b>7</b> Blind intermediate <b>20</b> Exhaust section <b>4</b> Cartridge 4 <b>6</b> Cartridge 6 <b>8</b> Cartridge 8 - 14 mm <b>8S</b> Cartridge 8 - 23 mm <b>10</b> Cartridge 10	<b>16</b> n° 2 brackets for DIN bar

VALVES

## MULTIMACH - HDM + ETHERNET/IP

H D M VALVE	2 INPUT END-PLATE	EN ELECTRICAL BASE	M MANUAL TYPE	16 - W 8 - W 6 - O 4 - L 8 - 5 TYPE OF VALVE	1 6 FURTHER DETAILS
Heavy duty Multimach IP65	2 End-plate 1-11 3 End-plate 1	EN EtherNet/IP	<b>M</b> Monostable manual control <b>B</b> Bistable manual control	<b>I</b> n° 2 3/2 NC <b>W</b> n° 2 3/2 NO <b>L</b> 3/2 NO + 3/2 NC <b>V</b> 5/2 monostable <b>K</b> 5/2 bistable <b>O</b> 5/3 monostable <b>*F</b> 5/2 monostable <b>4</b> right-end-plate 1-11 pipe Ø12 <b>5</b> blind end-plate <b>6</b> Passing-intermediate <b>7</b> Blind intermediate <b>20</b> Exhaust section <b>4</b> Cartridge 4 <b>6</b> Cartridge 6 <b>8</b> Cartridge 8 - 14 mm <b>8S</b> Cartridge 8 - 23 mm <b>10</b> Cartridge 10	<b>16</b> n° 2 brackets for DIN bar

## MULTIMACH - HDM + CANOPEN

H D M VALVE	2 INPUT END-PLATE	CAN O ELECTRICAL BASE	M MANUAL TYPE	16 - W 8 - W 6 - O 4 - L 8 - 5 TYPE OF VALVE	1 6 FURTHER DETAILS
Heavy duty Multimach IP65	2 End-plate 1-11 3 End-plate 1	<b>CAN O</b> CANopen 16 OUTPUT <b>CAN I/O</b> CANopen 8 INPUT e 16 OUTPUT	<b>M</b> Monostable manual control <b>B</b> Bistable manual control	<b>I</b> n° 2 3/2 NC <b>W</b> n° 2 3/2 NO <b>L</b> 3/2 NO + 3/2 NC <b>V</b> 5/2 monostable <b>K</b> 5/2 bistable <b>O</b> 5/3 monostable <b>*F</b> 5/2 monostable <b>4</b> right-end-plate 1-11 pipe Ø12 <b>5</b> blind end-plate <b>6</b> Passing-intermediate <b>7</b> Blind intermediate <b>20</b> Exhaust section <b>4</b> Cartridge 4 <b>6</b> Cartridge 6 <b>8</b> Cartridge 8 - 14 mm <b>8S</b> Cartridge 8 - 23 mm <b>10</b> Cartridge 10	<b>16</b> n° 2 brackets for DIN bar

## MULTIMACH - HDM + B&R

H D M VALVE	2 INPUT END-PLATE	B & R ELECTRICAL BASE	M MANUAL TYPE	16 - W 8 - W 6 - O 4 - L 8 - 5 TYPE OF VALVE	1 6 FURTHER DETAILS
Heavy duty Multimach IP65	2 End-plate 1-11 3 End-plate 1	<b>B&amp;R</b> Fit for B&R	<b>M</b> Monostable manual control <b>B</b> Bistable manual control	<b>I</b> n° 2 3/2 NC <b>W</b> n° 2 3/2 NO <b>L</b> 3/2 NO + 3/2 NC <b>V</b> 5/2 monostable <b>K</b> 5/2 bistable <b>O</b> 5/3 monostable <b>*F</b> 5/2 monostable <b>4</b> Right-end-plate 1-11 pipe Ø12 <b>5</b> Blind end-plate <b>6</b> Passing-intermediate <b>7</b> Blind intermediate <b>20</b> Exhaust section <b>4</b> Cartridge 4 <b>6</b> Cartridge 6 <b>8</b> Cartridge 8 - 14 mm <b>8S</b> Cartridge 8 - 23 mm <b>10</b> Cartridge 10	<b>16</b> n° 2 brackets for DIN bar



## MULTIMACH - CM

C M VALVE	2 INPUT END-PLATE	I / O FUNCTION	M MANUAL TYPE	16 - W8 - W6 - O4 - L8 - 5 TYPE OF VALVE	M8 - M8 - 15 - 16 FURTHER DETAILS
Clever	2 End-plate 1-11	<b>O</b> Multi-pole connection, valves only	<b>M</b> Monostable manual control	<b>I</b> n° 2 3/2 NC	● <b>M8</b> Module 8 input M8
Multimach	3 End-plate 1	<b>I/O</b> Multi-pole connection, valves and inputs	<b>B</b> Bistable manual control	<b>W</b> n° 2 3/2 NO	* <b>14</b> Shell 44 pin
		<b>ADD</b> Additional (slave) valves only		<b>L</b> 3/2 NO + 3/2 NC	* <b>15</b> Shell 44 + 44 pin
		<b>PN O</b> Profinet IO, valves only		<b>V</b> 5/2 monostable	<b>16</b> n° 2 brackets for DIN bar
		<b>PN I/O</b> Profinet IO, valves and inputs		<b>K</b> 5/2 bistable	
		<b>EC O</b> EtherCAT, valves only		<b>O</b> 5/3 monostable	
		<b>EC I/O</b> EtherCAT, valves and inputs		<b>5</b> Blind end-plate	
		<b>EN O</b> EtherNet/IP, valves only		<b>6</b> Passing-intermediate	
		<b>EN I/O</b> EtherNet/IP, valves and inputs		<b>7</b> Blind intermediate	
		<b>CAN O</b> CANopen, valves only		<b>20</b> Exhaust section	
		<b>CAN I/O</b> CANopen, valves and inputs		<b>4</b> Cartridge 4	
				<b>6</b> Cartridge 6	
				<b>8</b> Cartridge 8	

- Not applicable with (add-on) ADD end-plate
- \* For multi-pole connection only

## MULTIMACH - MM

M 5 1 VALVE	2 INPUT END-PLATE	8 ELECTRICAL BASE	16 - W8 - W6 - O4 - L8 - 5 TYPE OF VALVE	1 4 FURTHER DETAILS
Multimach IP51	2 End-plate 1-11	<b>8</b> Axial 25-wire connector base	<b>I</b> n° 2 3/2 NC	<b>12</b> 9-wire connector
	3 End-plate 1	<b>9</b> Axial 9-wire connector base	<b>W</b> n° 2 3/2 NO	<b>14</b> 25-wire connector
	4 Reduced End-plate 1	<b>10</b> 25-wire rear connector base	<b>L</b> 3/2 NO + 3/2 NC	<b>16</b> Brackets for DIN bar
		<b>11</b> 9-wire rear connector base	<b>V</b> 5/2 monostable	
			<b>K</b> 5/2 bistable	
			<b>O</b> 5/3 monostable	
			<b>5</b> Blind end-plate	
			<b>6</b> Passing-intermediate	
			<b>7</b> Blind intermediate	
			<b>20</b> Exhaust section	
			<b>4</b> Cartridge 4	
			<b>6</b> Cartridge 6	
			<b>8</b> Cartridge 8	





Size Reference	Code	w/out bushing							
		0	1	2	3	4	5	6	
<b>FILTER</b>									
	<b>SY1</b>								
	FIL SY1 5 RMSA	561_F10_	X	X	X	X			
	FIL SY1 20 RMSA	561_F20_	X	X	X	X			
	FIL SY1 5 RA	561_F40_	X	X	X	X			
	FIL SY1 20 RA	561_F50_	X	X	X	X			
	<b>SY2</b>								
	FIL SY2 5 RMSA	562_F10_	X			X	X	X	X
	FIL SY2 20 RMSA	562_F20_	X			X	X	X	X
	FIL SY2 5 RA	562_F40_	X			X	X	X	X
	FIL SY2 20 RA	562_F50_	X			X	X	X	X
<b>DEPURATOR</b>									
	<b>SY1</b>								
	DEP SY1 0.01 µm RMSA	561_D10_	X	X	X	X			
	DEP SY1 1 µm RMSA	561_D30_	X	X	X	X			
	<b>SY2</b>								
	DEP SY2 0.01 µm RMSA	562_D10_	X			X	X	X	X
DEP SY2 1 µm RMSA	562_D30_	X			X	X	X	X	
<b>ACTIVE CARBON FILTER</b>									
	<b>SY1</b>								
	AC SY1 RMSA	561_C10_	X	X	X	X			
	<b>SY2</b>								
AC SY2 RMSA	562_C10_	X			X	X	X	X	
<b>REGULATOR</b>									
	<b>SY1</b>								
	REG SY1 08	561_R14_	X	X	X	X			
	REG SY1 012	561_R16_	X	X	X	X			
	<b>SY2</b>								
	REG SY2 08	562_R14_	X			X	X	X	X
REG SY2 012	562_R16_	X			X	X	X	X	
<b>PILOT OPERATED REGULATOR</b>									
	<b>SY1</b>								
	PILOT OPERATED REG SY1	561_R00_	X	X	X	X			
	PILOT OPERATED REG SY1 Anti-Corrosion	5X1_R00_	X	X	X	X			
	<b>SY2</b>								
	PILOT OPERATED REG SY2	562_R00_	X			X	X	X	X
PILOT OPERATED REG SY2 Anti-Corrosion	5X2_R00_	X			X	X	X	X	
<b>IN-SERIES REGULATOR</b>									
	<b>SY1</b>								
	REG in-series SY1 08	561_R24_	X	X	X	X			
	REG in-series SY1 012	561_R26_	X	X	X	X			
	<b>SY2</b>								
	REG in-series SY2 08	562_R24_	X			X	X	X	X
REG in-series SY2 012	562_R26_	X			X	X	X	X	
<b>FILTER REGULATOR</b>									
	<b>SY1</b>								
	FR SY1 5 08 RMSA	561_B14_	X	X	X	X			
	FR SY1 20 08 RMSA	561_B24_	X	X	X	X			
	FR SY1 5 08 RA	561_B44_	X	X	X	X			
	FR SY1 20 08 RA	561_B54_	X	X	X	X			
	FR SY1 5 012 RMSA	561_B16_	X	X	X	X			
	FR SY1 20 012 RMSA	561_B26_	X	X	X	X			
	FR SY1 5 012 RA	561_B46_	X	X	X	X			
	FR SY1 20 012 RA	561_B56_	X	X	X	X			
	<b>SY2</b>								
	FR SY2 5 08 RMSA	562_B14_	X			X	X	X	X
	FR SY2 20 08 RMSA	562_B24_	X			X	X	X	X
	FR SY2 5 08 RA	562_B44_	X			X	X	X	X
	FR SY2 20 08 RA	562_B54_	X			X	X	X	X
	FR SY2 5 012 RMSA	562_B16_	X			X	X	X	X
	FR SY2 20 012 RMSA	562_B26_	X			X	X	X	X
	FR SY2 5 012 RA	562_B46_	X			X	X	X	X
	FR SY2 20 012 RA	562_B56_	X			X	X	X	X
<b>LUBRICATOR</b>									
	<b>SY1</b>								
	LUB SY1	561_L10_	X	X	X	X			
	<b>SY2</b>								
LUB SY2	562_L10_	X			X	X	X	X	

Size Reference	Code							
		w/out bushing 0	1/8" 1	1/4" 2	3/8" 3	1/2" 4	3/4" 5	1" 6
<b>V3V - SHUT-OFF VALVE</b>								
	<b>SY1</b>							
	V3V SY1 manual	561_V10_	X	X	X	X		
	V3V SY1 pneumatic	561_V20_	X	X	X	X		
	V3V SY1 solenoid asservite	561_V30_	X	X	X	X		
	V3V SY1 solenoid	561_V70_	X	X	X	X		
	<b>SY2</b>							
	V3V SY2 manual	562_V10_	X			X	X	X
	V3V SY2 pneumatic	562_V20_	X			X	X	X
V3V SY2 solenoid asservite	562_V30_	X			X	X	X	
V3V SY2 solenoid	562_V70_	X			X	X	X	
<b>PROGRESSIVE STARTER</b>								
	<b>SY1</b>							
	APR SY1 solenoid	561_A70_	X	X	X	X		
	<b>SY2</b>							
	APR SY2 solenoid	562_A70_	X			X	X	X
APR SY2 solenoid CNOMO	562_A71_	X			X	X	X	
<b>PRESSURE SWITCHES</b>								
	<b>SY1</b>							
	Pres. cable 2 m SY1	561_S10_	X	X	X	X		
	Pres. connector M8 SY1	561_S20_	X	X	X	X		
	<b>SY2</b>							
Pres. cable 2 m SY2	562_S10_	X			X	X	X	
Pres. connector M8 SY2	562_S20_	X			X	X	X	
<b>AIR TAKE-OFF</b>								
	<b>SY1</b>							
	PA SY1	561_P10_	X					
	PA SY2	562_P10_	X					
	PA 4 ways SY1	561_P20_	X	X	X	X		
PA 4 ways SY2	562_P20_	X			X	X	X	
<b>FR+LUB</b>								
	<b>SY1</b>							
	FR+LUB SY1 20 08 RMSA	561_B24L10_		X	X	X		
	FR+LUB SY1 20 08 RA	561_B54L10_		X	X	X		
	<b>SY2</b>							
FR+LUB SY2 20 08 RMSA	562_B24L10_				X	X	X	
FR+LUB SY2 20 08 RA	562_B54L10_				X	X	X	
<b>V3V + FR + LUB</b>								
	<b>SY1</b>							
	V3V+FR+LUB SY1 20 08 RMSA	561_V10B24L10_		X	X	X		
	V3V+FR+LUB SY1 20 08 RA	561_V10B54L10_		X	X	X		
	<b>SY2</b>							
V3V+FR+LUB SY2 20 08 RMSA	562_V10B24L10_				X	X	X	
V3V+FR+LUB SY2 20 08 RA	562_V10B54L10_				X	X	X	
<b>FIL+DEP</b>								
	<b>SY1</b>							
	FIL+DEP SY1 05 RMSA	561_F10D10_		X	X	X		
	FIL+DEP SY1 05 RA	561_F40D10_		X	X	X		
	<b>SY2</b>							
FIL+DEP SY2 5 RMSA	562_F10D10_				X	X	X	
FIL+DEP SY2 5 RA	562_F40D10_				X	X	X	
<b>FIL+LUB</b>								
	<b>SY1</b>							
	FIL+LUB SY1 20 RMSA	561_F20L10_		X	X	X		
	FIL+LUB SY1 20 RA	561_F50L10_		X	X	X		
	<b>SY2</b>							
FIL+LUB SY2 20 RMSA	562_F20L10_				X	X	X	
FIL+LUB SY2 20 RA	562_F50L10_				X	X	X	

UNITS

**LISTINO ELEMENTO SINGOLO STANDARD**

Syntesi	Size	IN - threaded port	Element	Typology	OUT - threaded port
<b>SINGLE ELEMENT, CODE AND PRICE LIST EXAMPLE</b>					
56	1: size 1	1: 1/8" port	filter	40: 5 µm RA	3: 3/8" port
56	1: size 1	0 without bushing 1 1/8" port 2 1/4" port 3 3/8" port	F filter R regulator B filter regulator V selec. valv. V3V A start valve D depurator C active carbon filter L lubricator P air take-off S pressure switch	XX change from element to element  See the individual product tables below sotto riportate	0 without bushing 1 1/8" port 2 1/4" port 3 3/8" port
56	2: size 2	0 without bushing 3 3/8" port 4 1/2" port 5 3/4" port 6 1" port	F filter R regulator B filter regulator V selec. valv. V3V A start valve D depurator C active carbon filter L lubricator P air take-off S pressure switch	XX change from element to element  See the individual product tables below sotto riportate	0 without bushing 3 3/8" port 4 1/2" port 5 3/4" port 6 1" port

**UNITS**

F	Tipology	B	Tipologia caratteristica	V	Tipology
Filtro	10: 5 µm RMSA 20: 20 µm RMSA 30: 50 µm RMSA 40: 5 µm RA 50: 20 µm RA 60: 50 µm RA 11: 5 µm SAC 21: 20 µm SAC 31: 50 µm SAC	Filtro regolatore	10 5 µm RMSA, 0÷2 bar 20 20 µm RMSA, 0÷2 bar 30 50 µm RMSA, 0÷2 bar 12 5 µm RMSA, 0÷4 bar 22 20 µm RMSA, 0÷4 bar 32 50 µm RMSA, 0÷4 bar 14 5 µm RMSA, 0÷8 bar 24 20 µm RMSA, 0÷8 bar 34 50 µm RMSA, 0÷8 bar 16 5 µm RMSA, 0÷12 bar 26 20 µm RMSA, 0÷12 bar 36 50 µm RMSA, 0÷12 bar 40 5 µm RA, 0÷2 bar 50 20 µm RA, 0÷2 bar 60 50 µm RA, 0÷2 bar 42 5 µm RA, 0÷4 bar 52 20 µm RA, 0÷4 bar 62 50 µm RA, 0÷4 bar 44 5 µm RA, 0÷8 bar 54 20 µm RA, 0÷8 bar 64 50 µm RA, 0÷8 bar 46 5 µm RA, 0÷12 bar 56 20 µm RA, 0÷12 bar 66 50 µm RA, 0÷12 bar 11 5 µm SAC, 0÷2 bar 21 20 µm SAC, 0÷2 bar 31 50 µm SAC, 0÷2 bar 13 5 µm SAC, 0÷4 bar 23 20 µm SAC, 0÷4 bar 33 50 µm SAC, 0÷4 bar 15 5 µm SAC, 0÷8 bar 25 20 µm SAC, 0÷8 bar 35 50 µm SAC, 0÷8 bar 17 5 µm SAC, 0÷12 bar 27 20 µm SAC, 0÷12 bar 37 50 µm SAC, 0÷12 bar	V3V	10 manual with d3,5 hole 11 manual with d7 hole 20 pneumatic SY1 20 pneumatic SY2 30 solenoid pilot-assisted 70 solenoid
R	Regolatore 10: 0÷2 bar 12: 0÷4 bar 14: 0÷8 bar 16: 0÷12 bar  Regolatore in batteria 20: 0÷2 bar 22: 0÷4 bar 24: 0÷8 bar 26: 0÷12 bar			A	Avviatore progressivo 70 solenoid 71* solenoid CNOMO
				D	Depuratore 10 0.01 µm RMSA 11 0.01 µm SAC 30 1 µm RMSA 31 1 µm SAC
				C	Carboni attivi 10 RMSA
				L	Lubrificatore 10 top loading
				P	Presa aria 10 2 way version 20 4 way version
				S	Pressostato 10 2 m cable 20 cable 300 mm and M8 conn.

RMSA: Tap with manual condensate drain and automatic drain when you remove pressure  
 RA: Tap with automatic condensate drain, independent from the pressure and the flow rate  
 \* Only for the size 2

**COMPOUND UNITS PRICE LIST: YOU OBTAIN IT BY ADDING THE LISTS OF THE SINGLE ELEMENTS, CALCULATED WITH THE PORT COMPLETE PRICE**

Syntesi	Size	IN - threaded port	Element 1 (with threaded ports)	Typology	Element 2 (with threaded ports)	Typology	Element 3 (with threaded ports)	Typology	OUT - threaded port
<b>UNITS OF THREE ELEMENT, CODE AND PRICE LIST EXAMPLE: V3V + FR + L</b>									
56	1: size 1	1: 1/8" port	V: selec. valv. V3V	10: manual	B: filter regulator	24: 20 µm RMSA, 0-8 bar	L: lubricator	10: top loading	1: 1/8" port
56	1: size 1	1: 1/8" port	F filter	XX: change from element to element	F filter	XX: change from element to element	F filter	XX: change from element to element	1: 1/8" port
		2: 1/4" port	R regulator		R regulator		R regulator		2: 1/4" port
	2: size 2	3: 3/8" port	B filter regulator		B filter regulator		B filter regulator		3: 3/8" port
		4: 1/2" port	V selec. valv. V3V		V selec. valv. V3V		V selec. valv. V3V		4: 1/2" port
		5: 3/4" port	A start valve		A start valve		A start valve		5: 3/4" port
		6: 1" port	D depurator		D depurator		D depurator		6: 1" port
			C active carbon filter		C active carbon filter		C active carbon filter		
			L lubricator		L lubricator		L lubricator		
P air take-off		P air take-off		P air take-off					
S pressure switch		S pressure switch		S pressure switch					

**ANTI-CORROSION VERSION PRICE LIST: YOU OBTAIN IT BY ADDING THE EXTRA PRICE TO THE STANDARD VERSION**

		without bushing	with bushing	
FIL, DEP, AC, PA	Basic price +	X	X	The code will have an "X" at second position <b>Code example:</b> 5611F101 FIL SY1 1/8 5 RMSA 5X11F101 FIL SY1 1/8 5 RMSA anti-corrosion
LUB	Basic price +	X	X	
REG, FR, V3V MAN	Basic price +	X	X	

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Size	Code	Skillair 100			Skillair 200				Skillair 300				Skillair 400			
		w/out end plates	1/4"	3/8"	w/out end plates	1/4"	3/8"	1/2"	w/out end plates	1/2"	3/4"	1"	w/out end plates	1"	1 1/4"	1 1/2"


Reference		32	32	33	34	34	35	36	44	44	45	46	61	61	62	63	64
-----------	--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

**FILTER**




FIL 5 RMSA w/out end plates	88001A	X			X				X				X				
FIL 5 SAC w/out end plates	88007A	X			X												
FIL 5 RA w/out end plates	88004A								X				X				
FIL 20 RMSA w/out end plates	88002A	X			X				X				X				
FIL 20 SAC w/out end plates	88008A	X			X												
FIL 20 RA w/out end plates	88005A								X				X				
FIL 50 RMSA w/out end plates	88003A	X			X				X				X				
FIL 50 SAC w/out end plates	88009A	X			X												
FIL 50 RA w/out end plates	88006A												X				
FIL 5 RMSA	88001		X	X		X	X	X		X	X	X		X	X	X	X
FIL 5 SAC	88007		X	X		X	X	X									
FIL 5 RA	88004								X	X	X			X	X	X	X
FIL 20 RMSA	88002		X	X		X	X	X	X	X	X			X	X	X	X
FIL 20 SAC	88008		X	X		X	X	X									
FIL 20 RA	88005								X	X	X			X	X	X	X
FIL 50 RMSA	88003		X	X		X	X	X	X	X	X			X	X	X	X
FIL 50 SAC	88009		X	X		X	X	X									
FIL 50 RA	88006								X	X	X			X	X	X	X

**DEPURATOR**




D RMSA w/out end plates	88001A	X			X				X				X				
D RA w/out end plates	88002A								X				X				
D RMSA	88001		X	X		X	X	X		X	X	X		X	X	X	X
D RA	88002								X	X	X			X	X	X	X

**ACTIVE CARBON FILTER**




FIL. AC RMSA w/out end plates	88003A	X			X				X				X				
FIL. AC RMSA	88003		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

**DIAPHRAGM DRIER SERIE DRY 100**




DRY 100 w/out end plates	3290001A	X															
DRY 100	3 90001	X	X	X													
F+D+PA+DRY 100 1/4" RMSA-RMSA	3 91001		X	X													
F+D+PA+DRY 100 1/4" SAC-RMSA	3 91005		X	X													
F+D+PA+DRY 100 1/4" SAC-SAC	3 91006		X	X													

**REGULATORS**



REG 02 w/out end plates	02001A	X			X												
REG 04 w/out end plates	02002A	X			X												
REG 08 w/out end plates	02003A	X			X												
REG 012 w/out end plates	02004A	X			X												
REG 02	02001		X	X		X	X	X						X	X	X	X
REG 04	02002		X	X		X	X	X									
REG 08	02003		X	X		X	X	X									
REG 012	02004		X	X		X	X	X									
REG 04 w/out end plates	02001A								X				X				
REG 08 w/out end plates	4402002A								X								
REG 012 w/out end plates	4402003A								X								
REG 04	4 02001									X	X	X					
REG 08	4 02002									X	X	X					
REG 012	4 02003									X	X	X					






**100 IN-SERIES REGULATOR**



REG in-line 100 02 w/out end plates	3202101A	28,69															
REG in-line 100 04 w/out end plates	3202102A	28,69															
REG in-line 100 08 w/out end plates	3202103A	28,69															
REG in-line 100 012 w/out end plates	3202104A	28,69															
REG in-line 100 02	3 02101		32,94	32,94													
REG in-line 100 04	3 02102		32,94	32,94													
REG in-line 100 08	3 02103		32,94	32,94													
REG in-line 100 012	3 02104		32,94	32,94													

UNITS



Size	Code	Skillair 100			Skillair 200			Skillair 300			Skillair 400						
		w/out end plates	1/4"	3/8"	w/out end plates	1/4"	3/8"	1/2"	w/out end plates	1/2"	3/4"	1"	w/out end plates	1"	1 1/4"	1 1/2"	2"
<b>Reference</b>		32	32	33	34	34	35	36	44	44	45	46	61	61	62	63	64
<b>PADLOCKABLE REGULATOR</b>																	
	REG key 02 w/out end plates	10001A	X			X				X							
	REG key 04 w/out end plates	10002A	X			X				X							
	REG key 08 w/out end plates	10003A	X			X				X							
	REG key 012 w/out end plates	10004A	X			X				X							
	REG key 02	10001		X	X		X	X	X								
	REG key 04	10002		X	X		X	X	X								
	REG key 08	10003		X	X		X	X	X								
	REG key 012	10004		X	X		X	X	X								
	REG 300 key 02	10000									X	X	X				
	REG 300 key 04	10001									X	X	X				
	REG 300 key 08	10002									X	X	X				
	REG 300 key 012	10003									X	X	X				
<b>PILOT REGULATOR</b>																	
	REG P 02	3206001		X													
	REG P 04	3206002		X													
	REG P 08	3206003		X													
	REG P 012	3206004		X													
<b>PILOT PADLOCKABLE REGULATOR</b>																	
	REG P key 02	3208001		X													
	REG P key 04	3208002		X													
	REG P key 08	3208003		X													
	REG P key 012	3208004		X													
<b>300 PILOT OPERATED REGULATOR</b>																	
	REG pilotato w/out end plates	4403003A								X							
	REG pilotato	03003									X	X	X				
<b>FILTER REGULATOR</b>																	
	FR 5 08 RMSA w/out end plates	83007A	X			X											
	FR 5 08 SAC w/out end plates	83031A	X			X											
	FR 20 08 RMSA w/out end plates	83008A	X			X											
	FR 20 08 SAC w/out end plates	83032A	X			X											
	FR 50 08 RMSA w/out end plates	83009A	X			X											
	FR 50 08 SAC w/out end plates	83033A	X			X											
	FR 5 012 RMSA w/out end plates	83010A	X			X											
	FR 5 012 SAC w/out end plates	83034A	X			X											
	FR 20 012 RMSA w/out end plates	83011A	X			X											
	FR 20 012 SAC w/out end plates	83035A	X			X											
	FR 50 012 RMSA w/out end plates	83012A	X			X											
	FR 50 012 SAC w/out end plates	83036A	X			X											
	FR 300 5 08 RMSA w/out end plates	4483004A								X							
	FR 300 5 08 RA w/out end plates	4483013A								X							
	FR 300 20 08 RMSA w/out end plates	4483005A								X							
	FR 300 20 08 RA w/out end plates	4483014A								X							
	FR 300 50 08 RMSA w/out end plates	4483006A								X							
	FR 300 50 08 RA w/out end plates	4483015A								X							
	FR 300 5 012 RMSA w/out end plates	4483007A								X							
	FR 300 5 012 RA w/out end plates	4483016A								X							
	FR 300 20 012 RMSA w/out end plates	4483008A								X							
	FR 300 20 012 RA w/out end plates	4483017A								X							
	FR 300 50 012 RMSA w/out end plates	4483009A								X							
	FR 300 50 012 RA w/out end plates	4483018A								X							
	FR 5 08 RMSA	83007		X	X		X	X	X								
	FR 5 08 SAC	83031		X	X		X	X	X								
	FR 20 08 RMSA	83008		X	X		X	X	X								
	FR 20 08 SAC	83032		X	X		X	X	X								
	FR 50 08 RMSA	83009		X	X		X	X	X								
	FR 50 08 SAC	83033		X	X		X	X	X								
	FR 5 012 RMSA	83010		X	X		X	X	X								
	FR 5 012 SAC	83034		X	X		X	X	X								
	FR 20 012 RMSA	83011		X	X		X	X	X								
	FR 20 012 SAC	83035		X	X		X	X	X								
	FR 50 012 RMSA	83012		X	X		X	X	X								
	FR 50 012 SAC	83036		X	X		X	X	X								
	FR 300 5 08 RMSA	83004									X	X	X				
	FR 300 5 08 RA	83013									X	X	X				
	FR 300 20 08 RMSA	83005									X	X	X				
	FR 300 20 08 RA	83014									X	X	X				
	FR 300 50 08 RMSA	83006									X	X	X				
	FR 300 50 08 RA	83015									X	X	X				
	FR 300 5 012 RMSA	83007									X	X	X				
	FR 300 5 012 RA	83016									X	X	X				
	FR 300 20 012 RMSA	83008									X	X	X				
	FR 300 20 012 RA	83017									X	X	X				
	FR 300 50 012 RMSA	83009									X	X	X				
	FR 300 50 012 RA	83018									X	X	X				

UNITS

Size	Code	Skillair 100			Skillair 200			Skillair 300			Skillair 400				
		w/out end plates	1/4"	3/8"	w/out end plates	1/4"	3/8"	1/2"	w/out end plates	1/2"	3/4"	1"	w/out end plates	1"	1 1/4"

**LUBRICATOR**



Reference	Code	32	32	33	34	34	35	36	44	44	45	46	61	61	62	63	64
LUB w/out end plates	81001A	X			X				X				X				
LUB CD manual w/out end plates	81005A	X			X				X								
LUB CD manual w/out end plates	6181004A												X				
LUB ML-CD automatic w/out end plates	81006A								X				X				
LUB	81001		X	X		X	X	X		X	X	X		X	X	X	X
LUB CD manual	81005		X	X		X	X	X		X	X	X					
LUB CD manual	81004													X	X	X	X
LUB ML-CD automatic	81006									X	X	X		X	X	X	X

**SHUT-OFF VALVE (V3V)**



Reference	Code	32	32	33	34	34	35	36	44	44	45	46	61	61	62	63	64
V3V lockable w/out end plates	70001A	X			X				X								
V3V pneum. w/out end plates	69000A	X			X				X				X				
V3V solenoid w/out end plates	69001A	X			X												
V3V solenoid ass. w/out end plates	69002A	X			X												
V3V solenoid com. CNOMO w/out end plates	69004A				X				X				X				
V3V solenoid com. CNOMO ass. w/out end plates	69005A				X				X				X				
V3V key-operated w/out end plates	6169010A												X				
V3V lockable w/out end plates	6170002A												X				
V3V lockable	70001		X	X		X	X	X		X	X	X					
V3V pneum.	69000		X	X		X	X	X		X	X	X		X	X	X	X
V3V solenoid	69001		X	X		X	X	X									
V3V solenoid ass.	69002		X	X		X	X	X									
V3V solenoid com. CNOMO	69004					X	X	X		X	X	X		X	X	X	X
V3V solenoid com. CNOMO ass.	69005					X	X	X		X	X	X		X	X	X	X
V3V key-operated	6.69010													X	X	X	X
V3V lockable	6.70002													X	X	X	X

**PROGRESSIVE START VALVE (VAP)**



Reference	Code	32	32	33	34	34	35	36	44	44	45	46	61	61	62	63	64
VAP w/out end plates	3271000A	X															
VAP pneum. w/out end plates	3271500A	X															
VAP solenoid w/out end plates	3271600A	X															
VAP solenoid ass. w/out end plates	3271700A	X															
VAP	3.71000		X	X													
VAP pneum.	3.71500		X	X													
VAP solenoid	3.71600		X	X													
VAP solenoid ass.	3.71700		X	X													

**PROGRESSIVE STARTER (APR)**



Reference	Code	32	32	33	34	34	35	36	44	44	45	46	61	61	62	63	64
APR pneumatic w/out end plates	3267001A	X															
APR solenoid w/out end plates	3267051A	X															
APR pneumatic w/out end plates	3471000A				X												
APR elpn. w/out end plates	3471001A				X												
APR elpn. com. CNOMO w/out end plates	3471004A				X												
APR pneumatic w/out end plates	4471900A								X								
APR solenoid CNOMO w/out end plates	4471901A								X								
APR pneumatic w/out end plates	6171002A												X				
APR solenoid w/out end plates	6171003A												X				
APR pneumatic	67001		X	X													
APR solenoid	67051		X	X													
APR pneumatic	71000					X	X	X									
APR solenoid	71001					X	X	X									
APR solenoid com. CNOMO	71004					X	X	X									
APR pneumatic	71900								X	X	X						
APR solenoid CNOMO	71901								X	X	X						
APR pneumatic	71002												X	X	X	X	X
APR solenoid	71003												X	X	X	X	X

Size	Code	Skillair 100			Skillair 200			Skillair 300			Skillair 400				
		w/out end plate	1/4"	3/8"	w/out end plate	1/4"	3/8"	1/2"	w/out end plate	1/2"	3/4"	1"	w/out end plate	1"	1 1/4"

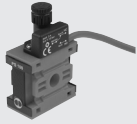
**AIR TAKE-OFF**



Reference	Code	2	2	1	2	2	3	4	2	2	1	2	1	1	2	3	4
PA 100 w/out end plates	9200402A	X															
PA 200 w/out end plates	9300402A				X												
PA 300 w/out end plates	9400402A								X								
PA 400 w/out end plates	9700401A												X				
PA	920040		X	X													
PA	930040					X	X	X									
PA 300 1/2	9400402								X								
PA	950040									X	X						
PA	970040												X	X	X	X	X

Size	Code	Skillair 100			Skillair 200			Skillair 300			Skillair 400				
		w/out end plates	1/4"	3/8"	w/out end plates	1/4"	3/8"	1/2"	w/out end plates	1/2"	3/4"	1"	w/out end plates	1"	1 1/4"

**PRESSURE SWITCHES**



PS 2A NO/NC cable 2 m w/out end plates  
 PS 2A NO/NC connector M8 w/out end plates  
 PS 2A NO/NC cable 2 m w/out end plates  
 PS 2A NO/NC connector M8 w/out end plates  
 PS 2A NO/NC cable 2 m w/out end plates  
 PS 2A NO/NC connector M8 w/out end plates

Reference		32	32	33	34	34	35	36	44	44	45	46	61	61	62	63	64
	3240000A	X															
	3240001A	X															
	3440000A				X												
	3440001A				X												
	4440000A								X								
	4440001A								X								

**SUB-BASE AND ADAPTOR BASE**

**MULTIPLE SUB-BASES FOR REGULATORS**

SB 2 100 1/4 3/8  
 SB 2 200 1/4 3/8 1/2  
 SB 2 300 1/2 3/4  
 SB 3 100 1/4 3/8  
 SB 3 200 1/4 3/8 1/2  
 SB 3 300 1/2 3/4



	9200202	X															
	9300202	X															
	9400202	X															
	9200302	X															
	9300302	X															
	9400302	X															

**ADAPTOR BASE**

BA 100 1/4 3/8  
 BA 200 1/4 3/8 1/2  
 BA 300 1/2 3/4



	9201801	X															
	9321801	X															
	9401801	X															

**SIZE ADAPTOR**

BA 100-200  
 BA 100-300  
 BA 200-300

	9301801	X															
	9301802	X															
	9301803	X															

**FIL+REG+LUB**



FRL 20 08 RMSA  
 FRL 20 012 RMSA  
 FRL 20 08 RMSA  
 FRL 20 012 RMSA  
 FRL 20 08 RMSA  
 FRL 20 012 RA

	82008		X	X		X	X	X									
	82011		X	X		X	X	X									
	82005								X	X	X						
	82008								X	X	X						
	82002												X	X	X	X	
	82005												X				

**FR+LUB**



FR+L 100 20 08 RMSA  
 FR+L 100 20 012 RMSA  
 FR+L 300 20 08 RMSA  
 FR+L 300 20 012 RMSA

	84008		X	X		X	X	X									
	84011		X	X		X	X	X									
	84005								X	X	X						
	84008								X	X	X						

**V3V+FR+LUB**



VFR+L 20 08 RMSA  
 VFR+L 20 012 RMSA  
 VFR+L 20 08 RMSA  
 VFR+L 20 012 RMSA

	72008		X	X		X	X	X									
	72011		X	X		X	X	X									
	72005								X	X	X						
	72008								X	X	X						

**FIL+LUB**



F+L 20 RMSA  
 F+L 20 RA

	85002		X	X		X	X	X		X	X	X		X	X	X	X
	85005										X			X			

**FIL+DEP**



F+D 5 RMSA-RMSA  
 F+D 5 SAC-RMSA  
 F+D 5 SAC-SAC  
 F+D 5 RA-RA  
 F+D 5 RMSA  
 F+D 5 RA









	89001		X	X		X	X	X		X	X	X					
	89005		X	X		X	X	X									
	89006		X	X		X	X	X									
	89002								X	X	X						
	6.89001												X	X	X	X	
	6.89002												X	X	X	X	







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**BIT STANDARD**

		Code			
Size			1/8"		1/4"
Reference			1		2
<b>FILTER</b>					
	FIL BIT 5 RMSA	5_01001	X		X
	FIL BIT 5 SAC	5_01004	X		X
	FIL BIT 20 RMSA	5_01002	X		X
	FIL BIT 20 SAC	5_01005	X		X
	FIL BIT 50 RMSA	5_01003	X		X
	FIL BIT 50 SAC	5_01006	X		X
<b>DEPURATOR</b>					
	DEP RMSA	5_12001	X		X
<b>MICRO-REGULATOR</b>					
<b>MICRO-REGULATOR (MR)</b>					
	MR BIT 02	5_07001	X		X
	MR BIT 04	5_07002	X		X
	MR BIT 08	5_07003	X		X
	MR BIT 012	5_07004	X		X
<b>CONTROLLED RELIEF MICROREGULATOR FC</b>					
	MR BIT FC 02	5_11001	X		X
	MR BIT FC 04	5_11002	X		X
<b>QUICK RELIEF MICROREGULATOR SR</b>					
	MR BIT SR 02	5_02001	X		X
	MR BIT SR 04	5_02002	X		X
	MR BIT SR 08	5_02003	X		X
	MR BIT SR 012	5_02004	X		X
<b>WATER MICROREGULATOR MRA</b>					
	MRA BIT 02	5_08001	X		X
	MRA BIT 04	5_08002	X		X
	MRA BIT 08	5_08003	X		X
	MRA BIT 012	5_08004	X		X
<b>PADLOCK MICROREGULATOR</b>					
	MR BIT key 02	5_10001	X		X
	MR BIT key 04	5_10002	X		X
	MR BIT key 08	5_10003	X		X
	MR BIT key 012	5_10004	X		X
<b>FILTER REGULATOR</b>					
	FR BIT 5 02 RMSA	5_05001	X		X
	FR BIT 5 02 SAC	5_05013	X		X
	FR BIT 20 02 RMSA	5_05002	X		X
	FR BIT 20 02 SAC	5_05014	X		X
	FR BIT 50 02 RMSA	5_05003	X		X
	FR BIT 50 02 SAC	5_05015	X		X
	FR BIT 5 04 RMSA	5_05004	X		X
	FR BIT 5 04 SAC	5_05016	X		X
	FR BIT 20 04 RMSA	5_05005	X		X
	FR BIT 20 04 SAC	5_05017	X		X
	FR BIT 50 04 RMSA	5_05006	X		X
	FR BIT 50 04 SAC	5_05018	X		X
	FR BIT 5 08 RMSA	5_05007	X		X
	FR BIT 5 08 SAC	5_05019	X		X
	FR BIT 20 08 RMSA	5_05008	X		X
	FR BIT 20 08 SAC	5_05020	X		X
	FR BIT 50 08 RMSA	5_05009	X		X
	FR BIT 50 08 SAC	5_05021	X		X
	FR BIT 5 012 RMSA	5_05010	X		X
	FR BIT 5 012 SAC	5_05022	X		X
	FR BIT 20 012 RMSA	5_05011	X		X
	FR BIT 20 012 SAC	5_05023	X		X
	FR BIT 50 012 RMSA	5_05012	X		X
	FR BIT 50 012 SAC	5_05024	X		X









		Code		1/8"	1/4"
Size	Reference			1	2
<b>LUBRICATOR</b>					
	LUB BIT	5_03001		X	X
<b>AIR INTAKE</b>					
	PA - BIT	9100401		X	X
<b>FIL+REG+LUB</b>					
	FRL BIT 20 08 RMSA	5_04008		X	X
	FRL BIT 20 012 RMSA	5_04011		X	X
<b>FR+LUB</b>					
	FR+L BIT 20 08 RMSA	5_06008		X	X
	FR+L BIT 20 012 RMSA	5_06011		X	X
<b>FIL+DEP</b>					
	F+D BIT 5 RMSA	5_14001		X	X
	F+D BIT 5 SAC-RMSA	5_14002		X	X
<b>FIL+LUB</b>					
	F+L BIT 20 RMSA	5_13002		X	X





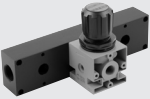


**BIT SERIES F FOR WATER**






		Code		1/8"	1/4"
Size	Reference			1	2
<b>FILTER</b>					
	FIL BIT F 20	5_01002F		X	X
<b>REGULATOR</b>					
	<b>WITH BRASS PORTS</b>				
	REG BIT F 02	5_08001F		X	X
	REG BIT F 04	5_08002F		X	X
	REG BIT F 08	5_08003F		X	X
	REG BIT F 012	5_08004F		X	X
	<b>WITH TECHNOPOLIMER PORTS</b>				
	REG BIT F TP 02	5_28001F			X
	REG BIT F TP 04	5_28002F			X
	REG BIT F TP 08	5_28003F			X
	REG BIT F TP 012	5_28004F			X
<b>FILTER-REGULATOR</b>					
	FR BIT F 20 02	5_05102F		X	X
	FR BIT F 20 04	5_05105F		X	X
	FR BIT F 20 08	5_05108F		X	X
	FR BIT F 20 012	5_05111F		X	X

**LINK FOR BIT**



		Code	1/4"	3/8"	1/2"	3/4"	1"
Size	Reference		2	3	4	5	6
<b>FILTER</b>							
	FIL 4 RMSA	1_21005	X	X	X	X	X
	FIL 4 RA	1_21009		X	X	X	X
	FIL 4 SAC	1_21013	X	X	X		
	FIL 20 RMSA	1_21006	X	X	X	X	X
	FIL 20 RA	1_21010		X	X	X	X
	FIL 20 SAC	1_21014	X	X	X		
	FIL 50 RMSA	1_21008	X	X	X	X	X
	FIL 50 RA	1_21012		X	X	X	X
	FIL 50 SAC	1_21016	X	X	X		
<b>DEPURATOR</b>							
	DEP RMSA	1_22002		X	X		
	DEP RA	1_22003		X	X		
	DEP SAC	1_22004		X	X		
<b>REGULATOR</b>							
	REG 04	1_02001	X	X	X	X	X
	REG 08	1_02002	X	X	X	X	X
	REG 012	1_02003	X	X	X	X	X
	REG 02	1_02004	X				
<b>PADLOCKABLE REGULATOR</b>							
	REG key 02	1_10011	X				
	REG key 04	1_10012	X	X	X		
	REG key 08	1_10013	X	X	X		
	REG key 012	1_10014	X	X	X		
<b>PILOT-ASSISTED REGULATOR</b>							
	RP pilot-assisted regulator	1_02004		X	X		
<b>REGULATOR-REGULATOR WITH V3V 3/4" AND 1"</b>							
	REGP 00	1_19001				X	X
	REGP 02	1_18001				X	X
	REGP 04	1_18002				X	X
	REGP 08	1_18003				X	X
	REGP 012	1_18004				X	X
<b>3/4" REGULATOR WITH BUILT-IN SHUT-OFF VALVE</b>							
	RV3V 02 ELPN	1_17001				X	X
	RV3V 04 ELPN	1_17002				X	X
	RV3V 08 ELPN	1_17003				X	X
	RV3V 02 key	1_16101				X	X
	RV3V 04 key	1_16102				X	X
	RV3V 08 key	1_16103				X	X
	RV3V 012 key	1_16104				X	X
	RV3V 02 manual	1_16001				X	X
	RV3V 04 manual	1_16002				X	X
	RV3V 08 manual	1_16003				X	X
	RV3V 012 manual	1_16004				X	X
<b>FILTER REGULATOR</b>							
	FR 4 RMSA 08	1_25029	X	X	X		
	FR 4 SAC 08	1_25509	X	X	X		
	FR 4 RMSA 012	1_25053	X	X	X		
	FR 4 012 SAC	1_25513	X	X	X		
	FR 20 RMSA 08	1_25030	X	X	X		
	FR 20 08 SAC	1_25510	X	X	X		
	FR 20 RMSA 012	1_25054	X	X	X		
	FR 20 012 SAC	1_25514	X	X	X		
	FR 50 RMSA 08	1_25032	X	X	X		
	FR 50 08 SAC	1_25511	X	X	X		
	FR 50 RMSA 012	1_25056	X	X	X		
	FR 50 012 SAC	1_25516	X	X	X		

		Code	1/4"	3/8"	1/2"	3/4"	1"
Size	Reference		2	3	4	5	6
<b>LUBRICATOR</b>							
	LUB	1_23001	X	X	X	X	X
<b>SHUT OFF VALVE (V3V)</b>							
	V3V ND	1_70001	X	X	X		
<b>3/4" AND 1" SHUT-OFF VALVE</b>							
	V3V elpn.CNOMO	1_75001				X	X
	V3V manual	1_74001				X	X
	V3V key	1_74101				X	X
	V3V pneumatic	1_76001				X	X
<b>AIR TAKE-OFF</b>							
	PA 1/4 take-off	9200401	X				
	PA 1/2 take-off	9400401			X		
	PA 3/4 take-off	9600401				X	
<b>SUB-BASE</b>							
	SB 1/4 sub-base 2 pos.	9200201	X				
	SB 1/2 sub-base 2 pos.	9400201			X		
	SB 3/4 sub-base 2 pos.	9600201				X	
	SB 1/4 sub-base 3 pos.	9200301	X				
	SB 1/2 sub-base 3 pos.	9400301			X		
	SB 3/4 sub-base 3 pos.	9600301				X	
<b>AUTOMATIC CONDENSATE DRAIN</b>							
	Autom. cond. drain 1/2 in line	4589003			X		
<b>FIL+REG+LUB</b>							
	FRL 4 RMSA 08	1_24029	X	X	X		
	FRL 4 RA 08	1_24033		X	X		
	FRL 4 SAC 08	1_24409	X	X	X		
	FRL 20 RMSA 08	1_24030	X	X	X		
	FRL 20 RA 08	1_24034		X	X		
	FRL 20 SAC 08	1_24410	X	X	X		
	FRL 50 RMSA 08	1_24032	X	X	X		
	FRL 50 RA 08	1_24036		X	X		
	FRL 50 SAC 08	1_24412	X	X	X		
	FRL 4 RMSA 012	1_24053	X	X	X		
	FRL 4 RA 012	1_24057		X	X		
	FRL 4 SAC 012	1_24413	X	X	X		
	FRL 20 RMSA 012	1_24054	X	X	X		
	FRL 20 RA 012	1_24058		X	X		
	FRL 20 SAC 012	1_24414	X	X	X		
	FRL 50 RMSA 012	1_24056	X	X	X		
	FRL 50 RA 012	1_24060		X	X		
	FRL 50 SAC 012	1_24416	X	X	X		
<b>FIL+REG+LUB</b>							
	FRL 4 RMSA 08	1_24017				X	X
	FRL 4 RA 08	1_24021				X	X
	FRL 20 RMSA 08	1_24018				X	X
	FRL 20 RA 08	1_24022				X	X
	FRL 50 RMSA 08	1_24020				X	X
	FRL 50 RA 08	1_24024				X	X
	FRL 4 RMSA 012	1_24029				X	X
	FRL 4 RA 012	1_24033				X	X
	FRL 20 RMSA 012	1_24030				X	X
	FRL 20 RA 012	1_24034				X	X
	FRL 50 RMSA 012	1_24032				X	X
	FRL 50 RA 012	1_24036				X	X

		Code	1/4"	3/8"	1/2"	3/4"	1"
Size	Reference		2	3	4	5	6
<b>FRPL</b>							
	FRPL 4 08 RMSA	1_28007				X	X
	FRPL 4 08 RA	1_28019				X	X
	FRPL 20 08 RMSA	1_28008				X	X
	FRPL 20 08 RA	1_28020				X	X
	FRPL 50 08 RMSA	1_28009				X	X
	FRPL 50 08 RA	1_28021				X	X
	FRPL 4 012 RMSA	1_28010				X	X
	FRPL 4 012 RA	1_28022				X	X
	FRPL 20 012 RMSA	1_28011				X	X
	FRPL 20 012 RA	1_28023				X	X
	FRPL 50 012 RMSA	1_28012				X	X
	FRPL 50 012 RA	1_28024				X	X
<b>FR+LUB</b>							
	FR+L 3/8 4 RMSA 08	1_26029	X	X	X		
	FR+L 3/8 4 SAC 08	1_26409	X	X	X		
	FR+L 3/8 4 RMSA 012	1_26053	X	X	X		
	FR+L 3/8 4 SAC 012	1_26413	X	X	X		
	FR+L 3/8 20 RMSA 08	1_26030	X	X	X		
	FR+L 3/8 20 RA 08	1_26034	X	X	X		
	FR+L 3/8 20 SAC 08	1_26410	X	X	X		
	FR+L 3/8 20 RMSA 012	1_26054	X	X	X		
	FR+L 3/8 20 RA 012	1_26058	X	X	X		
	FR+L 3/8 20 SAC 012	1_26414	X	X	X		
	FR+L 3/8 50 RMSA 08	1_26032	X	X	X		
	FR+L 3/8 50 SAC 08	1_26412	X	X	X		
	FR+L 3/8 50 RMSA 012	1_26056	X	X	X		
	FR+L 3/8 50 SAC 012	1_26416	X	X	X		
<b>V3V+FR+LUB</b>							
	VFR+L 20 RMSA 08 N	1_72030	X	X	X		
	VFR+L 20 RMSA 012 N	1_72054	X	X	X		
	VFR+L 50 RMSA 08 N	1472032			X		
	VFR+L 50 RMSA 012 N	1472056			X		
<b>FIL+DEP</b>							
	F+D 4 RMSA-RMSA	1_27004		X	X		
	F+D 4 RA-RA	1_27007		X	X		
	F+D 4 SAC-RMSA	1_27104		X	X		
<b>FIL+LUB</b>							
	F+L 20 RMSA	1_33006	X	X	X	X	X

## LINK FOR NEW DEAL

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 "SPARE PARTS" PAGE 153



### UNIT CAPTION

- P Pilot = Precision pilot regulator (for Skillair regulators series 300 and 400 pilotable).
- CA Lubricator = Lubricator with automatic oil loading.
- ML Lubricator = Lubricator with signal of oil minimum level.
- CAML Lubricator = Lubricator with automatic oil loading and signal of oil minimum level.
- CD Lubricator = Lubricator with vacuum loading.
- CDML Lubricator = Lubricator with vacuum loading and signal of oil minimum level.
- CDV Lubricator = Lubricator with automatic vacuum loading.
- RMSA Filter = Filter having condensate drain tap with combined. Functions: manual and semi-automatic.
- RA Filter = Filter having automatic condensate drain tap (big sizes).
- RSC Filter = Filter having conveyed drain tap.
- SAC Filter = Filter having automatic condensate drain tap (small sizes).
- All the combinations are available in the following versions:
  - Register spring with regulation field:
    - 0-2 bar; 0-4 bar; 0-8 bar; 0-12 bar;
  - Filtering element of 5µ; 20µ; 50µ;
  - Condensate drain tap having manual function;
    - semi-automatic; automatic.
- An "A" placed at the end of the code indicates the Skillair product supplied without end plates.
- The Skillair and Bit series can be supplied in the version for water.





ONE electric or ONE not electric		Air intake	Degree of filtration	Clogged filter signal	Condensate drain	Pressure regulator	Valves	Pressure switch	Air outlet	Miscellaneous special version
5	4	3	2	1	1	8	7	1	3	0
53 : ONE not electric		1: 1/4"	2: 20 µm	0: No	0: RMSA	2: 0,5-2 bar	0: None	0: No	1: 1/4"	0 0 : Standard
53 : ONE not electric and/or V3V electric and /or APR electric		2: 3/8"	5: 5 µm	1: Si	1: Automatic	4: 0,5-4 bar	1: V3V manual	1: Si	2: 3/8"	
		3: 1/2"				8: 0,5-8 bar	2: V3V manual with padlock		3: 1/2"	
		4: 3/4"					3: V3V manual and soft start valve		4: 3/4"	
		5: 1"					4: V3V manual with padlock and soft start valve		5: 1"	
							5: V3V manual and V3V electric			
							6: V3V manual with padlock and V3V electric			
							7: V3V manual and APR electric			
							8: V3V manual with padlock and APR electric			
							9: Only V3V electric			
							A: Only APR electric			

**LINK FOR ONE**

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 "SPARE PARTS" PAGE 153



**PRECISION PRESSURE REGULATOR WITH HIGH EXHAUST FLOW, SERIE GS**




Size Reference	Code	1/8"		1/4"	
		1		2	
REG. GS 02	551_200	X		X	
REG. GS 04	551_300	X		X	
REG. GS 08	551_400	X		X	


**LINK FOR PRECISION PRESSURE REG SERIES GS**


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 "SPARE PARTS" PAGE 153




**PROPORTIONAL PRECISION PRESSURE REGULATOR "REGTRONIC" SERIES**

Code	Description
<b>REGTRONIC M5</b>	
	
5520500	REGTRONIC M5 with display OUT 0-10 V
5520502	REGTRONIC M5 remote control OUT 0-10 V
5540500	REGTRONIC M5 with display OUT 4-20 mA
5540502	REGTRONIC M5 remote control OUT 4-20 mA
5530500	REGTRONIC IO-Link M5 with display
5530502	REGTRONIC IO-Link M5 remote control

Code	Description
<b>REGTRONIC 1/8"; 1/4"</b>	
	
5521500	REGTRONIC 1/8 with display OUT 0-10 V
5521502	REGTRONIC 1/8 remote control OUT 0-10 V
5522500	REGTRONIC 1/4 with display OUT 0-10 V
5522502	REGTRONIC 1/4 remote control OUT 0-10 V
5541500	REGTRONIC 1/8 with display OUT 4-20 mA
5541502	REGTRONIC 1/8 remote control OUT 4-20 mA
5542500	REGTRONIC 1/4 with display OUT 4-20 mA
5542502	REGTRONIC 1/4 remote control OUT 4-20 mA
5531500	REGTRONIC IO-Link 1/8 with display
5531502	REGTRONIC IO-Link 1/8 remote control
5532500	REGTRONIC IO-Link 1/4 with display
5532502	REGTRONIC IO-Link 1/4 remote control

Code	Description
<b>REGTRONIC NEW DEAL</b>	
	
1520003	REGTRONIC New Deal 3/4 with display OUT 0-10 V
1520004	REGTRONIC New Deal 3/4 remote control OUT 0-10 V
1620003	REGTRONIC New Deal 1 with display OUT 0-10 V
1620004	REGTRONIC New Deal 1 remote control OUT 0-10 V
1520043	REGTRONIC New Deal 3/4 with display OUT 4-20 mA
1520044	REGTRONIC New Deal 3/4 remote control OUT 4-20 mA
1620043	REGTRONIC New Deal 1 with display OUT 4-20 mA
1620044	REGTRONIC New Deal 1 remote control OUT 4-20 mA
1520033	REGTRONIC IO-Link ND 3/4 with display
1520034	REGTRONIC IO-Link ND 3/4 remote control
1620033	REGTRONIC IO-Link ND 1 with display
1620034	REGTRONIC IO-Link ND 1 remote control

Code	Description
<b>REGTRONIC 300</b>	
	
4402012A	REGTRONIC 300 with display without end plates OUT 0-10 V
4402013A	REGTRONIC 300 remote control without end plates OUT 0-10 V
4402012	REGTRONIC 300 1/2 with display OUT 0-10 V
4402013	REGTRONIC 300 1/2 remote control OUT 0-10 V
4502012	REGTRONIC 300 3/4 with display OUT 0-10 V
4502013	REGTRONIC 300 3/4 remote control OUT 0-10 V
4602012	REGTRONIC 300 1 with display OUT 0-10 V
4602013	REGTRONIC 300 1 remote control OUT 0-10 V
4402412A	REGTRONIC 300 with display without end plates OUT 4-20 mA
4402413A	REGTRONIC 300 remote control without end plates OUT 4-20 mA
4402412	REGTRONIC 300 1/2 with display OUT 4-20 mA
4402413	REGTRONIC 300 1/2 remote control OUT 4-20 mA
4502412	REGTRONIC 300 3/4 with display OUT 4-20 mA
4502413	REGTRONIC 300 3/4 remote control OUT 4-20 mA
4602412	REGTRONIC 300 1 with display OUT 4-20 mA
4602413	REGTRONIC 300 1 remote control OUT 4-20 mA
4402312A	REGTRONIC IO-Link 300 display without end plates
4402313A	REGTRONIC IO-Link 300 remote control without end plates
4402312	REGTRONIC IO-Link 300 1/2 display
4402313	REGTRONIC IO-Link 300 1/2 remote control
4502312	REGTRONIC IO-Link 300 3/4 display
4502313	REGTRONIC IO-Link 300 3/4 remote control
4602312	REGTRONIC IO-Link 300 1 display
4602313	REGTRONIC IO-Link 300 1 remote control

Code	Description
<b>REGTRONIC 400</b>	
	
6102012A	REGTRONIC 400 with display without end plates OUT 0-10 V
6102013A	REGTRONIC 400 control remote without end plates OUT 0-10 V
6102012	REGTRONIC 400 1 with display OUT 0-10 V
6102013	REGTRONIC 400 1 control remote OUT 0-10 V
6202012	REGTRONIC 400 1 1/4 with display OUT 0-10 V
6202013	REGTRONIC 400 1 1/4 control remote OUT 0-10 V
6302012	REGTRONIC 400 1 1/2 with display OUT 0-10 V
6302013	REGTRONIC 400 1 1/2 control remote OUT 0-10 V
6402012	REGTRONIC 400 2 with display OUT 0-10 V
6402013	REGTRONIC 400 2 control remote OUT 0-10 V
6102412A	REGTRONIC 400 with display without end plates OUT 4-20 mA
6102413A	REGTRONIC 400 control remote without end plates OUT 4-20 mA
6102412	REGTRONIC 400 1 with display OUT 4-20 mA
6102413	REGTRONIC 400 1 control remote OUT 4-20 mA
6202412	REGTRONIC 400 1 1/4 with display OUT 4-20 mA
6202413	REGTRONIC 400 1 1/4 control remote OUT 4-20 mA
6302412	REGTRONIC 400 1 1/2 with display OUT 4-20 mA
6302413	REGTRONIC 400 1 1/2 control remote OUT 4-20 mA
6402412	REGTRONIC 400 2 with display OUT 4-20 mA
6402413	REGTRONIC 400 2 control remote OUT 4-20 mA
6102312A	REGTRONIC IO-Link 400 display without end plates
6102313A	REGTRONIC IO-Link 400 remote control without end plates
6102312	REGTRONIC IO-Link 400 1 display
6102313	REGTRONIC IO-Link 400 1 remote control
6202312	REGTRONIC IO-Link 400 1 1/4 display
6202313	REGTRONIC IO-Link 400 1 1/4 remote control
6302312	REGTRONIC IO-Link 400 1 1/2 display
6302313	REGTRONIC IO-Link 400 1 1/2 remote control
6402312	REGTRONIC IO-Link 400 2 display
6402313	REGTRONIC IO-Link 400 2 remote control

**LINK FOR REG SERIES "REGTRONIC"**

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## FLOWMETER SERIES FLUX

**Code**      **Description**  
**FLOWMETER SERIES FLUX 0**



- 9000958A2      Flowmeter FLUX 0 50L Ø8 PNP 4-20 mA 2 m
- 9000958V2      Flowmeter FLUX 0 50L Ø8 PNP 1-5V 2 m
- 9000978A2      Flowmeter FLUX 0 200L Ø8 PNP 4-20 mA 2 m
- 9000978V2      Flowmeter FLUX 0 200L Ø8 PNP 1-5V 2 m

**Code**      **Description**  
**FLOWMETER SERIES FLUX 1**



- 9000991000      Flowmeter Flux 1, 1/2", PNP, 0-10 V 4-20 mA
- 9000991200      Flowmeter Flux 1, 1/2", I/O Link
- 9000991510      Flowmeter Flux 1, 1/2", PNP 0-10V 4-20mA display and pressure sensor
- 9000991610      Flowmeter Flux 1, 1/2", I/O Link display and pressure sensor

**Code**      **Description**  
**FLOWMETER SERIES FLUX 2**



- 9000992000      Flowmeter Flux 2, 1", PNP, 0-10 V 4-20 mA
- 9000992200      Flowmeter Flux 2, 1", I/O Link
- 9000992510      Flowmeter Flux 2, 1", PNP 0-10V 4-20mA, display and pressure sensor
- 9000992610      Flowmeter Flux 2, 1", I/O Link display and pressure sensor

## LINK FOR FLOWMETER SERIES FLUX

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## PRESSURE SWITCH



- 9000405      Pressure switch G1/4 2A NO/NC 2 mt.cable
- 9000406      Pressure switch G1/4 2A NO/NC 2 M8 conn.

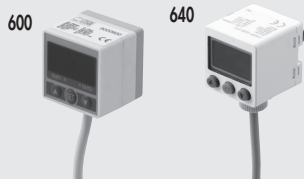
- 9000401      Pressure switch G1/8 2A NO/NC 2 mt.cable
- 9000402      Pressure switch G1/8 2A NO/NC 2 M8 conn.

## LINK FOR PRESSURE SWITCH

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## DIGITAL PRESSURE SWITCH



- 9000600      Digital pressure switch 600 series
- 9000640      Digital pressure switch 640 series

## LINK FOR DIGITAL PRESSURE SWITCH

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











## SPARE PARTS

Description Diameter	Code	Qtà											
				SYNTEI 1	SYNTEI 2	SKILLAIR	BIT	BIT - SERIES F PER ACQUA	NEW DEAL	ONE	REG SERIES GS		
<b>SECURITY KNOB</b>													
 Security knob apr/pressure switch	9200703			X	X	X							
<b>AUTOMATIC DRAIN</b>													
 RA automatic drain spare part	9000802			X	X	X				X	X		
 SAC automatic drain spare part	9000803			X	X		X		X				
<b>BOWL RMSA/RA/SAC</b>													
 RMSA/RA Bowl FIL FR DEP RMSA SY1	9210100			X									
 RMSA/RA Bowl FIL FR RA SY1	9210101			X									
 RMSA/RA Bowl FIL FR DEP SAC SY1	9210102			X									
 SAC Bowl FIL FR DEP RMSA SY2	9210105				X								
 SAC Bowl FIL FR RA SY2	9210106				X								
 SAC Bowl FIL FR DEP SAC SY2	9210107				X								
<b>LUBRICATOR BOWL</b>													
 Bowl LUB SY1	9210110			X									
 Bowl LUB SY2	9210115				X								
<b>FILTER BOWL</b>													
 Spares TF 100 RMSA	9253301					X							
 Spares TF 100 SAC	9255301					X							
 Spares TF 200 RMSA	9353301					X							
 Spares TF 200 SAC	9355301					X							
 Spares TF 300 RMSA	9453301					X							
 Spares TF 300 RA	9453401					X							
 Spares TF 400 RMSA	9653301					X							
 Spares TF 400 RA	9653401					X							
<b>LUBRICATOR BOWL</b>													
 Spares TL 100	9253501					X							
 Spares TL 100 CA	9202503					X							
 Spares TL 100 CD	9202502					X							
 Spares TL 100 ML	9202501					X							
 Spares TL 200	9353501					X							
 Spares TL 200 CA	9302501					X							
 Spares TL 200 CD	9302503					X							
 Spares TL 200 ML	9302502					X							
 Spares TL 300	9453501					X							
 Spares TL 300 CA	9202403					X							
 Spares TL 300 CD	9202401					X							
 Spares TL 300 ML	9202402					X							
 Spares TL 400	9653501					X							
 Spares TL 400 CA	9653502					X							
 Spares TL 400 CD	9653503					X							
 Spares TL 400 ML	9653504					X							
<b>FILTER AND FILTER-REGULATOR BOWL</b>													
 Spares TF 1/8 1/4 BIT RMSA	9255001						X						
 Spares TF 1/8 1/4 BIT SAC	9255101						X						
<b>LUBRICATOR BOWL</b>													
 Spares TL 1/8 1/4 BIT	9251402						X						
<b>FILTERING ELEMENT</b>													
 Filtering element 5µm (yellow) SY1	9210150			X									
 Filtering element 20µm (white) SY1	9210151			X									
 Filtering element 50µm (blue) SY1	9210152			X									
 Filtering element 5µm (yellow) SY2	9210155				X								
 Filtering element 20µm (white) SY2	9210156				X								
 Filtering element 50µm (blue) SY2	9210157				X								

Description Diameter	Code	Qty		SYNTES 1	SYNTES 2	SKILLAIR	BIT	BIT - SERIES F PER ACQUA	NEW DEAL	ONE	REG SERIES GS
 Spares FP 100 5	9251705					X					
Spares FP 100 20	9251706					X					
Spares FP 100 50	9251707					X					
Spares FP 200 5	9351705					X					
Spares FP 200 20	9351706					X					
Spares FP 200 50	9351707					X					
Spares FP 300 5	9451705					X					
Spares FP 300 20	9451706					X					
Spares FP 300 50	9451707					X					
Spares FP 400 5	9651705					X					
Spares FP 400 20	9651706					X					
Spares FP 400 50	9651707					X					
 Spares FP 1/8-1/4 BIT 5 (yellow)	9251708						X				
Spares FP 1/8-1/4 BIT 20 (white)	9251709						X	X			
Spares FP 1/8-1/4 BIT 50 (blue)	9251710						X				
 Spares FP 1/2 20	9450102								X		
Spares FP 1/2 4	9450103								X		
Spares FP 1/2 50	9450101								X		
Spares FP 1/4 20	9250102								X		
Spares FP 1/4 4	9250103								X		
Spares FP 1/4 50	9250101								X		
Spares FP 3/4 4	9650103								X		
Spares FP 3/4 20	9650102								X		
Spares FP 3/4 50	9650101								X		
<b>PURIFIER FILTERING ELEMENT</b>											
 DEP cartridge 0.01 µm SY1	9210160			X							
DEP cartridge 0.01 µm SY2	9210165				X						
DEP cartridge 1 µm SY1	9210162			X							
DEP cartridge 1 µm SY2	9210167				X						
 Spares FP DEP. 100 kit	9251711					X					
Spares FP DEP. 200 kit	9351711					X					
Spares FP DEP. 300 kit	9451711					X					
Spares FP DEP. 400 kit	9651711					X					
 Spares FP DEP. 1/8 1/4 BIT	9251712						X				
 Spares kit FP DEP. 3/8 1/2	9450105								X		
<b>FILTER CARTRIDGE</b>											
 Spares filter cartridge BIT 5	9251808						X				
Spares filter cartridge BIT 20	9251809						X	X			
Spares filter cartridge BIT 50	9251810						X				
<b>CARTRIDGE AC</b>											
 Cartridge AC SY1	9210161			X							
Cartridge AC SY2	9210166				X						
Spares cartridge 100 AC	9251713					X					
Spares cartridge 200 AC	9351713					X					
Spares cartridge 300 AC	9451713					X					
Spares cartridge 400 AC	9651712					X					
<b>TRANSPARENT LUBRICATOR COVER</b>											
 Transparent cover LUB SY1	9210180			X							
Transparent cover LUB SY2	9210185				X						
Spares CVL 100-200-300-400 BIT	9251302						X				
<b>LUBRICATOR OIL-FILLING CAP</b>											
 Oil-filling cap LUB SY1	9210181			X							
Oil-filling cap LUB SY2	9210186				X						

Description Diameter	Code	Qtà										
				SYNTE5 1	SYNTE5 2	SKILLAIR	BIT	BIT - SERIES F PER ACQUA	NEW DEAL	ONE	REG SERIES G5	

**SPRINGS FOR REGULATORS AND FR**



Spring 02 SY1	9210190	20		X								
Spring 04 SY1	9210191	20		X								
Spring 08 SY1	9210192	20		X								
Spring 012 SY1	9210193	20		X								
Spring 02 SY2	9210195	20			X							
Spring 04 SY2	9210196	20			X							
Spring 08 SY2	9210197	20			X							
Spring 012 SY2	9210198	20			X							
Spring 08 SY1 anti-corrosion	9210192X	20		X								
Spring 012 SY1 anti-corrosion	9210193X	20		X								
Spring 08 SY2 anti-corrosion	9210197X	20			X							
Spring 012 SY2 anti-corrosion	9210198X	20			X							
Spares MO 100 02	9250605					X						
Spares MO 100 04	9250606					X						
Spares MO 100 08	9250607					X						
Spares MO 100 012	9250608					X						
Spares MO 200 02	9350605					X						
Spares MO 200 04	9350606					X						
Spares MO 200 08	9350607					X						
Spares MO 200 012	9350608					X						
Spares MO 300 04	9450605					X						
Spares MO 300 08	9450606					X						
Spares MO 300 012	9450607					X						
Spares MO 300 02	9450608					X						
Spares MO 02 BIT	9250610						X	X				
Spares MO 04 BIT	9250611						X	X				
Spares MO 08 BIT	9250612						X	X				
Spares MO 012 BIT	9250613						X	X				
Spares MO 02 1/4	9250601									X		
Spares MO 04 1/4	9250602									X		
Spares MO 08 1/4	9250603									X		
Spares MO 12 1/4	9250604									X		
Spares MO 04 1/2	9450601									X		
Spares MO 08 1/2	9450602									X		
Spares MO 12 1/2	9450603									X		
Spares MO 04 3/4	9650601									X		
Spares MO 08 3/4	9650602									X		
Spares MO 12 3/4	9650603									X		

**BELL FOR REG AND FR**















Bell 02 SY1	9210200	20		X								
Bell 04 SY1	9210201	20		X								
Bell 08 SY1	9210202	20		X								
Bell 012 SY1	9210203	20		X								
Bell 02 SY2	9210220	20			X							
Bell 04 SY2	9210221	20			X							
Bell 08 SY2	9210222	20			X							
Bell 012 SY2	9210223	20			X							
Bell 08 SY1 anti-corrosion	9210202X	20		X								
Bell 012 SY1 anti-corrosion	9210203X	20		X								
Bell 08 SY2 anti-corrosion	9210222X	20			X							
Bell 012 SY2 anti-corrosion	9210223X	20			X							

**UPPER COVER FOR REGULATOR AND FR**



Spares CS 100 02	9250800					X						
Spares CS 100 04	9250810					X						
Spares CS 100 08	9250811					X						
Spares CS 100 012	9250812					X						
Spares CS 200 02	9350800					X						
Spares CS 200 04	9350810					X						
Spares CS 200 08	9350811					X						
Spares CS 200 012	9350812					X						
Spares CS 300 04	9450805					X						
Spares CS 300 08	9450806					X						
Spares CS 300 012	9450807					X						
Spares CS 300 02	9450808					X						





Description Diameter	Code	Qtà			SYNTEI 1	SYNTEI 2	SKILLAIR	BIT	BIT - SERIES F PER ACQUA	NEW DEAL	ONE	REG SERIES GS
<b>COMPLETE POPPET FOR FR</b>												
 Spares OTR 1/8 1/4 BIT 5	9250905						X					
Spares OTR 1/8 1/4 BIT 20	9250906						X					
Spares OTR 1/8 1/4 BIT 50	9250907						X					
<b>COMPLETE POPPET FOR FILTER REGULATOR</b>												
 Spares OTR 1/4	9250901									X		
Spares OTR 1/2	9450901									X		
<b>COMPLETE POPPET FOR REGULATOR</b>												
 Spares OTR 1/4	9250701									X		
Spares OTR 1/2	9450701									X		
Spares OTR 3/4	9650701									X		
<b>POPPET</b>												
 Spares poppet for ONE	9250707										X	
<b>CNOMO CONTROL FOR V3V AND APR SY2</b>												
 solenoidCNOMO control kit, manual bistable	9453922	20			X							
<b>VENTURI LUBRICATOR DIAPHRAGM</b>												
 Spares MB 100	9252001						X					
Spares MB 200	9352001						X					
Spares MB 300	9452001						X					
Spares MB 400	9652601						X					
<b>TRANSPARENT LUBRICATOR COVER</b>												
 Spares CVL 100-200-300-400 BIT	9251302						X					
<b>PROVISION FOR SOLENOID CONTROL TO CNOMO FOR APR-300</b>												
 Spares PCE to CNOMO	9454001						X					
<b>PROVISION FOR MICRO SOLENOID CONTROL FOR APR-300</b>												
 Spares PCE micro	9453601						X					
<b>PROVISION FOR PNEUMATIC CONTROL FOR APR-300</b>												
 Spares PCP pneumatic	9453701						X					
<b>CNOMO SOLENOID CONTROL FOR APR-300 AND V3V 300</b>												
 Spares CEC CNOMO 24CC	9453901						X					
Spares CEC CNOMO 24V	9453902						X					
Spares CEC CNOMO 110V	9453903						X					
Spares CEC CNOMO 220V	9453904						X					
<b>MICRO SOLENOID CONTROL FOR APR-300 AND V3V 300 (NO MORE IN THE CATALOGUE)</b>												
 Spares CEM micro 24CC	9453801						X					
Spares CEM micro 24V	9453802						X					
Spares CEM micro 110V	9453803						X					
Spares CEM micro 220V	9453804						X					



















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## PUSH-IN FITTINGS

### BRASS FITTINGS FOR mm TUBES AND G (BSP) or METRIC THREAD

Code	Description	Quantity	Code	Description	Quantity	Code	Description	Quantity
<b>STRAIGHT, CYLINDRICAL, MALE (R1)</b>			<b>STRAIGHT, INTERMEDIATE (R3)</b>			<b>2006005</b> R6 Ø 5 1/8 50		
						<b>2006006</b> R6 Ø 5 1/4 50		
<b>2001B01</b>	R1 Ø 3 M3	50	<b>2003A02</b>	R3 Ø 3	50	<b>2006000</b>	R6 Ø 6 M5	50
<b>2001B02</b>	R1 Ø 3 M5	50	<b>2003A01</b>	R3 Ø 3.17	50	<b>2006021</b>	R6 Ø 6 M7	50
<b>2001A01</b>	R1 Ø 3.17 M3	50	<b>2103001</b>	RL3 Ø 4	50	<b>2006007</b>	R6 Ø 6 1/8	50
<b>2001A02</b>	R1 Ø 3.17/1.5 M5	50	<b>2003002</b>	R3 Ø 5	50	<b>2006008</b>	R6 Ø 6 1/4	50
<b>2101001</b>	RL1 Ø 4 M5	50	<b>2103003</b>	RL3 Ø 6	50	<b>2006009</b>	R6 Ø 8 1/8	50
<b>2101020</b>	RL1 Ø 4 M7	50	<b>2103004</b>	RL3 Ø 8	50	<b>2006010</b>	R6 Ø 8 1/4	50
<b>2101002</b>	RL1 Ø 4 1/8	50	<b>2103005</b>	RL3 Ø 10	50	<b>2006011</b>	R6 Ø 8 3/8	50
<b>2101003</b>	RL1 Ø 4 1/4	50	<b>2003006</b>	RL3 Ø 12	25	<b>2006012</b>	R6 Ø 10 1/4	50
<b>2001004</b>	R1 Ø 5 M5	50	<b>2003007</b>	RL3 Ø 14	25	<b>2006013</b>	R6 Ø 10 3/8	50
<b>2001005</b>	R1 Ø 5 1/8	50				<b>2006022</b>	R6 Ø 10 1/2	50
<b>2001006</b>	R1 Ø 5 1/4	50	<b>2103301</b>	RL3 Ø 4 Ø6	50	<b>2006019</b>	R6 Ø 12 1/4	25
<b>2101000</b>	RL1 Ø 6 M5	50	<b>2103302</b>	RL3 Ø 4 Ø8	50	<b>2006014</b>	R6 Ø 12 3/8	25
<b>2101021</b>	RL1 Ø 6 M7	50	<b>2103303</b>	RL3 Ø 6 Ø8	50	<b>2006015</b>	R6 Ø 12 1/2	25
<b>2101007</b>	RL1 Ø 6 1/8	50	<b>2103304</b>	RL3 Ø 6 Ø10	50	<b>2006016</b>	R6 Ø 14 3/8	25
<b>2101008</b>	RL1 Ø 6 1/4	50	<b>2103305</b>	RL3 Ø 8 Ø10	50	<b>2006017</b>	R6 Ø 14 1/2	25
<b>2101101</b>	RL1 Ø 6-M12X1.5	50	<b>2103306</b>	RL3 Ø 6 Ø12	25	<b>2006101</b>	R6 Ø 6 M12X1.5	50
<b>2101009</b>	RL1 Ø 8 1/8	50	<b>2103307</b>	RL3 Ø 8 Ø12	25	<b>2006102</b>	R6 Ø 8 M12X1.5	50
<b>2101010</b>	RL1 Ø 8 1/4	50	<b>2103308</b>	RL3 Ø 10 Ø12	25			
<b>2101011</b>	RL1 Ø 8 3/8	50				<b>EXTENDED THREADED ADAPTOR (R18)</b>		
<b>2101102</b>	RL1 Ø 8-M12X1.5	50						
<b>2101012</b>	RL1 Ø 10-1/4	50	<b>ELBOW, INTERMEDIATE (R4)</b>			<b>2018002</b>	R18 Ø 4 1/8	50
<b>2101013</b>	RL1 Ø 10-3/8	50				<b>2018007</b>	R18 Ø 6 1/8	50
<b>2101018</b>	RL1 Ø 10-1/2	25	<b>2004A02</b>	R4 Ø 3	50	<b>2018008</b>	R18 Ø 6 1/4	50
<b>2001019</b>	RL1 Ø 12 1/4	25	<b>2004A01</b>	R4 Ø 3.17	50	<b>2018009</b>	R18 Ø 8 1/8	50
<b>2001014</b>	RL1 Ø 12 3/8	25	<b>2104001</b>	RL4 Ø 4	50	<b>2018010</b>	R18 Ø 8 1/4	50
<b>2001015</b>	RL1 Ø 12 1/2	25	<b>2004002</b>	R4 Ø 5	50	<b>2018011</b>	R18 Ø 8 3/8	25
<b>2001016</b>	RL1 Ø 14 3/8	25	<b>2104003</b>	RL4 Ø 6	50	<b>2018012</b>	R18 Ø 10 1/4	50
<b>2001017</b>	RL1 Ø 14 1/2	25	<b>2104004</b>	RL4 Ø 8	50	<b>2018013</b>	R18 Ø 10 3/8	25
			<b>2104005</b>	RL4 Ø 10	50			
			<b>2004006</b>	RL4 Ø 12	25	<b>EXTENSION (R7)</b>		
			<b>2004007</b>	RL4 Ø 14	20			
<b>STRAIGHT, CONICAL, MALE (R1C)</b>						<b>2007001</b>	R7 Ø 4	100
			<b>TEE, INTERMEDIATE (R5)</b>			<b>2007002</b>	R7 Ø 5	50
<b>2101C02</b>	RL1/C Ø 4 1/8	50				<b>2007003</b>	R7 Ø 6	50
<b>2101C07</b>	RL1/C Ø 6 1/8	50	<b>2005A02</b>	R5 Ø 3	50	<b>2007005</b>	R7 Ø 10	50
<b>2101C08</b>	RL1/C Ø 6 1/4	50	<b>2005A01</b>	R5 Ø 3.17	50	<b>2007006</b>	R7 Ø 12	25
<b>2001Z07</b>	RL1/C Ø 6 M12X1	50	<b>2105001</b>	RL5 Ø 4	50	<b>2007007</b>	R7 Ø 14	20
<b>2001Z08</b>	RL1/C Ø 6 M12X1.25	50	<b>2005002</b>	R5 Ø 5	50	<b>2107004</b>	RL7 Ø 8	50
<b>2101C09</b>	RL1/C Ø 8 1/8	50	<b>2105003</b>	RL5 Ø 6	50			
<b>2101C10</b>	RL1/C Ø 8 1/4	50	<b>2105004</b>	RL5 Ø 8	50	<b>REDUCER (R8)</b>		
<b>2101C11</b>	RL1/C Ø 8 3/8	50	<b>2105005</b>	RL5 Ø 10	20			
<b>2101C13</b>	RL1/C Ø 10 1/4	50	<b>2005006</b>	RL5 Ø 12	20	<b>2008A01</b>	R8 Ø 4 Ø 3	50
<b>2101C14</b>	RL1/C Ø 10 3/8	50	<b>2005007</b>	RL5 Ø 14	10	<b>2008A02</b>	R8 Ø 4 Ø 3.17	50
<b>2001C15</b>	RL1/C Ø 12 3/8	25				<b>2008001</b>	RL8 Ø 5 Ø 4	50
<b>2001C16</b>	RL1/C Ø 12 1/2	25	<b>THREADED ADAPTOR (R6)</b>			<b>2108002</b>	RL8 Ø 6 Ø 4	50
						<b>2008003</b>	R8 Ø 6 Ø 5	50
<b>STRAIGHT, FEMALE (R2)</b>						<b>2108004</b>	RL8 Ø 8 Ø 4	50
			<b>2006A02</b>	R6 Ø 3 M5	100	<b>2008005</b>	R8 Ø 8 Ø 5	50
<b>2002B02</b>	R2 Ø 3 M5	50	<b>2006A01</b>	R6 Ø 3.17 M5	100	<b>2108006</b>	RL8 Ø 8 Ø 6	50
<b>2002A02</b>	R2 Ø 3.17 M5	50	<b>2006001</b>	R6 Ø 4 M5	50	<b>2108007</b>	RL8 Ø 10 Ø 6	50
<b>2102001</b>	RL2 Ø 4 1/8	50	<b>2006020</b>	R6 Ø 4 M7	50	<b>2108008</b>	RL8 Ø 10 Ø 8	50
<b>2102002</b>	RL2 Ø 4 1/4	50	<b>2006002</b>	R6 Ø 4 1/8	50	<b>2008009</b>	RL8 Ø 12 Ø 4	25
<b>2002003</b>	R2 Ø 5 1/8	50	<b>2006003</b>	R6 Ø 4 1/4	50	<b>2008010</b>	RL8 Ø 12 Ø 6	25
<b>2002004</b>	R2 Ø 5 1/4	50	<b>2006004</b>	R6 Ø 5 M5	50	<b>2008011</b>	RL8 Ø 12 Ø 8	25
<b>2102005</b>	RL2 Ø 6 1/8	50				<b>2008015</b>	RL8 Ø 10 Ø 12	25
<b>2102006</b>	RL2 Ø 6 1/4	50				<b>2008014</b>	RL8 Ø 14 Ø 8	25
<b>2102007</b>	RL2 Ø 8 1/8	50				<b>2008017</b>	RL8 Ø 14 Ø 10	25
<b>2102008</b>	RL2 Ø 8 1/4	50				<b>2008018</b>	RL8 Ø 14 Ø 12	25
<b>2102009</b>	RL2 Ø 10 1/4	50						
<b>2102010</b>	RL2 Ø 10 3/8	50				<b>Maggiorazione</b>		
<b>2102011</b>	RL2 Ø 12 3/8	25				<b>2009001</b>	RL8/M Ø 4 Ø 6	50
<b>2102012</b>	RL2 Ø 12 1/2	25						

Code Description Quantity

PLUG (R9)



2010A02	R9 Ø 3	100
2110A01	RL9T Ø 3.17	100
2110001	RL9T Ø 4	50
2010002	R9 Ø 5	50
2110003	RL9T Ø 6	50
2110004	RL9T Ø 8	50
2110005	RL9T Ø 10	50
2110006	RL9T Ø 12	50
2010007	R9 Ø 14	25

STRAIGHT, INTERMEDIATE, BULKMTAD (R10)



2011A02	R10 Ø 3	50
2011A01	R10 Ø 3.17	50
2111001	RL10 Ø 4	50
2011002	R10 Ø 5	50
2111003	RL10 Ø 6	50
2111004	RL10 Ø 8	50
2111005	RL10 Ø 10	25
2011006	RL10 Ø 12	25
2011007	RL10 Ø 14	25

2111301	RL10 Ø 6 Ø 4	50
2111302	RL10 Ø 8 Ø 4	50
2111303	RL10 Ø 8 Ø 6	50
2111304	RL10 Ø 10 Ø 6	50
2111305	RL10 Ø 10 Ø 8	25
2111306	RL10 Ø 12 Ø 6	25
2111307	RL10 Ø 12 Ø 8	25
2111308	RL10 Ø 12 Ø 10	25

SINGLE RING (R13)



2012A02	R13 Ø 3 M5	100
2012A01	R13 Ø 3.17 M5	50
2012001	RL13 Ø 4 M5	50
2012002	RL13 Ø 4 1/8	50
2012003	R13 Ø 5 M5	50
2012004	R13 Ø 5 1/8	50
2012005	RL13 Ø 6 1/8	50
2012006	RL13 Ø 6 1/4	50
2012007	RL13 Ø 8 1/8	50
2012008	RL13 Ø 8 1/4	50
2012009	RL13 Ø 8 3/8	50
2012010	RL13 Ø 10 1/4	50
2012011	RL13 Ø 10 3/8	50
2012012	RL13 Ø 12 3/8	25
2012013	RL13 Ø 12 1/4	25
2012014	RL13 Ø 12 1/2	20
2012017	RL13 Ø 14 1/2	10

DUAL RING (R14)



2013001	RL14 Ø 4 M5	50
2013002	RL14 Ø 4 1/8	50
2013003	R14 Ø 5 M5	50
2013004	R14 Ø 5 1/8	50
2013005	RL14 Ø 6 1/8	50
2013006	RL14 Ø 6 1/4	50
2013007	RL14 Ø 8 1/8	50
2013008	RL14 Ø 8 1/4	50
2013009	RL14 Ø 8 3/8	25
2013010	RL14 Ø 10 1/4	25
2013011	RL14 Ø 10 3/8	20

Code Description Quantity

ROD, MALE SINGLE ROTARY RING (R15)



2014101	R15 Ø 3 M3	100
2014102	R15 Ø 3.17 M3	100
2014103	R15 Ø 3 M5	100
2014104	R15 Ø 3.17 M5	100
2114001	RL15 Ø 4 M5	50
2114020	RL15 Ø 4 M7	50
2114002	RL15 Ø 4 1/8	50
2014003	R15 Ø 5 M5	50
2014004	R15 Ø 5 1/8	50
2114106	RL15 Ø 6 M5	50
2114021	RL15 Ø 6 M7	50
2114005	RL15 Ø 6 1/8	50
2114007	RL15 Ø 6 1/4	50
2114006	RL15 Ø 8 1/8	50
2114008	RL15 Ø 8 1/4	50
2114013	RL15 Ø 8 3/8	25
2114009	RL15 Ø 10 1/4	50
2114014	RL15 Ø 10 3/8	25
2014010	RL15 Ø 12 1/4	25
2014011	RL15 Ø 12 3/8	25
2014012	RL15 Ø 12 1/2	20
2014015	RL15 Ø 14 1/2	10

ROD, MALE DUAL ROTARY RING (R16)



2115001	RL16 Ø 4 M5	50
2115020	RL16 Ø 4 M7	50
2115002	RL16 Ø 4 1/8	50
2015003	R16 Ø 5 M5	50
2015004	R16 Ø 5 1/8	50
2115106	RL16 Ø 6 M5	50
2115021	RL16 Ø 6 M7	50
2115005	RL16 Ø 6 1/8	50
2115007	RL16 Ø 6 1/4	25
2115006	RL16 Ø 8 1/8	50
2115008	RL16 Ø 8 1/4	25
2115013	RL16 Ø 8 3/8	25
2115009	RL16 Ø 10 1/4	25
2115014	RL16 Ø 10 3/8	25
2015010	RL16 Ø 12 1/4	25
2015011	RL16 Ø 12 3/8	20
2015012	RL16 Ø 12 1/2	10

ROTARY ELBOW, MALE, CYLINDRICAL (R31)



2131001	RL31 Ø 4 M5	50
2131002	RL31 Ø 4 1/8	50
2131003	RL31 Ø 4 1/4	50
2031004	R31 Ø 5 M5	50
2031005	R31 Ø 5 1/8	50
2031006	R31 Ø 5 1/4	50
2131007	RL31 Ø 6 M5	50
2131008	RL31 Ø 6 1/8	50
2131009	RL31 Ø 6 1/4	50
2131010	RL31 Ø 8 1/8	50
2131011	RL31 Ø 8 1/4	50
2131012	RL31 Ø 8 3/8	50
2131013	RL31 Ø 10 1/4	50
2131014	RL31 Ø 10 3/8	25
2031015	RL31 Ø 10 1/2	25
2031016	RL31 Ø 12 1/4	25
2031017	RL31 Ø 12 3/8	25
2031018	RL31 Ø 12 1/2	25
2031019	RL31 Ø 14 1/2	20

Code Description Quantity

ROTARY ELBOW, MALE, CONICAL (R31C)



2131C02	RL31/C Ø 4 1/8	50
2131C03	RL31/C Ø 4 1/4	50
2131C08	RL31/C Ø 6 1/8	50
2131C09	RL31/C Ø 6 1/4	50
2131C10	RL31/C Ø 8 1/8	50
2131C11	RL31/C Ø 8 1/4	50
2131C12	RL31/C Ø 8 3/8	50
2131C13	RL31/C Ø 10 1/4	25
2131C14	RL31/C Ø 10 3/8	25
2031C15	RL31/C Ø 12 3/8	25
2031C16	RL31/C Ø 12 1/2	25

CENTRAL TEE, MALE, CYLINDRICAL, ROTARY (R32)



2132001	RL32 Ø 4 M5	50
2132002	RL32 Ø 4 1/8	50
2132003	RL32 Ø 4 1/4	50
2132004	RL32 Ø 6 M5	50
2032005	R32 Ø 5 1/8	50
2132008	RL32 Ø 6 1/8	50
2132009	RL32 Ø 6 1/4	50
2132010	RL32 Ø 8 1/8	50
2132011	RL32 Ø 8 1/4	50
2132012	RL32 Ø 8 3/8	50
2132013	RL32 Ø 10 1/4	25
2132014	RL32 Ø 10 3/8	25
2032017	RL32 Ø 12 3/8	20
2032018	RL32 Ø 12 1/2	10
2032019	RL32 Ø 14 1/2	10

CENTRAL TEE, MALE, CONICAL, ROTARY (RL32C)



2132C02	RL32/C Ø 4 1/8	50
2132C03	RL32/C Ø 4 1/4	50
2132C08	RL32/C Ø 6 1/8	50
2132C09	RL32/C Ø 6 1/4	50
2132C10	RL32/C Ø 8 1/8	50
2132C11	RL32/C Ø 8 1/4	50
2132C12	RL32/C Ø 8 3/8	50
2132C13	RL32/C Ø 10 1/4	25
2132C14	RL32/C Ø 10 3/8	25

LATERAL TEE, MALE, CYLINDRICAL, ROTARY (R38)



2138002	RL38 Ø 4 1/8	50
2138008	RL38 Ø 6 1/8	50
2138009	RL38 Ø 6 1/4	50
2138010	RL38 Ø 8 1/8	50
2138011	RL38 Ø 8 1/4	50
2138013	RL38 Ø 10 1/4	25
2138014	RL38 Ø 10 3/8	25
2038005	RL38 Ø 5 1/8	50
2038015	RL38 Ø 12 3/8	25
2038016	RL38 Ø 12 1/2	20

**Code Description Quantity**

**ELBOW, MALE, CONICAL (R39C)**



2L39C02	RL39/C Ø 4 1/8	50
2L39C08	RL39/C Ø 6 1/8	50
2L39C09	RL39/C Ø 6 1/4	50
2039Z07	RL39/Z Ø 6 M12X1	50
2039Z08	RL39/Z Ø 6 M12X1.25	50
2L39C10	RL39/C Ø 8 1/8	50
2L39C11	RL39/C Ø 8 1/4	50
2L39C13	RL39/C Ø 10 1/4	25

**CROSS FITTING (RL40)**



2L40001	RL40 Ø 4	10
2L40003	RL40 Ø 6	10
2L40004	RL40 Ø 8	10

**DUAL ROD SINGLE ROTARY RINGS (R50)**



2L50001	RL50 Ø 4 M5	25
2L50002	RL50 Ø 4 1/8	25
2033002	R33 Ø 5 1/8	25
2L50007	RL50 Ø 6 M5	25
2L50008	RL50 Ø 6 1/8	25
2L50009	RL50 Ø 6 1/4	25
2L50010	RL50 Ø 8 1/8	25
2L50011	RL50 Ø 8 1/4	25
2L50013	RL50 Ø 10 1/4	25

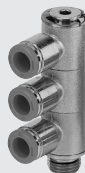
**DUAL ROD DUAL ROTARY RINGS (RL51)**



2L51001	RL51 Ø 4 M5	25
2L51002	RL51 Ø 4 1/8	25
2L51007	RL51 Ø 6 M5	25
2L51008	RL51 Ø 6 1/8	25
2L51009	RL51 Ø 6 1/4	25
2L51010	RL51 Ø 8 1/8	25
2L51011	RL51 Ø 8 1/4	25
2L51013	RL51 Ø 10 1/4	10

**Code Description Quantity**

**TRIPLE ROD SINGLE ROTARY RINGS (RL52)**



2L52002	RL52 Ø 4 1/8	25
2L52008	RL52 Ø 6 1/8	25
2L52009	RL52 Ø 6 1/4	25
2L52010	RL52 Ø 8 1/8	25
2L52011	RL52 Ø 8 1/4	25
2L52013	RL52 Ø 10 1/4	10

**TRIPLE ROD DUAL ROTARY RINGS (RL53)**



2L53002	RL53 Ø 4 1/8	20
2L53008	RL53 Ø 6 1/8	20
2L53009	RL53 Ø 6 1/4	10
2L53010	RL53 Ø 8 1/8	10
2L53011	RL53 Ø 8 1/4	10
2L53013	RL53 Ø 10 1/4	10

**MALE ROD, SINGLE SWIVEL RING (RL54)**



2L54001	RL54 Ø 4 M5	50
2L54002	RL54 Ø 4 1/8	50
2L54007	RL54 Ø 6 M5	50
2L54008	RL54 Ø 6 1/8	50
2L54009	RL54 Ø 6 1/4	50
2L54010	RL54 Ø 8 1/8	50
2L54011	RL54 Ø 8 1/4	50
2L54012	RL54 Ø 8 3/8	25
2L54013	RL54 Ø 10 1/4	50
2L54014	RL54 Ø 10 3/8	25
2L54018	RL54 Ø 12 1/4	50
2L54016	RL54 Ø 12 3/8	25
2L54017	RL54 Ø 12 1/2	25
2L54020	RL54 Ø 14 1/2	10

**MALE ROD, DUAL SWIVEL RING (RL55)**



2L55001	RL55 Ø 4 M5	50
2L55002	RL55 Ø 4 1/8	50
2L55007	RL55 Ø 6 M5	50
2L55008	RL55 Ø 6 1/8	50
2L55009	RL55 Ø 6 1/4	25
2L55010	RL55 Ø 8 1/8	50
2L55011	RL55 Ø 8 1/4	25
2L55012	RL55 Ø 8 3/8	25
2L55013	RL55 Ø 10 1/4	25
2L55014	RL55 Ø 10 3/8	25
2L55018	RL55 Ø 12 1/4	25
2L55016	RL55 Ø 12 3/8	10
2L55017	RL55 Ø 12 1/2	10

**Code Description Quantity**

**DUAL ROD, MALE SINGLE SWIVEL RINGS (RL56)**




2L56001	RL56 Ø 4 M5	25
2L56002	RL56 Ø 4 1/8	25
2L56007	RL56 Ø 6 M5	25
2L56008	RL56 Ø 6 1/8	25
2L56009	RL56 Ø 6 1/4	25
2L56010	RL56 Ø 8 1/8	25
2L56011	RL56 Ø 8 1/4	25
2L56012	RL56 Ø 8 3/8	25
2L56013	RL56 Ø 10 1/4	25
2L56014	RL56 Ø 10 3/8	10
2L56016	RL56 Ø 12 3/8	10
2L56017	RL56 Ø 12 1/2	10
2L56020	RL56 Ø 14 1/2	10

**DUAL ROD, MALE DUAL SWIVEL RINGS (RL57)**




2L57001	RL57 Ø 4 M5	25
2L57002	RL57 Ø 4 1/8	25
2L57007	RL57 Ø 6 M5	25
2L57008	RL57 Ø 6 1/8	25
2L57009	RL57 Ø 6 1/4	25
2L57010	RL57 Ø 8 1/8	25
2L57011	RL57 Ø 8 1/4	25
2L57012	RL57 Ø 8 3/8	10
2L57013	RL57 Ø 10 1/4	10
2L57014	RL57 Ø 10 3/8	10
2L57016	RL57 Ø 12 3/8	10
2L57017	RL57 Ø 12 1/2	5

**BRASS PUSH-IN FITTINGS FOR INCH TUBES AND UNF or NPT THREAD**

Code	Description	Quantity
<b>RU1 - MALE CONNECTORS</b>		
		
2U01A02	RU1 Ø1/8 10/32 UNF	50
2U01A03	RU1 Ø1/8 1/8 NPT	50
2U01001	RU1 Ø5/32 10/32 UNF	50
2U01002	RU1 Ø5/32 1/8 NPT	50
2U01003	RU1 Ø5/32 1/4 NPT	50
2U01000	RU1 Ø1/4 10/32 UNF	50
2U01007	RU1 Ø1/4 1/8 NPT	50
2U01008	RU1 Ø1/4 1/4 NPT	50
2U01020	RU1 Ø1/4 3/8 NPT	50
2U01009	RU1 Ø5/16 1/8 NPT	50
2U01010	RU1 Ø5/16 1/4 NPT	50
2U01011	RU1 Ø5/16 3/8 NPT	50
2U01012	RU1 Ø3/8 1/4 NPT	50
2U01013	RU1 Ø3/8 3/8 NPT	50
2U01021	RU1 Ø3/8 1/2 NPT	25
2U01014	RU1 Ø1/2 3/8 NPT	25
2U01015	RU1 Ø1/2 1/2 NPT	25

**RU2 - FEMALE CONNECTORS**

Code	Description	Quantity
		
2U02A03	RU2 Ø1/8 1/8 NPT	50
2U02001	RU2 Ø5/32 1/8 NPT	50
2U02002	RU2 Ø5/32 1/4 NPT	50
2U02005	RU2 Ø1/4 1/8 NPT	50
2U02006	RU2 Ø1/4 1/4 NPT	50
2U02007	RU2 Ø5/16 1/8 NPT	50
2U02008	RU2 Ø5/16 1/4 NPT	50

**RU3 - STRAIGHT UNION**

Code	Description	Quantity
		
2003A01	R3 Ø3.17	50
2L03001	RL3 Ø4	50
2U03003	RU3 Ø1/4 INCH	50
2L03004	RL3 Ø8	50
2U03005	RU3 Ø3/8 INCH	50
2U03006	RU3 Ø1/2 INCH	25


**RU4 - UNION ELBOWS**

Code	Description	Quantity
		
2004A01	R4 Ø3.17	50
2L04001	RL4 Ø4	50
2U04003	RU4 Ø1/4 INCH	50
2L04004	RL4 Ø8	50
2U04005	RU4 Ø3/8 INCH	50
2U04006	RU4 Ø1/2 INCH	25

**RU5 - UNION TEES**

Code	Description	Quantity
		
2005A01	R5 Ø3.17	50
2L05001	RL5 Ø4	50
2U05003	RU5 Ø1/4 INCH	50
2L05004	RL5 Ø8	50
2U05005	RU5 Ø3/8 INCH	25
2U05006	RU5 Ø1/2 INCH	20

**RU6 - STEM ADAPTORS**

Code	Description	Quantity
		
2U06A01	RU6 Ø1/8 1/8 NPT	100
2U06A02	RU6 Ø1/8 10/32 UNF	50
2U06001	RU6 Ø5/32 1/4 NPT	50
2U06002	RU6 Ø5/32 1/8 NPT	50
2U06003	RU6 Ø5/32 10/32 UNF	50
2U06000	RU6 Ø1/4 10/32 UNF	50
2U06007	RU6 Ø1/4 1/8 NPT	50
2U06008	RU6 Ø1/4 1/4 NPT	50
2U06020	RU6 Ø1/4 3/8 NPT	50
2U06009	RU6 Ø5/16 1/4 NPT	50
2U06010	RU6 Ø5/16 1/8 NPT	50
2U06011	RU6 Ø5/16 3/8 NPT	50
2U06012	RU6 Ø3/8 1/2 NPT	50
2U06013	RU6 Ø3/8 1/4 NPT	50
2U06022	RU6 Ø3/8 3/8 NPT	50
2U06014	RU6 Ø1/2 1/2 NPT	25
2U06015	RU6 Ø1/2 3/8 NPT	25


**RU7 - STRAIGHT CONNECTORS**

Code	Description	Quantity
		
2007001	R7 Ø4	100
2U07003	RU7 Ø1/4 INCH	50
2L07004	RL7 Ø8	50
2U07005	RU7 Ø3/8 INCH	50
2U07006	RU7 Ø1/2 INCH	25

**RU8 - PLUG IN REDUCERS**

Code	Description	Quantity
		
2008A02	R8 Ø4 Ø3.17	50
2U08002	RU8 Ø1/4-Ø5/32 INCH	50
2L08004	RL8 Ø8 Ø4	50
2U08006	RU8 Ø5/16-Ø1/4 INCH	50
2U08007	RU8 Ø3/8-Ø1/4 INCH	50
2U08010	RU8 Ø1/2-Ø1/4 INCH	25
2U08011	RU8 Ø1/2-Ø5/16 INCH	25
2U08015	RU8 Ø1/2-Ø3/8 INCH	25

**RU9 BLANKING PLUGS IN PLASTIC**

Code	Description	Quantity
		
2L10A01	RL9T Ø3.17	100
2L10001	RL9T Ø4	50
2U10003	RU9 Ø1/4	50
2L10004	RL9T Ø8	50
2U10005	RU9 Ø3/8	50
2U10006	RU9 Ø1/2	50

**RU10 - BULKHEAD UNIONS**

Code	Description	Quantity
		
2011A01	R10 Ø3.17	50
2L11001	RL10 Ø4	50
2U11003	RU10 1/4 INCH	50
2L11004	RL10 Ø8	50
2U11005	RU10 3/8 INCH	25
2U11006	RU10 1/2 INCH	25

**RU15 - ROTARY FITTINGS SINGLE**

Code	Description	Quantity
		
2U14104	RU15 Ø1/8 10/32 UNF	100
2U14001	RU15 Ø5/32 1/8 NPT	50
2U14002	RU15 Ø5/32 10/32 UNF	50
2U14106	RU15 Ø1/4 1/4 NPT	50
2U14005	RU15 Ø1/4 1/8 NPT	50
2U14007	RU15 Ø1/4 10/32 UNF	50
2U14006	RU15 Ø5/16 1/4 NPT	50
2U14008	RU15 Ø5/16 1/8 NPT	50
2U14013	RU15 Ø5/16 3/8 NPT	25
2U14009	RU15 Ø3/8 1/4 NPT	50
2U14014	RU15 Ø3/8 3/8 NPT	25
2U14011	RU15 Ø1/2 1/2 NPT	25
2U14012	RU15 Ø1/2 3/8 NPT	20

**RU16 - ROTARY FITTINGS DOUBLE**

Code	Description	Quantity
		
2U15001	RU16 Ø5/32 1/8 NPT	50
2U15002	RU16 Ø5/32 10/32 UNF	50
2U15106	RU16 Ø1/4 1/4 NPT	50
2U15005	RU16 Ø1/4 1/8 NPT	50
2U15007	RU16 Ø1/4 10/32 UNF	25
2U15006	RU16 Ø5/16 1/4 NPT	50
2U15008	RU16 Ø5/16 1/8 NPT	25
2U15013	RU16 Ø5/16 3/8 NPT	25
2U15009	RU16 Ø3/8 1/4 NPT	25
2U15014	RU16 Ø3/8 3/8 NPT	25
2U15011	RU16 Ø1/2 1/2 NPT	20
2U15012	RU16 Ø1/2 3/8 NPT	10

**RU31 - MALE ELBOWS**



Code	Description	Quantity
2U31001	RU31 Ø5/32 10/32 UNF	50
2U31002	RU31 Ø5/32 1/8 NPT	50
2U31003	RU31 Ø5/32 1/4 NPT	50
2U31007	RU31 Ø1/4 10/32 UNF	50
2U31008	RU31 Ø1/4 1/8 NPT	50
2U31009	RU31 Ø1/4 1/4 NPT	50
2U31010	RU31 Ø5/16 1/8 NPT	50
2U31011	RU31 Ø5/16 1/4 NPT	50
2U31012	RU31 Ø5/16 3/8 NPT	50
2U31013	RU31 Ø3/8 1/4 NPT	50
2U31014	RU31 Ø3/8 3/8 NPT	50
2U31015	RU31 Ø3/8 1/2 NPT	25
2U31017	RU31 Ø1/2 3/8 NPT	25
2U31018	RU31 Ø1/2 1/2 NPT	25

**RU32 - BRANCH TEES**



Code	Description	Quantity
2U32002	RU32 Ø5/32 1/4 NPT	50
2U32003	RU32 Ø5/32 1/8 NPT	50
2U32007	RU32 Ø1/4 1/4 NPT	50
2U32008	RU32 Ø1/4 1/8 NPT	50
2U32009	RU32 Ø1/4 10/32 UNF	50
2U32010	RU32 Ø5/16 1/4 NPT	50
2U32011	RU32 Ø5/16 1/8 NPT	50
2U32012	RU32 Ø5/16 3/8 NPT	50
2U32013	RU32 Ø3/8 1/2 NPT	25
2U32014	RU32 Ø3/8 1/4 NPT	25
2U32015	RU32 Ø3/8 3/8 NPT	25
2U32017	RU32 Ø1/2 1/2 NPT	25
2U32018	RU32 Ø1/2 3/8 NPT	20

**RU54 - SINGLE BANJO**



Code	Description	Quantity
2U54001	RU54 Ø5/32 1/8 NPT	50
2U54002	RU54 Ø5/32 10/32 UNF	50
2U54007	RU54 Ø1/4 1/4 NPT	50
2U54008	RU54 Ø1/4 1/8 NPT	50
2U54009	RU54 Ø1/4 10/32 UNF	50
2U54010	RU54 Ø5/16 1/4 NPT	50
2U54011	RU54 Ø5/16 1/8 NPT	50
2U54012	RU54 Ø5/16 3/8 NPT	25
2U54013	RU54 Ø3/8 1/4 NPT	50
2U54014	RU54 Ø3/8 3/8 NPT	25
2U54016	RU54 Ø1/2 1/2 NPT	25
2U54017	RU54 Ø1/2 3/8 NPT	25

**RU55 - DOUBLE BANJO**



Code	Description	Quantity
2U55001	RU55 Ø5/32 1/8 NPT	50
2U55002	RU55 Ø5/32 10/32 UNF	50
2U55007	RU55 Ø1/4 1/4 NPT	50
2U55008	RU55 Ø1/4 1/8 NPT	50
2U55009	RU55 Ø1/4 10/32 UNF	25
2U55010	RU55 Ø5/16 1/4 NPT	50
2U55011	RU55 Ø5/16 1/8 NPT	25
2U55012	RU55 Ø5/16 3/8 NPT	25
2U55013	RU55 Ø3/8 1/4 NPT	25
2U55014	RU55 Ø3/8 3/8 NPT	25
2U55016	RU55 Ø1/2 1/2 NPT	20
2U55017	RU55 Ø1/2 3/8 NPT	10

**RU56 - DOUBLE STACKING BANJO, 2 PIPE CONNECTIONS**



Code	Description	Quantity
2U56001	RU56 Ø5/32 1/8 NPT	25
2U56002	RU56 Ø5/32 10/32 UNF	25
2U56007	RU56 Ø1/4 1/4 NPT	25
2U56008	RU56 Ø1/4 1/8 NPT	25
2U56009	RU56 Ø1/4 10/32 UNF	25
2U56010	RU56 Ø5/16 1/4 NPT	25
2U56011	RU56 Ø5/16 1/8 NPT	25
2U56012	RU56 Ø5/16 3/8 NPT	25
2U56013	RU56 Ø3/8 1/4 NPT	25
2U56014	RU56 Ø3/8 3/8 NPT	10
2U56016	RU56 Ø1/2 1/2 NPT	10
2U56017	RU56 Ø1/2 3/8 NPT	10

**RU57 - DOUBLE STACKING BANJO, 4 PIPE CONNECTIONS**



Code	Description	Quantity
2U57001	RU57 Ø5/32 1/8 NPT	25
2U57002	RU57 Ø5/32 10/32 UNF	25
2U57007	RU57 Ø1/4 1/4 NPT	25
2U57008	RU57 Ø1/4 1/8 NPT	25
2U57009	RU57 Ø1/4 10/32 UNF	25
2U57010	RU57 Ø5/16 1/4 NPT	25
2U57011	RU57 Ø5/16 1/8 NPT	10
2U57012	RU57 Ø5/16 3/8 NPT	10
2U57013	RU57 Ø3/8 1/4 NPT	10
2U57014	RU57 Ø3/8 3/8 NPT	10
2U57016	RU57 Ø1/2 1/2 NPT	10
2U57017	RU57 Ø1/2 3/8 NPT	5

**ADAPTORS AND PLUGS FOR G (BSP) AND NPT THREAD**

**AU5/G - NPT FEMALE BSP MALE ADAPTORS**



Code	Description	Quantity
2105100U	AU5/G M5 M-10/32 UNF F	100
2105101U	AU5/G G1/8 M-1/8 NPT F	100
2105103U	AU5/G G1/4 M-1/4 NPT F	50
2105105U	AU5/G G3/8 M-3/8 NPT F	25
2105107U	AU5/G G1/2 M-1/2 NPT F	25

**AU7 - BLANKING PLUGS**




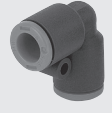









Code	Description	Quantity
2107000U	AU7 10/32 UNF	100
2107001U	AU7 1/8 NPT	100
2107002U	AU7 1/4 NPT	100
2107003U	AU7 3/8 NPT	50
2107004U	AU7 1/2 NPT	50

**AU5/N - NPT MALE BSP FEMALE ADAPTORS**



Code	Description	Quantity
2105200U	AU5/N 10/32 UNF M-M5 F	50
2105201U	AU5/N 1/8 NPT M-G 1/8 F	100
2105203U	AU5/N 1/4 NPT M-G 1/4 F	50
2105205U	AU5/N 3/8 NPT M-G 3/8 F	25
2105207U	AU5/N 1/2 NPT M-G 1/2 F	25

## TECHNOPOLYMER PUSH-IN FITTINGS FOR mm TUBES AND G (BSP) or METRIC THREAD

Code	Description	Quantity	Code	Description	Quantity	Code	Description	Quantity
<b>STRAIGHT, INTERMEDIATE, TECHNOPOLYMER (R19)</b>			<b>ELBOW, INTERMEDIATE, TECHNOPOLYMER (R21)</b>			<b>Y BRANCH WITH ADAPTOR, TECHNOPOLYMER (R24)</b>		
								
2019001	RL19 Ø 4	50	2L21001	RL21 Ø 4	50	2024001	RL24 Ø 4 Ø 4	50
2019002	RL19 Ø 5	50	2021002	R21 Ø 5	50	2024003	RL24 Ø 6 Ø 6	50
2019003	RL19 Ø 6	50	2L21003	RL21 Ø 6	50	2L24004	RL24 Ø 8 Ø 8	50
2019004	RL19 Ø 8	50	2L21004	RL21 Ø 8	50	2L24005	RL24 Ø 10 Ø 10	25
2019005	RL19 Ø 10	50	2021005	RL21 Ø 10	50	2L24006	RL24 Ø 12 Ø 12	25
2019006	RL19 Ø 12	25	2021006	RL21 Ø 12	25			
2019303	RL19 Ø6-Ø4	50				2L24301	RL24 Ø 6 Ø 4	50
2019304	RL19 Ø8-Ø6	50				2L24303	RL24 Ø 8 Ø 6	50
2019305	RL19 Ø10-Ø8	50				2L24306	RL24 Ø 10 Ø 8	25
2019306	RL19 Ø12-Ø10	25				2L24309	RL24 Ø 12 Ø 10	25
			<b>INTERMEDIATE TEE, TECHNOPOLYMER (R22)</b>			<b>TECHNOPOLYMER PARALLEL Y, THREADED INPUT (RL25)</b>		
								
			2L22001	RL22 Ø 4	50	2L25001	RL25 Ø 4 M5	10
			2022002	R22 Ø 5	50	2L25002	RL25 Ø 4 M7	10
			2L22003	RL22 Ø 6	50	2L25003	RL25 Ø 4 1/8	10
			2L22004	RL22 Ø 8	50	2L25004	RL25 Ø 6 1/8	10
			2022005	RL22 Ø 10	25	2L25005	RL25 Ø 6 1/4	10
			2022006	RL22 Ø 12	20	2L25008	RL25 Ø 8 1/4	10
						2L25009	RL25 Ø 8 3/8	10
			<b>MALE ROD, SINGLE ROTARY RING, TECHNOPOLYMER (R20)</b>			<b>WYE (R23)</b>		
								
2020001	RL20 Ø 4 M5	50	2023001	RL23 Ø 4 Ø 4	50	<b>SINGLE RING, TECHNOPOLYMER (R28)</b>		
2020002	RL20 Ø 4 1/8	50	2023002	R23 Ø 5 Ø 5	50			
2020003	R20 Ø 5 M5	50	2023003	RL23 Ø 6 Ø 6	50	2012102	R28 Ø 4 1/8	50
2020004	R20 Ø 5 1/8	50	2023004	RL23 Ø 8 Ø 8	50	2012104	R28 Ø 5 1/8	50
2020016	RL20 Ø 6 M5	50	2L23005	RL23 Ø 10 Ø 10	25	2012106	R28 Ø 6 1/8	50
2020005	RL20 Ø 6 1/8	50	2L23006	RL23 Ø 12 Ø 12	25	2012107	R28 Ø 6 1/4	50
2020007	RL20 Ø 6 1/4	50				2012108	R28 Ø 8 1/8	50
2020006	RL20 Ø 8 1/8	50				2012109	R28 Ø 8 1/4	50
2020008	RL20 Ø 8 1/4	50				2012110	R28 Ø 8 3/8	50
2020009	RL20 Ø 10 1/4	50				2012111	R28 Ø 10 1/4	50
2020010	RL20 Ø 12 1/4	25				2012112	R28 Ø 10 3/8	50
2020011	RL20 Ø 12 3/8	25				2012113	R28 Ø 12 1/4	25
2020012	RL20 Ø 12 1/2	20				2012114	R28 Ø 12 3/8	25
2L20017	R20 Ø 10 3/8	25				2012115	R28 Ø 12 1/2	25
			<b>MALE ROD, DUAL ROTARY RING, TECHNOPOLYMER (R20/A)</b>			<b>Y TECHNOPOLYMER, THREADED INPUT (RL23/M)</b>		
								
2020A01	R20/A Ø 4 M5	50	2L23401	RL23/M Ø 4 M5	25	<b>DUAL RING, TECHNOPOLYMER (R29)</b>		
2020A02	R20/A Ø 4 1/8	50	2L23402	RL23/M Ø 4 1/8	25			
2020A03	R20/A Ø 5 M5	50	2L23403	RL23/M Ø 4 1/4	25	2013102	R29 Ø 4 1/8	50
2020A04	R20/A Ø 5 1/8	50	2L23406	RL23/M Ø 6 1/8	25	2013104	R29 Ø 5 1/8	50
2020A05	R20/A Ø 6 1/8	50	2L23407	RL23/M Ø 6 1/4	25	2013106	R29 Ø 6 1/8	50
2020A06	R20/A Ø 8 1/8	50	2L23409	RL23/M Ø 8 1/8	25	2013107	R29 Ø 6 1/4	50
2020A07	R20/A Ø 6 1/4	25				2013108	R29 Ø 8 1/8	50
2020A08	R20/A Ø 8 1/4	25				2013109	R29 Ø 8 1/4	50
2020A09	R20/A Ø 10 1/4	25				2013110	R29 Ø 8 3/8	25
2020A10	R20/A Ø 12 1/4	25				2013111	R29 Ø 10 1/4	25
2020A11	R20/A Ø 12 3/8	20				2013112	R29 Ø 10 3/8	25
2020A12	R20/A Ø 12 1/2	10				2013113	R29 Ø 12 1/4	25
						2013114	R29 Ø 12 3/8	25
						2013115	R29 Ø 12 1/2	20

Code Description Quantity  
**ROTARY ELBOW, MALE, TECHNOPOLYMER (RL34)**



2L34001	RL34 Ø 4 M5	50
2L34020	RL34 Ø 4 M7	50
2L34002	RL34 Ø 4 1/8	50
2L34003	RL34 Ø 4 1/4	50
2L34006	RL34 Ø 6 M5	50
2L34021	RL34 Ø 6 M7	50
2L34007	RL34 Ø 6 1/8	50
2L34008	RL34 Ø 6 1/4	50
2L34009	RL34 Ø 8 1/8	50
2L34010	RL34 Ø 8 1/4	50
2L34011	RL34 Ø 8 3/8	50
2L34013	RL34 Ø 10 1/4	50
2L34014	RL34 Ø 10 3/8	25
2L34016	RL34 Ø 12 3/8	25
2L34017	RL34 Ø 12 1/2	25

**ELBOW, FEMALE, ROTARY, TECHNOPOLYMER (RL34/F)**



2L34F01	RL34/F Ø 4 M5	50
2L34F05	RL34/F Ø 4 1/8	50
2L34F06	RL34/F Ø 6 M5	50
2L34F07	RL34/F Ø 6 1/8	50
2L34F08	RL34/F Ø 6 1/4	50
2L34F09	RL34/F Ø 8 1/8	50
2L34F10	RL34/F Ø 8 1/4	50
2L34F13	RL34/F Ø 10 1/4	25
2L34F14	RL34/F Ø 10 3/8	25
2L34F16	RL34/F Ø 12 3/8	25
2L34F17	RL34/F Ø 12 1/2	25

**CENTRAL TEE, MALE, TECHNOPOLYMER (RL35)**



2L35001	RL35 Ø 4 M5	50
2L35020	RL35 Ø 4 M7	50
2L35002	RL35 Ø 4 1/8	50
2L35003	RL35 Ø 4 1/4	50
2L35006	RL35 Ø 6 M5	50
2L35007	RL35 Ø 6 1/8	50
2L35008	RL35 Ø 6 1/4	50
2L35009	RL35 Ø 8 1/8	50
2L35010	RL35 Ø 8 1/4	50
2L35011	RL35 Ø 8 3/8	50
2L35013	RL35 Ø 10 1/4	25
2L35014	RL35 Ø 10 3/8	25
2L35016	RL35 Ø 12 3/8	25
2L35017	RL35 Ø 12 1/2	25

**CENTRAL TEE, FEMALE, ROTARY, TECHNOPOLYMER (RL35/F)**



2L35F01	RL35/F Ø 4 M5	50
2L35F06	RL35/F Ø 6 M5	50
2L35F07	RL35/F Ø 6 1/8	50
2L35F08	RL35/F Ø 6 1/4	25
2L35F09	RL35/F Ø 8 1/8	50
2L35F10	RL35/F Ø 8 1/4	25
2L35F13	RL35/F Ø 10 1/4	25
2L35F14	RL35/F Ø 10 3/8	25
2L35F16	RL35/F Ø 12 3/8	25
2L35F17	RL35/F Ø 12 1/2	25

Code Description Quantity  
**ROTARY ELBOW, MALE, EXTENDED, TECHNOPOLYMER (RL36)**



2L36001	RL36 Ø 4 M5	50
2L36020	RL36 Ø 4 M7	50
2L36002	RL36 Ø 4 1/8	50
2L36006	RL36 Ø 6 M5	50
2L36021	RL36 Ø 6 M7	50
2L36007	RL36 Ø 6 1/8	50
2L36008	RL36 Ø 6 1/4	50
2L36009	RL36 Ø 8 1/8	50
2L36010	RL36 Ø 8 1/4	50
2L36012	RL36 Ø 10 1/4	25

**CENTRAL TEE, MALE, ROTARY, EXTENDED, TECHNOPOLYMER (RL37)**



2L37001	RL37 Ø 4 M5	50
2L37020	RL37 Ø 4 M7	50
2L37002	RL37 Ø 4 1/8	50
2L37006	RL37 Ø 6 M5	50
2L37007	RL37 Ø 6 1/8	50
2L37008	RL37 Ø 6 1/4	50
2L37009	RL37 Ø 8 1/8	50
2L37010	RL37 Ø 8 1/4	50
2L37012	RL37 Ø 10 1/4	50

**DUAL Y BRANCH TECHNOPOLYMER (RL42)**



2L42001	RL42 Ø 4X4 Ø 4X1	10
2L42002	RL42 Ø 4X4 Ø 6X1	10
2L42004	RL42 Ø 6X4 Ø 6X1	10
2L42005	RL42 Ø 6X4 Ø 8X1	10

**DUAL Y BRANCH TECHNOPOLYMER, THREADED INPUT (RL43)**



2L43001	RL43 Ø 4 M5	10
2L43002	RL43 Ø 4 1/8	10
2L43003	RL43 Ø 4 1/4	10
2L43008	RL43 Ø 6 1/8	10
2L43009	RL43 Ø 6 1/4	10

**MULTIPLE MANIFOLD, TECHNOPOLYMER (RL44)**



2L44001	RL44 Ø 6X2 Ø 4X3	10
2L44003	RL44 Ø 8X2 Ø 6X3	10

Code Description Quantity  
**MULTIPLE MANIFOLD, INPUT, THREADED, TECHNOPOLYMER (RL45)**



2L45001	RL45 Ø 6X1 Ø 4X3 G1/8	10
2L45002	RL45 Ø 6X1 Ø 4X3 G1/4	10
2L45007	RL45 Ø 8X1 Ø 6X3 G1/8	10
2L45008	RL45 Ø 8X1 Ø 6X3 G1/4	10
2L45009	RL45 Ø 8X1 Ø 6X3 G3/8	10

**PLUG-IN ELBOWS (RL46)**



2L46001	RL46 Ø 4 Ø 4	50
2L46002	RL46 Ø 6 Ø 6	50
2L46003	RL46 Ø 8 Ø 8	50
2L46004	RL46 Ø 10 Ø 10	25

**EXTENDED PLUG-IN ELBOWS (RL47)**



2L47001	RL47 Ø 4 Ø 4	50
2L47002	RL47 Ø 6 Ø 6	50
2L47003	RL47 Ø 8 Ø 8	50

**DOUBLE ELBOW (RL48)**



2L48001	RL48 Ø 4X1 Ø 4X2	10
2L48002	RL48 Ø 6X1 Ø 6X2	10
2L48003	RL48 Ø 8X1 Ø 8X2	10
2L48004	RL48 Ø 10 Ø 10	10

**DOUBLE LATERAL ELBOW (RL49)**



2L49001	RL49 Ø 4X1 Ø 4X2	10
2L49003	RL49 Ø 6X1 Ø 6X2	10
2L49004	RL49 Ø 8X1 Ø 8X2	10
2L49005	RL49 Ø 10X1 Ø 10X2	10
2L49006	RL49 Ø 12X1 Ø 12X2	10



## CARTRIDGES AND ACCESSORIES

**Code Description Quantity**  
**BRASS CARTRIDGE WITH THREAD (R26)**



2026A02	R26 Ø 3	50
2026A01	R26 Ø 3.17	50
2026001	R26 Ø 4	50
2026002	R26 Ø 5	50
2026003	R26 Ø 6	50
2026004	R26 Ø 8	50
2026005	R26 Ø 10	50
2026006	R26 Ø 12	50

**TOOL FOR SLOT (R26)**



2025010	UT.SE R26 Ø 3 Ø 3.17
2025011	UT.SE R26 Ø 4
2025012	UT.SE R26 Ø 5
2025013	UT.SE R26 Ø 6
2025014	UT.SE R26 Ø 8
2025015	UT.SE R26 Ø 10
2025016	UT.SE R26 Ø 12

**MALE FOR CARTRIDGE SLOT (R26)**



2025020	MA R26 Ø 3 Ø 3.17
2025021	MA R26 Ø 4
2025022	MA R26 Ø 5
2025023	MA R26 Ø 6
2025024	MA R26 Ø 8
2025025	MA R26 Ø 10
2025026	MA R26 Ø 12

**BRASS COMPRESSION CARTRIDGE (R27)**



2027001	R27 Ø 4	50
2027002	R27 Ø 5	50
2027003	R27 Ø 6	50
2027004	R27 Ø 8	50
2027005	R27 Ø 10	50
2027006	R27 Ø 12	50

**Code Description Quantity**  
**TOOL FOR SLOT R27**



**For aluminium**

2027021	UT.SE R27 Ø 4 AL.
2027022	UT.SE R27 Ø 5 AL.
2027023	UT.SE R27 Ø 6 AL.
2027024	UT.SE R27 Ø 8 AL.
2027025	UT.SE R27 Ø 10 AL.

**For technopolymer**

2027011	UT.SE R27 Ø 4 P.
2027012	UT.SE R27 Ø 5 P.
2027013	UT.SE R27 Ø 6 P.
2027014	UT.SE R27 Ø 8 P.
2027015	UT.SE R27 Ø 10 P.

**R17 - DISASSEMBLY KEY**




2L17001	RL17 da Ø 3 a Ø 10	50
2017001	R17	50


**R41 - CARTRIDGE KEY R26**





2041001	R41 Ø 4
2041002	R41 Ø 5
2041003	R41 Ø 6
2041004	R41 Ø 8
2041005	R41 Ø 10
2041006	R41 Ø 12


## PUSH-IN FITTINGS FOR USE IN THE FOOD INDUSTRY F-E SERIES


Code	Description	Quantity
<b>STRAIGHT, CYLINDRICAL, MALE R1 F-E</b>		
		
2F01001	R1 F-E Ø 4 M5	50
2F01002	R1 F-E Ø 4 1/8	50
2F01003	R1 F-E Ø 4 1/4	50
2F01000	R1 F-E Ø 6 M5	50
2F01007	R1 F-E Ø 6 1/8	50
2F01008	R1 F-E Ø 6 1/4	50
2F01009	R1 F-E Ø 8 1/8	50
2F01010	R1 F-E Ø 8 1/4	50
2F01011	R1 F-E Ø 8 3/8	50
2F01012	R1 F-E Ø 10 1/4	50
2F01013	R1 F-E Ø 10 3/8	50
2F01022	R1 F-E Ø 10 1/2	50


Code	Description	Quantity
<b>STRAIGHT, CONICAL, MALE R1C F-E</b>		
		
2F01C02	R1C F-E Ø 4 1/8	50
2F01C07	R1C F-E Ø 6 1/8	50
2F01C08	R1C F-E Ø 6 1/4	50
2F01C09	R1C F-E Ø 8 1/8	50
2F01C10	R1C F-E Ø 8 1/4	50
2F01C11	R1C F-E Ø 8 3/8	50
2F01C13	R1C F-E Ø 10 1/4	50
2F01C14	R1C F-E Ø 10 3/8	25


Code	Description	Quantity
<b>STRAIGHT, FEMALE R2 F-E</b>		
		
2F02001	R2 F-E Ø 4 1/8	50
2F02005	R2 F-E Ø 6 1/8	50
2F02006	R2 F-E Ø 6 1/4	50
2F02007	R2 F-E Ø 8 1/8	50
2F02008	R2 F-E Ø 8 1/4	50
2F02011	R2 F-E Ø 10 1/4	50


Code	Description	Quantity
<b>STRAIGHT, INTERMEDIATE R3 F-E</b>		
		
2F03001	R3 F-E Ø 4	50
2F03003	R3 F-E Ø 6	50
2F03004	R3 F-E Ø 8	50
2F03005	R3 F-E Ø 10	50


Code	Description	Quantity
<b>ELBOW, INTERMEDIATE R4 F-E</b>		
		
2F04001	R4 F-E Ø 4	50
2F04003	R4 F-E Ø 6	50
2F04004	R4 F-E Ø 8	50
2F04005	R4 F-E Ø 10	50


Code	Description	Quantity
<b>TEE, INTERMEDIATE R5 F-E</b>		
		
2F05001	R5 F-E Ø 4	50
2F05003	R5 F-E Ø 6	50
2F05004	R5 F-E Ø 8	50
2F05005	R5 F-E Ø 10	20


Code	Description	Quantity
<b>THREADED ADAPTOR R6 F-E</b>		
		
2F06001	R6 F-E Ø 4 M5	50
2F06002	R6 F-E Ø 4 1/8	50
2F06003	R6 F-E Ø 4 1/4	50
2F06000	R6 F-E Ø 6 M5	50
2F06007	R6 F-E Ø 6 1/8	50
2F06008	R6 F-E Ø 6 1/4	50
2F06009	R6 F-E Ø 8 1/8	50
2F06010	R6 F-E Ø 8 1/4	50
2F06011	R6 F-E Ø 8 3/8	50
2F06012	R6 F-E Ø 10 1/4	50
2F06013	R6 F-E Ø 10 3/8	50


Code	Description	Quantity
<b>STRAIGHT, INTERMEDIATE, BULKHEAD UNIONS R10 F-E</b>		
		
2F11001	R10 F-E Ø 4	50
2F11003	R10 F-E Ø 6	50
2F11004	R10 F-E Ø 8	50
2F11005	R10 F-E Ø 10	25

Code	Description	Quantity
<b>ROTARY ELBOW, MALE, CYLINDRICAL R31 F-E</b>		
		
2F31001	R31 F-E Ø 4 M5	50
2F31002	R31 F-E Ø 4 1/8	50
2F31003	R31 F-E Ø 4 1/4	50
2F31007	R31 F-E Ø 6 M5	50
2F31008	R31 F-E Ø 6 1/8	50
2F31009	R31 F-E Ø 6 1/4	50
2F31010	R31 F-E Ø 8 1/8	50
2F31011	R31 F-E Ø 8 1/4	50
2F31012	R31 F-E Ø 8 3/8	50
2F31013	R31 F-E Ø 10 1/4	50
2F31014	R31 F-E Ø 10 3/8	25
2F31015	R31 F-E Ø 10 1/2	25

Code	Description	Quantity
<b>ROTARY ELBOW, MALE, CONICAL R31C F-E</b>		
		
2F31C02	R31C F-E Ø 4 1/8	50
2F31C03	R31C F-E Ø 4 1/4	50
2F31C08	R31C F-E Ø 6 1/8	50
2F31C09	R31C F-E Ø 6 1/4	50
2F31C10	R31C F-E Ø 8 1/8	50
2F31C11	R31C F-E Ø 8 1/4	50
2F31C12	R31C F-E Ø 8 3/8	50
2F31C13	R31C F-E Ø 10 1/4	25
2F31C14	R31C F-E Ø 10 3/8	25


Code	Description	Quantity
<b>CENTRAL TEE, MALE, CYLINDRICAL, ROTARY R32 F-E</b>		
		
2F32002	R32 F-E Ø 4 1/8	50
2F32008	R32 F-E Ø 6 1/8	50
2F32009	R32 F-E Ø 6 1/4	50
2F32010	R32 F-E Ø 8 1/8	50
2F32011	R32 F-E Ø 8 1/4	50
2F32012	R32 F-E Ø 8 3/8	50
2F32013	R32 F-E Ø 10 1/4	25
2F32014	R32 F-E Ø 10 3/8	25


Code	Description	Quantity
<b>LATERAL TEE, MALE, CYLINDRICAL, ROTARY R38 F-E</b>		
		
2F38002	R38 F-E Ø 4 1/8	50
2F38008	R38 F-E Ø 6 1/8	50
2F38009	R38 F-E Ø 6 1/4	50
2F38010	R38 F-E Ø 8 1/8	50
2F38011	R38 F-E Ø 8 1/4	50
2F38013	R38 F-E Ø 10 1/4	25
2F38014	R38 F-E Ø 10 3/8	25


Code	Description	Quantity
<b>ELBOW, MALE, CONICAL R39C F-E</b>		
		
2F39C02	R39C F-E Ø 4 1/8	50
2F39C08	R39C F-E Ø 6 1/8	50
2F39C09	R39C F-E Ø 6 1/4	50
2F39C10	R39C F-E Ø 8 1/8	50
2F39C11	R39C F-E Ø 8 1/4	50
2F39C12	R39C F-E Ø 8 3/8	50
2F39C13	R39C F-E Ø 10 1/4	25




## PUSH-IN FITTINGS FOR USE IN THE FOOD INDUSTRY F-NSF SERIES


Code	Description	Quantity
<b>STRAIGHT, CYLINDRICAL, MALE R1 F-NSF</b>		
		
2F01051	R1 F-NSF Ø 4 M5	50
2F01052	R1 F-NSF Ø 4 1/8	50
2F01053	R1 F-NSF Ø 4 1/4	50
2F01050	R1 F-NSF Ø 6 M5	50
2F01057	R1 F-NSF Ø 6 1/8	50
2F01058	R1 F-NSF Ø 6 1/4	50
2F01059	R1 F-NSF Ø 8 1/8	50
2F01060	R1 F-NSF Ø 8 1/4	50
2F01061	R1 F-NSF Ø 8 3/8	50
2F01062	R1 F-NSF Ø 10 1/4	50
2F01063	R1 F-NSF Ø 10 3/8	50
2F01072	R1 F-NSF Ø 10 1/2	50


Code	Description	Quantity
<b>STRAIGHT, CONICAL, MALE R1C F-NSF</b>		
		
2F01C52	R1C F-NSF Ø 4 1/8	50
2F01C57	R1C F-NSF Ø 6 1/8	50
2F01C58	R1C F-NSF Ø 6 1/4	50
2F01C59	R1C F-NSF Ø 8 1/8	50
2F01C60	R1C F-NSF Ø 8 1/4	50
2F01C61	R1C F-NSF Ø 8 3/8	50
2F01C63	R1C F-NSF Ø 10 1/4	50
2F01C64	R1C F-NSF Ø 10 3/8	25


Code	Description	Quantity
<b>STRAIGHT, FEMALE R2 F-NSF</b>		
		
2F02051	R2 F-NSF Ø 4 1/8	50
2F02055	R2 F-NSF Ø 6 1/8	50
2F02056	R2 F-NSF Ø 6 1/4	50
2F02057	R2 F-NSF Ø 8 1/8	50
2F02058	R2 F-NSF Ø 8 1/4	50
2F02061	R2 F-NSF Ø 10 1/4	50


Code	Description	Quantity
<b>STRAIGHT, INTERMEDIATE R3 F-NSF</b>		
		
2F03051	R3 F-NSF Ø 4	50
2F03053	R3 F-NSF Ø 6	50
2F03054	R3 F-NSF Ø 8	50
2F03055	R3 F-NSF Ø 10	50


Code	Description	Quantity
<b>ELBOW, INTERMEDIATE R4 F-NSF</b>		
		
2F04051	R4 F-NSF Ø 4	50
2F04053	R4 F-NSF Ø 6	50
2F04054	R4 F-NSF Ø 8	50
2F04055	R4 F-NSF Ø 10	50


Code	Description	Quantity
<b>TEE, INTERMEDIATE R5 F-NSF</b>		
		
2F05051	R5 F-NSF Ø 4	50
2F05053	R5 F-NSF Ø 6	50
2F05054	R5 F-NSF Ø 8	50
2F05055	R5 F-NSF Ø 10	20


Code	Description	Quantity
<b>THREADED ADAPTOR R6 F-NSF</b>		
		
2F06051	R6 F-NSF Ø 4 M5	50
2F06052	R6 F-NSF Ø 4 1/8	50
2F06053	R6 F-NSF Ø 4 1/4	50
2F06050	R6 F-NSF Ø 6 M5	50
2F06057	R6 F-NSF Ø 6 1/8	50
2F06058	R6 F-NSF Ø 6 1/4	50
2F06059	R6 F-NSF Ø 8 1/8	50
2F06060	R6 F-NSF Ø 8 1/4	50
2F06061	R6 F-NSF Ø 8 3/8	50
2F06062	R6 F-NSF Ø 10 1/4	50
2F06063	R6 F-NSF Ø 10 3/8	50


Code	Description	Quantity
<b>STRAIGHT, INTERMEDIATE, BULKHEAD UNIONS R10 F-NSF</b>		
		
2F11051	R10 F-NSF Ø 4	50
2F11053	R10 F-NSF Ø 6	50
2F11054	R10 F-NSF Ø 8	50
2F11055	R10 F-NSF Ø 10	25

Code	Description	Quantity
<b>ROTARY ELBOW, MALE, CYLINDRICAL R31 F-NSF</b>		
		
2F31051	R31 F-NSF Ø 4 M5	50
2F31052	R31 F-NSF Ø 4 1/8	50
2F31053	R31 F-NSF Ø 4 1/4	50
2F31057	R31 F-NSF Ø 6 M5	50
2F31058	R31 F-NSF Ø 6 1/8	50
2F31059	R31 F-NSF Ø 6 1/4	50
2F31060	R31 F-NSF Ø 8 1/8	50
2F31061	R31 F-NSF Ø 8 1/4	50
2F31062	R31 F-NSF Ø 8 3/8	50
2F31063	R31 F-NSF Ø 10 1/4	50
2F31064	R31 F-NSF Ø 10 3/8	25
2F31065	R31 F-NSF Ø 10 1/2	25


Code	Description	Quantity
<b>ROTARY ELBOW, MALE, CONICAL R31C F-NSF</b>		
		
2F31C52	R31C F-NSF Ø 4 1/8	50
2F31C53	R31C F-NSF Ø 4 1/4	50
2F31C58	R31C F-NSF Ø 6 1/8	50
2F31C59	R31C F-NSF Ø 6 1/4	50
2F31C60	R31C F-NSF Ø 8 1/8	50
2F31C61	R31C F-NSF Ø 8 1/4	50
2F31C62	R31C F-NSF Ø 8 3/8	50
2F31C63	R31C F-NSF Ø 10 1/4	25
2F31C64	R31C F-NSF Ø 10 3/8	25

Code	Description	Quantity
<b>CENTRAL TEE, MALE, CYLINDRICAL, ROTARY R32 F-NSF</b>		
		
2F32052	R32 F-NSF Ø 4 1/8	50
2F32058	R32 F-NSF Ø 6 1/8	50
2F32059	R32 F-NSF Ø 6 1/4	50
2F32060	R32 F-NSF Ø 8 1/8	50
2F32061	R32 F-NSF Ø 8 1/4	50
2F32062	R32 F-NSF Ø 8 3/8	50
2F32063	R32 F-NSF Ø 10 1/4	25
2F32064	R32 F-NSF Ø 10 3/8	25


Code	Description	Quantity
<b>LATERAL TEE, MALE, CYLINDRICAL, ROTARY R38 F-NSF</b>		
		
2F38052	R38 F-NSF Ø 4 1/8	50
2F38058	R38 F-NSF Ø 6 1/8	50
2F38059	R38 F-NSF Ø 6 1/4	50
2F38060	R38 F-NSF Ø 8 1/8	50
2F38061	R38 F-NSF Ø 8 1/4	50
2F38063	R38 F-NSF Ø 10 1/4	25
2F38064	R38 F-NSF Ø 10 3/8	25

Code	Description	Quantity
<b>ELBOW, MALE, CONICAL R39C F-NSF</b>		
		
2F39C52	R39C F-NSF Ø 4 1/8	50
2F39C58	R39C F-NSF Ø 6 1/8	50
2F39C59	R39C F-NSF Ø 6 1/4	50
2F39C60	R39C F-NSF Ø 8 1/8	50
2F39C61	R39C F-NSF Ø 8 1/4	50
2F39C62	R39C F-NSF Ø 8 3/8	50
2F39C63	R39C F-NSF Ø 10 1/4	25


## PUSH-IN FITTINGS, STAINLESS STEEL

Code	Description	Quantity
<b>STRAIGHT, CYLINDRICAL, MALE (XR1)</b>		
		
2L01001X	XR1 Ø4 - M5 - AISI 316L	10
2L01002X	XR1 Ø4 - 1/8" - AISI 316L	10
2L01000X	XR1 Ø6 - M5 - AISI 316L	10
2L01007X	XR1 Ø6 - 1/8" - AISI 316L	10
2L01008X	XR1 Ø6 - 1/4" - AISI 316L	10
2L01009X	XR1 Ø8 - 1/8" - AISI 316L	10
2L01010X	XR1 Ø8 - 1/4" - AISI 316L	10
2L01012X	XR1 Ø10 - 1/4" - AISI 316L	10
2L01013X	XR1 Ø10 - 3/8" - AISI 316L	10
2001014X	XR1 Ø12 - 3/8" - AISI 316L	5
2001015X	XR1 Ø12 - 1/2" - AISI 316L	5

### STRAIGHT, CONICAL, MALE (XR1C)


Code	Description	Quantity
		
2L01C02X	XR1/C Ø4 - 1/8" - AISI 316L	10
2L01C03X	XR1/C Ø4 - 1/4" - AISI 316L	10
2L01C07X	XR1/C Ø6 - 1/8" - AISI 316L	10
2L01C08X	XR1/C Ø6 - 1/4" - AISI 316L	10
2L01C09X	XR1/C Ø8 - 1/8" - AISI 316L	10
2L01C10X	XR1/C Ø8 - 1/4" - AISI 316L	10
2L01C13X	XR1/C Ø10 - 1/4" - AISI 316L	10
2L01C14X	XR1/C Ø10 - 3/8" - AISI 316L	10
2001C15X	XR1/C Ø12 - 3/8" - AISI 316L	5
2001C16X	XR1/C Ø12 - 1/2" - AISI 316L	5

### STRAIGHT, INTERMEDIATE (XR3)


Code	Description	Quantity
		
2L03001X	XR3 Ø4 - Ø4 - AISI 316L	10
2L03301X	XR3 Ø6 - Ø4 - AISI 316L	10
2L03003X	XR3 Ø6 - Ø6 - AISI 316L	10
2L03303X	XR3 Ø8 - Ø6 - AISI 316L	10
2L03004X	XR3 Ø8 - Ø8 - AISI 316L	10
2L03005X	XR3 Ø10 - Ø10 - AISI 316L	10
2003006X	XR3 Ø12 - Ø12 - AISI 316L	5

### ELBOW, INTERMEDIATE (XR4)

Code	Description	Quantity
		
2L04001X	XR4 Ø4 - Ø4 - AISI 316L	10
2L04003X	XR4 Ø6 - Ø6 - AISI 316L	10
2L04004X	XR4 Ø8 - Ø8 - AISI 316L	10
2L04005X	XR4 Ø10 - Ø10 - AISI 316L	10
2L04006X	XR4 Ø12 - Ø12 - AISI 316L	5

Code	Description	Quantity
<b>TEE, INTERMEDIATE (XR5)</b>		
		
2L05001X	XR5 Ø4 - Ø4 - AISI 316L	10
2L05003X	XR5 Ø6 - Ø6 - AISI 316L	10
2L05004X	XR5 Ø8 - Ø8 - AISI 316L	10
2L05005X	XR5 Ø10 - Ø10 - AISI 316L	10
2L05006X	XR5 Ø12 - Ø12 - AISI 316L	5

### REDUCER (XR8)

Code	Description	Quantity
		
2L08002X	XR8 Ø4 - Ø6 - AISI 316L	10
2L08006X	XR8 Ø6 - Ø8 - AISI 316L	10
2L08008X	XR8 Ø8 - Ø10 - AISI 316L	10


### STRAIGHT, INTERMEDIATE, BULKMTAD (XR10)


Code	Description	Quantity
		
2L11001X	XR10 Ø4 - Ø4 - AISI 316L	10
2L11003X	XR10 Ø6 - Ø6 - AISI 316L	10
2L11004X	XR10 Ø8 - Ø8 - AISI 316L	10
2L11005X	XR10 Ø10 - Ø10 - AISI 316L	10
2L11006X	XR10 Ø12 - Ø12 - AISI 316L	5

### SINGLE RING (XR13)


Code	Description	Quantity
		
2012002X	XR13 Ø4 - 1/8" - AISI 316L	10
2012005X	XR13 Ø6 - 1/8" - AISI 316L	10
2012006X	XR13 Ø6 - 1/4" - AISI 316L	10
2012007X	XR13 Ø8 - 1/8" - AISI 316L	10
2012008X	XR13 Ø8 - 1/4" - AISI 316L	10
2012010X	XR13 Ø10 - 1/4" - AISI 316L	10
2012011X	XR13 Ø10 - 3/8" - AISI 316L	10
2012012X	XR13 Ø12 - 3/8" - AISI 316L	10
2012014X	XR13 Ø12 - 1/2" - AISI 316L	10

### ROTARY ELBOW, MALE, CYLINDRICAL (XR31)


Code	Description	Quantity
		
2L31001X	XR31 Ø4 - M5 - AISI 316L	10
2L31002X	XR31 Ø4 - 1/8" - AISI 316L	10
2L31007X	XR31 Ø6 - M5 - AISI 316L	10
2L31008X	XR31 Ø6 - 1/8" - AISI 316L	10
2L31009X	XR31 Ø6 - 1/4" - AISI 316L	10
2L31010X	XR31 Ø8 - 1/8" - AISI 316L	10
2L31011X	XR31 Ø8 - 1/4" - AISI 316L	10
2L31013X	XR31 Ø10 - 1/4" - AISI 316L	10
2L31014X	XR31 Ø10 - 3/8" - AISI 316L	10
2031017X	XR31 Ø12 - 3/8" - AISI 316L	5
2031018X	XR31 Ø12 - 1/2" - AISI 316L	5

Code	Description	Quantity
<b>ROTARY ELBOW, MALE, CONICAL (XR31C)</b>		
		
2L31C02X	XR31/C Ø4 - 1/8" - AISI 316L	10
2L31C08X	XR31/C Ø6 - 1/8" - AISI 316L	10
2L31C09X	XR31/C Ø6 - 1/4" - AISI 316L	10
2L31C10X	XR31/C Ø8 - 1/8" - AISI 316L	10
2L31C11X	XR31/C Ø8 - 1/4" - AISI 316L	10
2L31C13X	XR31/C Ø10 - 1/4" - AISI 316L	10
2L31C14X	XR31/C Ø10 - 3/8" - AISI 316L	10
2031C15X	XR31/C Ø12 - 3/8" - AISI 316L	5
2031C16X	XR31/C Ø12 - 1/2" - AISI 316L	5

### CENTRAL TEE, MALE, CYLINDRICAL, ROTARY (XR32)

Code	Description	Quantity
		
2L32001X	XR32 Ø4 - M5 - AISI 316L	10
2L32002X	XR32 Ø4 - 1/8" - AISI 316L	10
2L32008X	XR32 Ø6 - 1/8" - AISI 316L	10
2L32009X	XR32 Ø6 - 1/4" - AISI 316L	10
2L32010X	XR32 Ø8 - 1/8" - AISI 316L	10
2L32011X	XR32 Ø8 - 1/4" - AISI 316L	10
2L32013X	XR32 Ø10 - 1/4" - AISI 316L	10
2L32014X	XR32 Ø10 - 3/8" - AISI 316L	10

### CENTRAL TEE, MALE, CONICAL, ROTARY (XR32C)

Code	Description	Quantity	Price
			
2L32C02X	XR32/C Ø4 - 1/8" - AISI 316L	10	25,06
2L32C08X	XR32/C Ø6 - 1/8" - AISI 316L	10	22,56
2L32C09X	XR32/C Ø6 - 1/4" - AISI 316L	10	23,04
2L32C10X	XR32/C Ø8 - 1/8" - AISI 316L	10	25,97
2L32C11X	XR32/C Ø8 - 1/4" - AISI 316L	10	27,90
2L32C13X	XR32/C Ø10 - 1/4" - AISI 316L	10	33,60
2L32C14X	XR32/C Ø10 - 3/8" - AISI 316L	10	35,96

### ELBOW, MALE, CONICAL (XR39C)

Code	Description	Quantity
		
2L39C02X	XR39/C Ø4 - 1/8" - AISI 316L	10
2L39C08X	XR39/C Ø6 - 1/8" - AISI 316L	10
2L39C09X	XR39/C Ø6 - 1/4" - AISI 316L	10
2L39C10X	XR39/C Ø8 - 1/8" - AISI 316L	10
2L39C11X	XR39/C Ø8 - 1/4" - AISI 316L	10
2L39C13X	XR39/C Ø10 - 1/4" - AISI 316L	10

## PUSH-IN FITTINGS FOR USE IN THE FOOD INDUSTRY F-E PLUS SERIES

**Code Description Quantity**  
STRAIGHT, CYLINDRICAL, MALE R1 F-E PLUS



2FP0101	R1 F-E PLUS Ø4 - M5	50
2FP0102	R1 F-E PLUS Ø4 - 1/8	50
2FP0103	R1 F-E PLUS Ø4 - 1/4	50
2FP0100	R1 F-E PLUS Ø6 - M5	50
2FP0107	R1 F-E PLUS Ø6 - 1/8	50
2FP0108	R1 F-E PLUS Ø6 - 1/4	50
2FP0109	R1 F-E PLUS Ø6 - 1/8	50
2FP0110	R1 F-E PLUS Ø8 - 1/4	50
2FP0111	R1 F-E PLUS Ø8 - 3/8	50
2FP0112	R1 F-E PLUS Ø10 - 1/4	50
2FP0113	R1 F-E PLUS Ø10 - 3/8	50
2FP0122	R1 F-E PLUS Ø10 - 1/2	25

STRAIGHT, CONICAL, MALE R1C F-E PLUS



2FP1C02	R1C F-E PLUS Ø4 - 1/8	50
2FP1C07	R1C F-E PLUS Ø6 - 1/8	50
2FP1C08	R1C F-E PLUS Ø6 - 1/4	50
2FP1C09	R1C F-E PLUS Ø8 - 1/8	50
2FP1C10	R1C F-E PLUS Ø8 - 1/4	50
2FP1C11	R1C F-E PLUS Ø8 - 3/8	50
2FP1C13	R1C F-E PLUS Ø10 - 1/4	50
2FP1C14	R1C F-E PLUS Ø10 - 3/8	50

STRAIGHT, FEMALE R2 F-E PLUS



2FP0201	R2 F-E PLUS Ø4 - 1/8	50
2FP0205	R2 F-E PLUS Ø6 - 1/8	50
2FP0206	R2 F-E PLUS Ø6 - 1/4	50
2FP0207	R2 F-E PLUS Ø8 - 1/8	50
2FP0208	R2 F-E PLUS Ø8 - 1/4	50
2FP0211	R2 F-E PLUS Ø10 - 1/4	50

STRAIGHT, INTERMEDIATE R3 F-E PLUS



2FP0301	R3 F-E PLUS Ø4	50
2FP0303	R3 F-E PLUS Ø6	50
2FP0304	R3 F-E PLUS Ø8	50
2FP0305	R3 F-E PLUS Ø10	50

ELBOW, INTERMEDIATE R4 F-E PLUS



2FP0401	R4 F-E PLUS Ø4	50
2FP0403	R4 F-E PLUS Ø6	50
2FP0404	R4 F-E PLUS Ø8	50
2FP0405	R4 F-E PLUS Ø10	50

**Code Description Quantity**  
TEE, INTERMEDIATE R5 F-E PLUS



2FP0501	R5 F-E PLUS Ø4	50
2FP0503	R5 F-E PLUS Ø6	50
2FP0504	R5 F-E PLUS Ø8	50
2FP0505	R5 F-E PLUS Ø10	20

THREADED ADAPTOR R6 F-E



2F06001	R6 F-E Ø4 M5	50
2F06002	R6 F-E Ø4 1/8	50
2F06003	R6 F-E Ø4 1/4	50
2F06000	R6 F-E Ø6 M5	50
2F06007	R6 F-E Ø6 1/8	50
2F06008	R6 F-E Ø6 1/4	50
2F06009	R6 F-E Ø8 1/8	50
2F06010	R6 F-E Ø8 1/4	50
2F06011	R6 F-E Ø8 3/8	50
2F06012	R6 F-E Ø10 1/4	50
2F06013	R6 F-E Ø10 3/8	50

STRAIGHT, INTERMEDIATE, BULKHEAD UNIONS R10 F-E PLUS



2FP1101	R10 F-E PLUS Ø4	50
2FP1103	R10 F-E PLUS Ø6	50
2FP1104	R10 F-E PLUS Ø8	50
2FP1105	R10 F-E PLUS Ø10	25

ROTARY ELBOW, MALE, CYLINDRICAL R31 F-E PLUS



2FP3101	R31 F-E PLUS Ø4 - M5	50
2FP3102	R31 F-E PLUS Ø4 - 1/8	50
2FP3103	R31 F-E PLUS Ø4 - 1/4	50
2FP3107	R31 F-E PLUS Ø6 - M5	50
2FP3108	R31 F-E PLUS Ø6 - 1/8	50
2FP3109	R31 F-E PLUS Ø6 - 1/4	50
2FP3110	R31 F-E PLUS Ø8 - 1/8	50
2FP3111	R31 F-E PLUS Ø8 - 1/4	50
2FP3112	R31 F-E PLUS Ø8 - 3/8	50
2FP3113	R31 F-E PLUS Ø10 - 1/4	50
2FP3114	R31 F-E PLUS Ø10 - 3/8	25
2FP3115	R31 F-E PLUS Ø10 - 1/2	25

**Code Description Quantity**  
ROTARY ELBOW, MALE, CONICAL R31C F-E PLUS



2FP2C02	R31C F-E PLUS Ø4 - 1/8	50
2FP2C03	R31C F-E PLUS Ø4 - 1/4	50
2FP2C08	R31C F-E PLUS Ø6 - 1/8	50
2FP2C09	R31C F-E PLUS Ø6 - 1/4	50
2FP2C10	R31C F-E PLUS Ø8 - 1/8	50
2FP2C11	R31C F-E PLUS Ø8 - 1/4	50
2FP2C12	R31C F-E PLUS Ø8 - 3/8	50
2FP2C13	R31C F-E PLUS Ø10 - 1/4	25
2FP2C14	R31C F-E PLUS Ø10 - 3/8	25

CENTRAL TEE, MALE, CYLINDRICAL, ROTARY R32 F-E PLUS



2FP3202	R32 F-E PLUS Ø4 - 1/8	50
2FP3208	R32 F-E PLUS Ø6 - 1/8	50
2FP3209	R32 F-E PLUS Ø6 - 1/4	50
2FP3210	R32 F-E PLUS Ø8 - 1/8	50
2FP3211	R32 F-E PLUS Ø8 - 1/4	50
2FP3212	R32 F-E PLUS Ø8 - 3/8	50
2FP3213	R32 F-E PLUS Ø10 - 1/4	25
2FP3214	R32 F-E PLUS Ø10 - 3/8	25

LATERAL TEE, MALE, CYLINDRICAL, ROTARY R38 F-E PLUS



2FP3802	R38 F-E PLUS Ø4 - 1/8	50
2FP3808	R38 F-E PLUS Ø6 - 1/8	50
2FP3809	R38 F-E PLUS Ø6 - 1/4	50
2FP3810	R38 F-E PLUS Ø8 - 1/8	50
2FP3811	R38 F-E PLUS Ø8 - 1/4	50
2FP3813	R38 F-E PLUS Ø10 - 1/4	25
2FP3814	R38 F-E PLUS Ø10 - 3/8	25

ELBOW, MALE, CONICAL R39C F-E PLUS



2FP4C02	R39C F-E PLUS Ø4 - 1/8	50
2FP4C08	R39C F-E PLUS Ø6 - 1/8	50
2FP4C09	R39C F-E PLUS Ø6 - 1/4	50
2FP4C10	R39C F-E PLUS Ø8 - 1/8	50
2FP4C11	R39C F-E PLUS Ø8 - 1/4	50
2FP4C12	R39C F-E PLUS Ø8 - 3/8	50
2FP4C13	R39C F-E PLUS Ø10 - 1/4	25

**PUSH-IN FITTINGS FOR USE IN THE FOOD INDUSTRY F-NSF PLUS SERIES**

Code	Description	Quantity	Code	Description	Quantity	Code	Description	Quantity
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**STRAIGHT, CYLINDRICAL, MALE R1 F-NSF PLUS**



2FP0152	R1 F-NSF PLUS Ø4 1/8	50
2FP0153	R1 F-NSF PLUS Ø4 1/4	50
2FP0157	R1 F-NSF PLUS Ø6 1/8	50
2FP0158	R1 F-NSF PLUS Ø6 1/4	50

**ROTARY ELBOW, MALE, CYLINDRICAL R31 F-NSF PLUS**



2FP3152	R31 F-NSF PLUS Ø4 1/8	50
2FP3153	R31 F-NSF PLUS Ø4 1/4	50
2FP3158	R31 F-NSF PLUS Ø6 1/8	50
2FP3159	R31 F-NSF PLUS Ø6 1/4	50

**CENTRAL TEE, MALE, CYLINDRICAL, ROTARY R32 F-NSF PLUS**



2FP3252	R32 F-NSF PLUS Ø4 1/8	50
2FP3253	R32 F-NSF PLUS Ø4 1/4	50
2FP3260	R32 F-NSF PLUS Ø6 1/8	50
2FP3261	R32 F-NSF PLUS Ø6 1/4	50

**LATERAL TEE, MALE, CYLINDRICAL, ROTARY R38 F-NSF PLUS**



2FP3852	R38 F-NSF PLUS Ø4 1/8	50
2FP3853	R38 F-NSF PLUS Ø4 1/4	50
2FP3858	R38 F-NSF PLUS Ø6 1/8	50
2FP3859	R38 F-NSF PLUS Ø6 1/4	50

## FITTING A, B, C, and D SERIES

### BRASS STANDARD FITTING SERIES A

Code Description Quantity

**NIPPLE, PARALLEL (A1)**



2101A00	A1 M5-M5	100
2101000	A1 M5-1/8	100
2101001	A1 1/8-1/8	100
2101002	A1 1/8-1/4	100
2101003	A1 1/8-3/8	50
2101004	A1 1/4-1/4	100
2101005	A1 1/4-3/8	50
2101006	A1 1/4-1/2	50
2101007	A1 3/8-3/8	50
2101008	A1 3/8-1/2	50
2101009	A1 1/2-1/2	50
2101010	A1 1/2-3/4	20
2101011	A1 3/4-3/4	25

**NIPPLE, CONICAL (A2)**



2102001	A2 1/8-1/8	100
2102002	A2 1/8-1/4	100
2102003	A2 1/8-3/8	50
2102004	A2 1/4-1/4	100
2102005	A2 1/4-3/8	50
2102006	A2 1/4-1/2	25
2102007	A2 3/8-3/8	50
2102008	A2 3/8-1/2	50
2102009	A2 1/2-1/2	50
2102010	A2 1/2-3/4	25
2102011	A2 3/4-3/4	25

**SLEEVE (A3)**



2103000	A3 M5	100
2103001	A3 1/8	100
2103002	A3 1/4	50
2103003	A3 3/8	25
2103004	A3 1/2	20

**REDUCER, CONICAL (A4)**



2104001	A4 1/4-1/8	100
2104002	A4 3/8-1/8	100
2104003	A4 3/8-1/4	100
2104004	A4 1/2-1/4	50
2104005	A4 1/2-3/8	50
2104006	A4 3/4-1/2	50

Code Description Quantity

**REDUCER, PARALLEL (A4/Z)**



2151000	A4/Z M5-1/8	100
2151001	A4/Z 1/4-1/8	100
2151002	A4/Z 3/8-1/8	100
2151003	A4/Z 3/8-1/4	100
2151004	A4/Z 1/2-1/4	50
2151005	A4/Z 1/2-3/8	50

**REDUCER, CONICAL (A5)**



2105001	A5 1/8-1/8	100
2105002	A5 1/8-1/4	100
2105003	A5 1/4-1/4	50
2105004	A5 1/4-3/8	25
2105005	A5 3/8-3/8	25
2105006	A5 3/8-1/2	50
2105007	A5 1/2-1/2	25

**REDUCER, PARALLEL (A5/Z)**



2152001	A5/Z M5-1/8	100
2152002	A5/Z 1/8-1/8	100
2152003	A5/Z 1/8-1/4	100
2152004	A5/Z 1/4-1/4	100
2152005	A5/Z 1/4-3/8	50
2152006	A5/Z 3/8-3/8	25
2152007	A5/Z 3/8-1/2	50
2152008	A5/Z 1/2-1/2	50

**REDUCER (A6)**



2106001	A6 1/8-1/4	50
2106002	A6 1/8-3/8	50
2106003	A6 1/4-3/8	25
2106004	A6 1/4-1/2	50
2106005	A6 3/8-1/2	50

**PLUG WITH HEXAGON EMBEDDED (A7)**



2107M00	A7 M5 miniaturized	100
2107000	A7 M5	100
2107005	A7 M7	100
2107M01	A7 1/8 miniaturized	100
2107001	A7 1/8	100
2107M02	A7 1/4 miniaturized	100
2107002	A7 1/4	100
2107M03	A7 3/8 miniaturized	50
2107003	A7 3/8	50
2107M04	A7 1/2 miniaturized	50
2107004	A7 1/2	50

Code Description Quantity

**NUT (A8)**



2108001	A8 1/8	100
2108002	A8 1/4	100
2108003	A8 3/8	50
2108004	A8 1/2	50

**ELBOW, FEMALE (A9)**



2109001	A9 1/8-1/8	50
2109002	A9 1/4-1/4	50
2109003	A9 3/8-3/8	20
2109004	A9 1/2-1/2	20

**ELBOW, MALE-FEMALE (A10)**



2110001	A10 1/8-1/8	100
2110002	A10 1/4-1/4	50
2110003	A10 3/8-3/8	25
2110004	A10 1/2-1/2	25

**TEE, FEMALE (A11)**





2111001	A11 1/8	50
2111002	A11 1/4	20
2111003	A11 3/8	20
2111004	A11 1/2	10


**TEE, CENTRAL MALE (A12)**





2112001	A12 1/8-1/8	100
2112002	A12 1/4-1/4	20
2112003	A12 3/8-3/8	25
2112004	A12 1/2-1/2	10


Code	Description	Quantity
<b>TEE, LATERAL MALE (A13)</b>		
		
2113001	A13 1/8-1/8	100
2113002	A13 1/4-1/4	20
2113003	A13 3/8-3/8	25
2113004	A13 1/2-1/2	10


Code	Description	Quantity
<b>TEE, LATERAL FEMALE (A18)</b>		
		
2118000	A18 1/8	100
2118001	A18 1/4	50
2118002	A18 3/8	25
2118003	A18 1/2	10

Code	Description	Quantity
<b>Y, FEMALE 90° (A23)</b>		
		
2123001	A23 1/8	50
2123002	A23 1/4	50
2123003	A23 3/8	25
2123004	A23 1/2	20

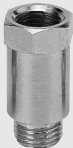
Code	Description	Quantity
<b>EQUAL FEMALE CROSS (A14)</b>		
		
2114001	A14 1/8	50
2114002	A14 1/4	25
2114003	A14 3/8	10


Code	Description	Quantity
<b>EXTENSION (A19)</b>		
		
2119001	A19 Ø 7 1/8	100
2119002	A19 Ø 7 1/4	100
2119003	A19 Ø 8 1/8	100
2119004	A19 Ø 9 1/8	50
2119005	A19 Ø 9 1/4	50
2119006	A19 Ø 9 3/8	100
2119007	A19 Ø 12 1/4	50
2119008	A19 Ø 12 3/8	50
2119009	A19 Ø 12 1/2	50
2119010	A19 Ø 17 3/8	25
2119011	A19 Ø 17 1/2	50


Code	Description	Quantity
<b>Y, MALE 90° (A24)</b>		
		
2124001	A24 1/8	50
2124002	A24 1/4	50
2124003	A24 3/8	25
2124004	A24 1/2	10


Code	Description	Quantity
<b>ELBOW, MALE (A15)</b>		
		
2115001	A15 1/8	100
2115002	A15 1/4	100
2115003	A15 3/8	25
2115004	A15 1/2	25

Code	Description	Quantity
<b>MALE-FEMALE EQUAL CROSS (A20)</b>		
		

Code	Description	Quantity
<b>EXTENSION (A25)</b>		
		
2150003	A25 1/8 L=22	50
2150004	A25 1/8 L=42	50
2150005	A25 1/8 L=51	50
2150006	A25 1/4 L=35	50
2150007	A25 1/4 L=51	50



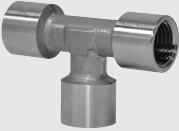
Code	Description	Quantity
<b>TEE, MALE (A16)</b>		
		
2116001	A16 1/8	100
2116002	A16 1/4	50
2116003	A16 3/8	20
2116004	A16 1/2	10




Code	Description	Quantity
<b>TEE CROSS (A21)</b>		
		
2121001	A21 1/8	25
2121002	A21 1/4	25
2121003	A21 3/8	10
2121004	A21 1/2	10




Code	Description	Quantity
<b>TEE, CENTRAL FEMALE (A17)</b>		
		
2117001	A17 1/4	50
2117002	A17 1/8	50
2117003	A17 3/8	20
2117004	A17 1/2	10





## STANDARD STAINLESS STEEL FITTINGS SERIES XA

Code	Description	Quantity	Code	Description	Quantity	Code	Description	Quantity
<b>NIPPLE, CONICAL (XA2)</b>			<b>PLUG WITH EXAGON EMBEDDED (XA7)</b>			<b>TEE, FEMALE (XA11)</b>		
								
2102001X	XA2 1/8" - 1/8" - AISI 316L	10	2107001X	XA7 1/8" - AISI 316L	10	2111001X	XA11 1/8" - 1/8" - AISI 316L	10
2102002X	XA2 1/8" - 1/4" - AISI 316L	10	2107002X	XA7 1/4" - AISI 316L	10	2111002X	XA11 1/4" - 1/4" - AISI 316L	10
2102004X	XA2 1/4" - 1/4" - AISI 316L	10	2107003X	XA7 3/8" - AISI 316L	10	2111003X	XA11 3/8" - 3/8" - AISI 316L	10
2102005X	XA2 1/4" - 3/8" - AISI 316L	10	2107004X	XA7 1/2" - AISI 316L	10	2111004X	XA11 1/2" - 1/2" - AISI 316L	10
2102007X	XA2 3/8" - 3/8" - AISI 316L	10						
2102008X	XA2 3/8" - 1/2" - AISI 316L	10						
2102009X	XA2 1/2" - 1/2" - AISI 316L	10						

Code	Description	Quantity	Code	Description	Quantity	Code	Description	Quantity
<b>SLEEVE (XA3)</b>			<b>TAPER MALE PLUG (XA7C)</b>			<b>TEE, CENTRAL MALE (XA12)</b>		
								
2103001X	XA3 1/8" - AISI 316L	10	2107C01X	XA7/C 1/8" - AISI 316L	10	2112001X	XA12 1/8" - 1/8" - AISI 316L	10
2103002X	XA3 1/4" - AISI 316L	10	2107C02X	XA7/C 1/4" - AISI 316L	10	2112002X	XA12 1/4" - 1/4" - AISI 316L	10
2103003X	XA3 3/8" - AISI 316L	10	2107C03X	XA7/C 3/8" - AISI 316L	10	2112003X	XA12 3/8" - 3/8" - AISI 316L	10
2103004X	XA3 1/2" - AISI 316L	10	2107C04X	XA7/C 1/2" - AISI 316L	10	2112004X	XA12 1/2" - 1/2" - AISI 316L	10

Code	Description	Quantity	Code	Description	Quantity	Code	Description	Quantity
<b>REDUCER, CONICAL (XA4)</b>			<b>ELBOW, FEMALE (XA9)</b>			<b>ELBOW, MALE (XA15)</b>		
								
2104001X	XA4 1/8" - 1/4" - AISI 316L	10	2109001X	XA9 1/8" - 1/8" - AISI 316L	10	2115001X	XA15 1/8" - 1/8" - AISI 316L	10
2104002X	XA4 1/8" - 3/8" - AISI 316L	10	2109002X	XA9 1/4" - 1/4" - AISI 316L	10	2115002X	XA15 1/4" - 1/4" - AISI 316L	10
2104009X	XA4 1/8" - 1/2" - AISI 316L	10	2109003X	XA9 3/8" - 3/8" - AISI 316L	10	2115003X	XA15 3/8" - 3/8" - AISI 316L	10
2104003X	XA4 1/4" - 3/8" - AISI 316L	10	2109004X	XA9 1/2" - 1/2" - AISI 316L	10	2115004X	XA15 1/2" - 1/2" - AISI 316L	10
2104004X	XA4 1/4" - 1/2" - AISI 316L	10						
2104005X	XA4 3/8" - 1/2" - AISI 316L	10						

Code	Description	Quantity	Code	Description	Quantity
<b>REDUCER, PARALLEL (XA4Z)</b>			<b>ELBOW, MALE-FEMALE (XA10)</b>		
					
2151000X	XA4/Z M5 - 1/8" - AISI 316L	10	2110001X	XA10 1/8" - 1/8" - AISI 316L	10
2151001X	XA4/Z 1/8" - 1/4" - AISI 316L	10	2110002X	XA10 1/4" - 1/4" - AISI 316L	10
2151003X	XA4/Z 1/4" - 3/8" - AISI 316L	10	2110003X	XA10 3/8" - 3/8" - AISI 316L	10
			2110004X	XA10 1/2" - 1/2" - AISI 316L	10

## COMPRESSION FITTINGS SERIES B

**Code**      **Description**      **Quantity**  
**STRAIGHT, MALE CONICAL (B1)**



2201001	B1 4/2-1/8	100
2201002	B1 6/4-1/8	100
2201003	B1 6/4-1/4	100
2201004	B1 8/6-1/8	100
2201005	B1 8/6-1/4	50
2201006	B1 8/6-3/8	100
2201007	B1 10/8-1/4	50
2201008	B1 10/8-3/8	50
2201009	B1 10/8-1/2	25
2201010	B1 12/10-3/8	50
2201011	B1 12/10-1/2	20
2201012	B1 15/12-1/2	25

**STRAIGHT, FEMALE (B2)**



2202001	B2 6/4-1/8	100
2202002	B2 6/4-1/4	100
2202003	B2 8/6-1/8	50
2202004	B2 8/6-1/4	100
2202005	B2 8/6-3/8	50
2202006	B2 10/8-1/4	25
2202007	B2 10/8-3/8	25

**STRAIGHT, CONNECTOR (B3)**



2203001	B3 4/2	50
2203002	B3 6/4	50
2203003	B3 8/6	50
2203004	B3 10/8	50
2203005	B3 12/10	25
2203006	B3 15/12	20

**BULKHEAD CONNECTOR (B4)**



2204001	B4 6/4	50
2204002	B4 8/6	50
2204003	B4 10/8	25
2204004	B4 12/10	25
2204005	B4 15/12	10

**Code**      **Description**      **Quantity**  
**ELBOW, MALE (B5)**



2205001	B5 4/2-1/8	100
2205002	B5 6/4-1/8	100
2205003	B5 6/4-1/4	50
2205004	B5 8/6-1/8	50
2205005	B5 8/6-1/4	100
2205006	B5 8/6-3/8	50
2205007	B5 10/8-1/4	50
2205008	B5 10/8-3/8	50
2205009	B5 10/8-1/2	25
2205010	B5 12/10-3/8	25
2205011	B5 12/10-1/2	25
2205012	B5 15/12-1/2	10

**ELBOW, FEMALE (B6)**



2206001	B6 4/2	100
2206002	B6 6/4	50
2206003	B6 8/6	50
2206004	B6 10/8	25
2206005	B6 12/10	25
2206006	B6 15/12	10

**TEE, CENTRAL MALE (B7)**



2207001	B7 4/2-1/8	100
2207002	B7 6/4-1/8	100
2207003	B7 6/4-1/4	50
2207004	B7 8/6-1/8	50
2207005	B7 8/6-1/4	50
2207006	B7 8/6-3/8	20
2207007	B7 10/8-1/4	25
2207008	B7 10/8-3/8	25
2207010	B7 12/10-3/8	10
2207011	B7 12/10-1/2	10
2207012	B7 15/12-1/2	10

**TEE, LATERAL MALE (B8)**



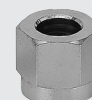
2208000	B8 4/2-1/8	100
2208001	B8 6/4-1/8	100
2208002	B8 6/4-1/4	50
2208003	B8 8/6-1/8	50
2208004	B8 8/6-1/4	50
2208005	B8 8/6-3/8	25
2208006	B8 10/8-1/4	25
2208007	B8 10/8-3/8	25
2208009	B8 12/10-3/8	10
2208010	B8 12/10-1/2	10
2208011	B8 15/12-1/2	10

**Code**      **Description**      **Quantity**  
**TEE, MALE (B9)**



2209001	B9 4/2	100
2209002	B9 6/4	50
2209003	B9 8/6	50
2209004	B9 10/8	20
2209005	B9 12/10	10
2209006	B9 15/12	10

**NUT (B10)**



2210001	B10 4/2 M8X1	100
2210002	B10 6/4 M10X1	100
2210003	B10 8/6 M12X1	100
2210004	B10 10/8 M16X1.5	50
2210005	B10 12/10 M18X1.5	50
2210006	B10 15/12 M22X1.5	25

**OLIVE (B11)**



2211001	B11 4/2	100
2211002	B11 6/4	100
2211003	B11 8/6	100
2211004	B11 10/8	100
2211005	B11 12/10	100
2211006	B11 15/12	100

**INTERNAL BUSH (B12)**



2212001	B12 6/4	100
2212002	B12 8/6	100
2212003	B12 10/8	100
2212004	B12 12/10	100
2212005	B12 15/12	100

## BRASS QUICK FITTINGS SERIES C

**Code**      **Description**      **Quantity**  
**STRAIGHT, MALE CONICAL (C1)**



2301017	C1 5/3-1/8	50
2301001	C1 6/4-1/8	100
2301002	C1 6/4-1/4	100
2301003	C1 8/6-1/8	50
2301004	C1 8/6-1/4	100
2301005	C1 8/6-3/8	100
2301020	C1 10/8 1/8	50
2301006	C1 10/8-1/4	50
2301007	C1 10/8-3/8	50
2301008	C1 10/8-1/2	50
2301009	C1 12/10-3/8	25
2301010	C1 12/10-1/2	50
2301015	C1 15/12.5-1/2	25

**STRAIGHT, MALE PARALLEL WITH O-RING (C1/Z)**



2351001	C1/Z 4/2-M5	100
2351002	C1/Z 6/4-M5	100
2351003	C1/Z 6/4-1/8	50
2351004	C1/Z 6/4-1/4	50
2351005	C1/Z 8/6-1/8	100
2351006	C1/Z 8/6-1/4	50
2351007	C1/Z 8/6-3/8	100
2351008	C1/Z 10/8-1/4	100
2351009	C1/Z 10/8-3/8	50
2351010	C1/Z 10/8-1/2	50
2351011	C1/Z 12/10-3/8	25
2351012	C1/Z 12/10-1/2	50

**STRAIGHT, MALE METRIC THREAD (C1/C)**



2356001	C1/C 5/3-M5	50
2356002	C1/C 6/4-M6	50
2356003	C1/C 6/4-M12X1.5	50
2356004	C1/C 6/4-3/8	50
2356005	C1/C 8/6-M12X1.5	50

**STRAIGHT, FEMALE (C2)**



2302001	C2 6/4-1/8	100
2302002	C2 6/4-1/4	50
2302012	C2 6/4-3/8	50
2302003	C2 8/6-1/8	100
2302004	C2 8/6-1/4	50
2302005	C2 8/6-3/8	50
2302006	C2 10/8-1/4	100
2302007	C2 10/8-3/8	50
2302008	C2 10/8-1/2	25

**Code**      **Description**      **Quantity**  
**STRAIGHT, CONNECTOR (C3)**



2303001	C3 6/4	100
2303002	C3 8/6	50
2303003	C3 10/8	100
2303004	C3 12/10	50

**BULKHEAD CONNECTOR (C4)**



2304001	C4 6/4	100
2304002	C4 8/6	50
2304003	C4 10/8	50
2304004	C4 12/10	50

**ELBOW, MALE CONICAL (C5)**



2305016	C5 5/3 1/8	100
2305001	C5 6/4-1/8	100
2305002	C5 6/4-1/4	50
2305003	C5 8/6-1/8	50
2305004	C5 8/6-1/4	50
2305005	C5 8/6-3/8	100
2305006	C5 10/8-1/4	100
2305007	C5 10/8-3/8	25
2305008	C5 10/8-1/2	50
2305009	C5 12/10-3/8	50
2305010	C5 12/10-1/2	25
2305017	C5 15/12.5-1/2	25

**ELBOW FEMALE (C5/F)**



2352001	C5/F 6/4-1/8	50
2352002	C5/F 8/6-1/4	50

**ELBOW, MALE METRIC THREAD (C5/C)**



2357001	C5/C 6/4-M12X1.5	50
2357002	C5/C 8/6-M12X1.5	50

**ELBOW CONNECTOR (C6)**



2306001	C6 6/4	50
2306002	C6 8/6	100
2306003	C6 10/8	50
2306004	C6 12/10	25
2306006	C6 15/12.5	25

**Code**      **Description**      **Quantity**  
**TEE, CENTRAL MALE (C7)**



2307001	C7 6/4-1/8	100
2307002	C7 6/4-1/4	100
2307003	C7 8/6-1/8	50
2307004	C7 8/6-1/4	50
2307005	C7 8/6-3/8	50
2307006	C7 10/8-1/4	50
2307007	C7 10/8-3/8	50
2307008	C7 10/8-1/2	25
2307009	C7 12/10-3/8	25
2307010	C7 12/10-1/2	25
2307015	C7 5/3-1/8	50
2307016	C7 15/12.5-1/2	10

**TEE, LATERAL MALE (C8)**



2308012	C8 5/3-1/8	50
2308001	C8 6/4-1/8	100
2308002	C8 6/4-1/4	100
2308003	C8 8/6-1/8	50
2308004	C8 8/6-1/4	50
2308005	C8 8/6-3/8	50
2308006	C8 10/8-1/4	50
2308007	C8 10/8-3/8	50
2308008	C8 10/8-1/2	25
2308009	C8 12/10-3/8	25
2308010	C8 12/10-1/2	25

**TEE CONNECTOR (C9)**



2309001	C9 6/4	100
2309002	C9 8/6	50
2309003	C9 10/8	50
2309004	C9 12/10	25
2309007	C9 15/12.5	10



2310001	C10 4/2 M7X0.5	100
2310009	C10 6/4-M8X0.75	100
2310002	C10 6/4 M8X0.5	100
2310003	C10 6/4 M10X1	100
2310004	C10 8/6 M12X1	100
2310005	C10 10/8 M14X1	100
2310006	C10 12/10 M16X1	100
2310011	C10 15/12.5-M20X1	100


**EQUAL CROSS CONNECTOR (C11)**





2311001	C11 6/4	50
2311002	C11 8/6	50
2311003	C11 10/8	25





## BRASS FITTINGS SERIES D


Code	Description	Quantity
<b>SINGLE BANJO BODY (D5)</b>		
		
2405000	D5 4/2-M5	100
2405018	D5 5/3 M5	100
2405013	D5 5/3 1/8	100
2405001	D5 6/4-M5	100
2405002	D5 6/4-1/8	100
2405003	D5 6/4-1/4	100
2405005	D5 8/6-1/8	100
2405006	D5 8/6-1/4	100
2405007	D5 8/6-3/8	25
2405009	D5 10/8-1/4	50
2405010	D5 10/8-3/8	50
2405011	D5 10/8-1/2	20
2405012	D5 12/10-1/2	20
2405017	D5 12/10-3/8	50


Code	Description	Quantity
<b>BANJO STEM DOUBLE (D8)</b>		
		
Versione con rondella D11 per mod. R13-R14-D5-D6-D12-D17		
2408001	D8 1/8	100
2408002	D8 1/4	50
2408003	D8 3/8	20
2408004	D8 1/2	25
Versione con OR per mod. R28-R29		
2408102	D8 1/8 con OR	100
2408103	D8 1/4 con OR	50
2408104	D8 3/8 con OR	20


Code	Description	Quantity
<b>WASHER (D11)</b>		
		
2411001	D11 M5	100
2411002	D11 1/8	200
2411003	D11 1/4	100
2411004	D11 3/8	100
2411005	D11 1/2	100


Code	Description	Quantity
<b>DOUBLE BANJO BODY (D6)</b>		
		
2406001	D6 6/4-1/8	100
2406002	D6 6/4-1/4	50
2406004	D6 8/6-1/8	50
2406005	D6 8/6-1/4	50
2406006	D6 8/6-3/8	50
2406008	D6 10/8-1/4	50
2406009	D6 10/8-3/8	25
2406010	D6 10/8-1/2	25
2406011	D6 12/10-1/2	25

Code	Description	Quantity
<b>BANJO PASSING TROUGHT SINGLE (D9)</b>		
		
Versione con rondella D11 per mod. R13-R14-D5-D6-D12-D17		
2409001	D9 1/8	100
2409002	D9 1/4	50
2409003	D9 3/8	20
2409004	D9 1/2	25
Versione con OR per mod. R28-R29		
2409102	D9 1/8 con OR	100
2409103	D9 1/4 con OR	50
2409104	D9 3/8 con OR	20

Code	Description	Quantity
<b>SINGLE BANJO PASSING TROUGHT BODY (D12)</b>		
		
2412001	D12 1/8-1/8 M	50
2412002	D12 1/4-1/4 M	50
2412003	D12 3/8-3/8 M	50


Code	Description	Quantity
<b>BANJO STEM SINGLE (D7)</b>		
		
Versione con rondella D11 per mod. R13-R14-D12-D17-D5-D6		
2407001	D7 M5	100
2407002	D7 1/8	100
2407003	D7 1/4	50
2407004	D7 3/8	50
2407005	D7 1/2	25
2407006	D7 M12X1.5	50
Versione con OR per mod. R28-R29		
2407102	D7 1/8 con OR	100
2407103	D7 1/4 con OR	50
2407104	D7 3/8 con OR	50

Code	Description	Quantity
<b>BANJO PASSING TROUGHT STEM DOUBLE (D10)</b>		
		
Versione con rondella D11 per mod. R13-R14-D5-D6-D12-D17		
2410001	D10 1/8	100
2410002	D10 1/4	50
2410003	D10 3/8	25
2410004	D10 1/2	10
Versione con OR per mod. R28-R29		
2410102	D10 1/8 con OR	100
2410103	D10 1/4 con OR	50
2410104	D10 3/8 con OR	20

Code	Description	Quantity
<b>SINGLE BANJO WITH "B" INTERFACE (D17)</b>		
		
2417006	D17 4/2-1/8	50
2417003	D17 6/4 1/4	50
2417002	D17 6/4 1/8	50
2417005	D17 8/6 1/4	50
2417004	D17 8/6 1/8	50

## STAINLESS STEEL FITTINGS SERIES XD

Code	Description	Quantity
<b>SINGLE BANJO PASSING TROUGHT BODY (XD12)</b>		
		
2412001X	XD12 1/8" - AISI 316L	10
2412002X	XD12 1/4" - AISI 316L	10
2412003X	XD12 3/8" - AISI 316L	10
2412004X	XD12 1/2" - AISI 316L	10

Code	Description	Quantity
<b>BANJO STEM SINGLE (XD7)</b>		
		
2407002X	XD7 1/8" - AISI 316L	10
2407003X	XD7 1/4" - AISI 316L	10
2407004X	XD7 3/8" - AISI 316L	10
2407005X	XD7 1/2" - AISI 316L	10

## TAPERED THREAD FITTINGS WITH PTFE


Fittings with a PTFE thread have the same code as the standard fitting, with the addition of the suffix T.  
 Example: The 1/8" 1/8" A2 fitting has code 2102001, so the PTFE version has code 2102001T.






**IN-LINE FLOW MICRO-REGULATOR SERIES RFL L**

**RFL L PIPE - PIPE UNIDIRECTIONAL**




Code	Description	Quantity
9041301	RFL L U Ø4-Ø4	10
9041316	RFL L U Ø6-Ø6	10
9041316U	RFL L U Ø1/4-Ø1/4	10
9041324	RFL L U Ø8-Ø8	10

**RFL L G (BSP) THREAD - PIPE UNIDIRECTIONAL CYLINDER VERSION PUSH-LOCK**




Code	Description	Quantity
9041458	RFL L U 1/8-Ø6 PL	10
9041459	RFL L U 1/4-Ø6 PL	10
9041460	RFL L U 1/8-Ø8 PL	10
9041461	RFL L U 1/4-Ø8 PL	10
9041462	RFL L U 3/8-Ø8 PL	10

**RFL L PIPE - PIPE BIDIRECTIONAL**




Code	Description	Quantity
9041601	RFL L B Ø4-Ø4	10
9041616	RFL L B Ø6-Ø6	10
9041616U	RFL L B Ø1/4-Ø1/4	10
9041624	RFL L B Ø8-Ø8	10

**RFL L PIPE - PIPE UNIDIRECTIONAL PUSH-LOCK**




Code	Description	Quantity
9041366	RFL L U Ø6-Ø6 PL	10
9041366U	RFL L U Ø1/4-Ø1/4 PL	10
9041374	RFL L U Ø8-Ø8 PL	10

**RFL L PIPE - G (BSP) THREAD UNIDIRECTIONAL VALVE VERSION**




Code	Description	Quantity
9041501	RFL L U Ø4-M5	10
9041502	RFL L U Ø4-Ø1/8	10
9041508	RFL L U Ø6-Ø1/8	10
9041509	RFL L U Ø6-Ø1/4	10
9041510	RFL L U Ø8-Ø1/8	10
9041511	RFL L U Ø8-Ø1/4	10
9041512	RFL L U Ø8-Ø3/8	10

**RFL L PIPE - PIPE BIDIRECTIONAL PUSH-LOCK**




Code	Description	Quantity
9041666	RFL L B Ø6-Ø6 PL	10
9041666U	RFL L B Ø1/4-Ø1/4 PL	10
9041674	RFL L B Ø8-Ø8 PL	10

**RFL L G (BSP) THREAD - PIPE UNIDIRECTIONAL CYLINDER VERSION**




Code	Description	Quantity
9041401	RFL L U M5-Ø4	10
9041402	RFL L U 1/8-Ø4	10
9041408	RFL L U 1/8-Ø6	10
9041409	RFL L U 1/4-Ø6	10
9041410	RFL L U 1/8-Ø8	10
9041411	RFL L U 1/4-Ø8	10
9041412	RFL L U 3/8-Ø8	10

**RFL L PIPE - G (BSP) THREAD UNIDIRECTIONAL VALVE VERSION PUSH-LOCK**




Code	Description	Quantity
9041558	RFL L U Ø6-1/8 PL	10
9041559	RFL L U Ø6-1/4 PL	10
9041560	RFL L U Ø8-1/8 PL	10
9041561	RFL L U Ø8-1/4 PL	10
9041562	RFL L U Ø8-3/8 PL	10

**RFL L G (BSP) THREAD - PIPE BIDIRECTIONAL**



Code	Description	Quantity
9041701	RFL L B M5-Ø4	10
9041702	RFL L B 1/8-Ø4	10
9041708	RFL L B 1/8-Ø6	10
9041709	RFL L B 1/4-Ø6	10
9041710	RFL L B 1/8-Ø8	10
9041711	RFL L B 1/4-Ø8	10
9041712	RFL L B 3/8-Ø8	10

**RFL L G (BSP) THREAD - PIPE BIDIRECTIONAL PUSH-LOCK**



Code	Description	Quantity
9041758	RFL L B 1/8-Ø6 PL	10
9041759	RFL L B 1/4-Ø6 PL	10
9041760	RFL L B 1/8-Ø8 PL	10
9041761	RFL L B 1/4-Ø8 PL	10
9041762	RFL L B 3/8-Ø8 PL	10


**MINIATURE REDUCER/ECONOMIZER, SERIES RML, RMC AND RMS**

**LINE-MOUNTED MINIATURE REDUCER, SERIES RML**




Code	Description
9061316	RML Ø6-Ø6
9061316U	RML Ø1/4-Ø1/4
9061324	RML Ø8-Ø8

**LINE-MOUNTED F/R MINIATURE REDUCER, SERIES RML**




Code	Description
9061508	RML Ø 6-1/8
9061509	RML Ø 6-1/4
9061510	RML Ø 8-1/8
9061511	RML Ø 8-1/4
9061512	RML Ø 8-3/8

**CARTRIDGE REDUCER, SERIES RMS**




Code	Description
9061001	RMS 1/8
9061002	RMS 1/4

**LINE-MOUNTED R/F MINIATURE REDUCER, SERIES RML**




Code	Description
9061408	RML 1/8-Ø 6
9061409	RML 1/4-Ø 6
9061410	RML 1/8-Ø 8
9061411	RML 1/4-Ø 8
9061412	RML 3/8-Ø 8

**MINIATURE REDUCER, SERIES RMC**



Code	Description
9061102	RMC 1/8-Ø 4
9061108	RMC 1/8-Ø 6
9061109	RMC 1/4-Ø 6
9061110	RMC 1/8-Ø 8
9061111	RMC 1/4-Ø 8



**TOOL FOR RMS SEAT**



Code	Description
9062001	UT.SE 1/8
9062002	UT.SE 1/4



**IN-LINE FIXED-REGULATION FLOW REGULATOR SERIES RFF L**

Code	Description
<b>RFF L PIPE - PIPE UNIDIRECTIONAL</b>	
	
	
9070U1102	RFF U Ø 4-Ø 4 narrowing 0,2
9070U1103	RFF U Ø 4-Ø 4 narrowing 0,3
9070U1104	RFF U Ø 4-Ø 4 narrowing 0,4
9070U1105	RFF U Ø 4-Ø 4 narrowing 0,5
9070U1106	RFF U Ø 4-Ø 4 narrowing 0,6
9070U1108	RFF U Ø 4-Ø 4 narrowing 0,8
9070U1110	RFF U Ø 4-Ø 4 narrowing 1,0
9070U1113	RFF U Ø 4-Ø 4 narrowing 1,3
9070U1115	RFF U Ø 4-Ø 4 narrowing 1,5
9070U2202	RFF U Ø 6-Ø 6 narrowing 0,2
9070U2203	RFF U Ø 6-Ø 6 narrowing 0,3
9070U2204	RFF U Ø 6-Ø 6 narrowing 0,4
9070U2205	RFF U Ø 6-Ø 6 narrowing 0,5
9070U2206	RFF U Ø 6-Ø 6 narrowing 0,6
9070U2208	RFF U Ø 6-Ø 6 narrowing 0,8
9070U2210	RFF U Ø 6-Ø 6 narrowing 1,0
9070U2213	RFF U Ø 6-Ø 6 narrowing 1,3
9070U2215	RFF U Ø 6-Ø 6 narrowing 1,5
9070U3302	RFF U Ø 8-Ø 8 narrowing 0,2
9070U3303	RFF U Ø 8-Ø 8 narrowing 0,3
9070U3304	RFF U Ø 8-Ø 8 narrowing 0,4
9070U3305	RFF U Ø 8-Ø 8 narrowing 0,5
9070U3306	RFF U Ø 8-Ø 8 narrowing 0,6
9070U3308	RFF U Ø 8-Ø 8 narrowing 0,8
9070U3310	RFF U Ø 8-Ø 8 narrowing 1,0
9070U3313	RFF U Ø 8-Ø 8 narrowing 1,3
9070U3315	RFF U Ø 8-Ø 8 narrowing 1,5

Code	Description
9070C7215	RFF C 1/4-Ø 6 narrowing 1,5
9070C6302	RFF C 1/8-Ø 8 narrowing 0,2
9070C6303	RFF C 1/8-Ø 8 narrowing 0,3
9070C6304	RFF C 1/8-Ø 8 narrowing 0,4
9070C6305	RFF C 1/8-Ø 8 narrowing 0,5
9070C6306	RFF C 1/8-Ø 8 narrowing 0,6
9070C6308	RFF C 1/8-Ø 8 narrowing 0,8
9070C6310	RFF C 1/8-Ø 8 narrowing 1,0
9070C6313	RFF C 1/8-Ø 8 narrowing 1,3
9070C6315	RFF C 1/8-Ø 8 narrowing 1,5
9070C7302	RFF C 1/4-Ø 8 narrowing 0,2
9070C7303	RFF C 1/4-Ø 8 narrowing 0,3
9070C7304	RFF C 1/4-Ø 8 narrowing 0,4
9070C7305	RFF C 1/4-Ø 8 narrowing 0,5
9070C7306	RFF C 1/4-Ø 8 narrowing 0,6
9070C7308	RFF C 1/4-Ø 8 narrowing 0,8
9070C7310	RFF C 1/4-Ø 8 narrowing 1,0
9070C7313	RFF C 1/4-Ø 8 narrowing 1,3
9070C7315	RFF C 1/4-Ø 8 narrowing 1,5
9070C8302	RFF C 3/8-Ø 8 narrowing 0,2
9070C8303	RFF C 3/8-Ø 8 narrowing 0,3
9070C8304	RFF C 3/8-Ø 8 narrowing 0,4
9070C8305	RFF C 3/8-Ø 8 narrowing 0,5
9070C8306	RFF C 3/8-Ø 8 narrowing 0,6
9070C8308	RFF C 3/8-Ø 8 narrowing 0,8
9070C8310	RFF C 3/8-Ø 8 narrowing 1,0
9070C8313	RFF C 3/8-Ø 8 narrowing 1,3
9070C8315	RFF C 3/8-Ø 8 narrowing 1,5

Code	Description
9070V2715	RFF V Ø 6-1/4 narrowing 1,5
9070V3602	RFF V Ø 8-1/8 narrowing 0,2
9070V3603	RFF V Ø 8-1/8 narrowing 0,3
9070V3604	RFF V Ø 8-1/8 narrowing 0,4
9070V3605	RFF V Ø 8-1/8 narrowing 0,5
9070V3606	RFF V Ø 8-1/8 narrowing 0,6
9070V3608	RFF V Ø 8-1/8 narrowing 0,8
9070V3610	RFF V Ø 8-1/8 narrowing 1,0
9070V3613	RFF V Ø 8-1/8 narrowing 1,3
9070V3615	RFF V Ø 8-1/8 narrowing 1,5
9070V3702	RFF V Ø 8-1/4 narrowing 0,2
9070V3703	RFF V Ø 8-1/4 narrowing 0,3
9070V3704	RFF V Ø 8-1/4 narrowing 0,4
9070V3705	RFF V Ø 8-1/4 narrowing 0,5
9070V3706	RFF V Ø 8-1/4 narrowing 0,6
9070V3708	RFF V Ø 8-1/4 narrowing 0,8
9070V3710	RFF V Ø 8-1/4 narrowing 1,0
9070V3713	RFF V Ø 8-1/4 narrowing 1,3
9070V3715	RFF V Ø 8-1/4 narrowing 1,5
9070V3802	RFF V Ø 8-3/8 narrowing 0,2
9070V3803	RFF V Ø 8-3/8 narrowing 0,3
9070V3804	RFF V Ø 8-3/8 narrowing 0,4
9070V3805	RFF V Ø 8-3/8 narrowing 0,5
9070V3806	RFF V Ø 8-3/8 narrowing 0,6
9070V3808	RFF V Ø 8-3/8 narrowing 0,8
9070V3810	RFF V Ø 8-3/8 narrowing 1,0
9070V3813	RFF V Ø 8-3/8 narrowing 1,3
9070V3815	RFF V Ø 8-3/8 narrowing 1,5

**RFF L THREAD - PIPE UNIDIRECTIONAL CYLINDER VERSION**



9070C5102	RFF C M5-Ø 4 narrowing 0,2
9070C5103	RFF C M5-Ø 4 narrowing 0,3
9070C5104	RFF C M5-Ø 4 narrowing 0,4
9070C5105	RFF C M5-Ø 4 narrowing 0,5
9070C5106	RFF C M5-Ø 4 narrowing 0,6
9070C5108	RFF C M5-Ø 4 narrowing 0,8
9070C5110	RFF C M5-Ø 4 narrowing 1,0
9070C5113	RFF C M5-Ø 4 narrowing 1,3
9070C5115	RFF C M5-Ø 4 narrowing 1,5
9070C6102	RFF C 1/8-Ø 4 narrowing 0,2
9070C6103	RFF C 1/8-Ø 4 narrowing 0,3
9070C6104	RFF C 1/8-Ø 4 narrowing 0,4
9070C6105	RFF C 1/8-Ø 4 narrowing 0,5
9070C6106	RFF C 1/8-Ø 4 narrowing 0,6
9070C6108	RFF C 1/8-Ø 4 narrowing 0,8
9070C6110	RFF C 1/8-Ø 4 narrowing 1,0
9070C6113	RFF C 1/8-Ø 4 narrowing 1,3
9070C6115	RFF C 1/8-Ø 4 narrowing 1,5
9070C6202	RFF C 1/8-Ø 6 narrowing 0,2
9070C6203	RFF C 1/8-Ø 6 narrowing 0,3
9070C6204	RFF C 1/8-Ø 6 narrowing 0,4
9070C6205	RFF C 1/8-Ø 6 narrowing 0,5
9070C6206	RFF C 1/8-Ø 6 narrowing 0,6
9070C6208	RFF C 1/8-Ø 6 narrowing 0,8
9070C6210	RFF C 1/8-Ø 6 narrowing 1,0
9070C6213	RFF C 1/8-Ø 6 narrowing 1,3
9070C6215	RFF C 1/8-Ø 6 narrowing 1,5
9070C7202	RFF C 1/4-Ø 6 narrowing 0,2
9070C7203	RFF C 1/4-Ø 6 narrowing 0,3
9070C7204	RFF C 1/4-Ø 6 narrowing 0,4
9070C7205	RFF C 1/4-Ø 6 narrowing 0,5
9070C7206	RFF C 1/4-Ø 6 narrowing 0,6
9070C7208	RFF C 1/4-Ø 6 narrowing 0,8
9070C7210	RFF C 1/4-Ø 6 narrowing 1,0
9070C7213	RFF C 1/4-Ø 6 narrowing 1,3

**RFF L PIPE - THREAD UNIDIRECTIONAL VALVE VERSION**



9070V1502	RFF V Ø 4-M5 narrowing 0,2
9070V1503	RFF V Ø 4-M5 narrowing 0,3
9070V1504	RFF V Ø 4-M5 narrowing 0,4
9070V1505	RFF V Ø 4-M5 narrowing 0,5
9070V1506	RFF V Ø 4-M5 narrowing 0,6
9070V1508	RFF V Ø 4-M5 narrowing 0,8
9070V1510	RFF V Ø 4-M5 narrowing 1,0
9070V1513	RFF V Ø 4-M5 narrowing 1,3
9070V1515	RFF V Ø 4-M5 narrowing 1,5
9070V1602	RFF V Ø 4-1/8 narrowing 0,2
9070V1603	RFF V Ø 4-1/8 narrowing 0,3
9070V1604	RFF V Ø 4-1/8 narrowing 0,4
9070V1605	RFF V Ø 4-1/8 narrowing 0,5
9070V1606	RFF V Ø 4-1/8 narrowing 0,6
9070V1608	RFF V Ø 4-1/8 narrowing 0,8
9070V1610	RFF V Ø 4-1/8 narrowing 1,0
9070V1613	RFF V Ø 4-1/8 narrowing 1,3
9070V1615	RFF V Ø 4-1/8 narrowing 1,5
9070V2602	RFF V Ø 6-1/8 narrowing 0,2
9070V2603	RFF V Ø 6-1/8 narrowing 0,3
9070V2604	RFF V Ø 6-1/8 narrowing 0,4
9070V2605	RFF V Ø 6-1/8 narrowing 0,5
9070V2606	RFF V Ø 6-1/8 narrowing 0,6
9070V2608	RFF V Ø 6-1/8 narrowing 0,8
9070V2610	RFF V Ø 6-1/8 narrowing 1,0
9070V2613	RFF V Ø 6-1/8 narrowing 1,3
9070V2615	RFF V Ø 6-1/8 narrowing 1,5
9070V2702	RFF V Ø 6-1/4 narrowing 0,2
9070V2703	RFF V Ø 6-1/4 narrowing 0,3
9070V2704	RFF V Ø 6-1/4 narrowing 0,4
9070V2705	RFF V Ø 6-1/4 narrowing 0,5
9070V2706	RFF V Ø 6-1/4 narrowing 0,6
9070V2708	RFF V Ø 6-1/4 narrowing 0,8
9070V2710	RFF V Ø 6-1/4 narrowing 1,0
9070V2713	RFF V Ø 6-1/4 narrowing 1,3

**RFF L PIPE - PIPE BIDIRECTIONAL**



9070B1102	RFF B Ø 4-Ø 4 narrowing 0,2
9070B1103	RFF B Ø 4-Ø 4 narrowing 0,3
9070B1104	RFF B Ø 4-Ø 4 narrowing 0,4
9070B1105	RFF B Ø 4-Ø 4 narrowing 0,5
9070B1106	RFF B Ø 4-Ø 4 narrowing 0,6
9070B1108	RFF B Ø 4-Ø 4 narrowing 0,8
9070B1110	RFF B Ø 4-Ø 4 narrowing 1,0
9070B1113	RFF B Ø 4-Ø 4 narrowing 1,3
9070B1115	RFF B Ø 4-Ø 4 narrowing 1,5
9070B2202	RFF B Ø 6-Ø 6 narrowing 0,2
9070B2203	RFF B Ø 6-Ø 6 narrowing 0,3
9070B2204	RFF B Ø 6-Ø 6 narrowing 0,4
9070B2205	RFF B Ø 6-Ø 6 narrowing 0,5
9070B2206	RFF B Ø 6-Ø 6 narrowing 0,6
9070B2208	RFF B Ø 6-Ø 6 narrowing 0,8
9070B2210	RFF B Ø 6-Ø 6 narrowing 1,0
9070B2213	RFF B Ø 6-Ø 6 narrowing 1,3
9070B2215	RFF B Ø 6-Ø 6 narrowing 1,5
9070B3302	RFF B Ø 8-Ø 8 narrowing 0,2
9070B3303	RFF B Ø 8-Ø 8 narrowing 0,3
9070B3304	RFF B Ø 8-Ø 8 narrowing 0,4
9070B3305	RFF B Ø 8-Ø 8 narrowing 0,5
9070B3306	RFF B Ø 8-Ø 8 narrowing 0,6
9070B3308	RFF B Ø 8-Ø 8 narrowing 0,8
9070B3310	RFF B Ø 8-Ø 8 narrowing 1,0
9070B3313	RFF B Ø 8-Ø 8 narrowing 1,3
9070B3315	RFF B Ø 8-Ø 8 narrowing 1,5

**Code Description**  
**RFF L THREAD - PIPE BIDIRECTIONAL**



9070B5102	RFF B M5-Ø 4 narrowing 0,2
9070B5103	RFF B M5-Ø 4 narrowing 0,3
9070B5104	RFF B M5-Ø 4 narrowing 0,4
9070B5105	RFF B M5-Ø 4 narrowing 0,5
9070B5106	RFF B M5-Ø 4 narrowing 0,6
9070B5108	RFF B M5-Ø 4 narrowing 0,8
9070B5110	RFF B M5-Ø 4 narrowing 1,0
9070B5113	RFF B M5-Ø 4 narrowing 1,3
9070B5115	RFF B M5-Ø 4 narrowing 1,5
9070B6102	RFF B 1/8-Ø 4 narrowing 0,2
9070B6103	RFF B 1/8-Ø 4 narrowing 0,3
9070B6104	RFF B 1/8-Ø 4 narrowing 0,4
9070B6105	RFF B 1/8-Ø 4 narrowing 0,5
9070B6106	RFF B 1/8-Ø 4 narrowing 0,6
9070B6108	RFF B 1/8-Ø 4 narrowing 0,8
9070B6110	RFF B 1/8-Ø 4 narrowing 1,0

**Code Description**

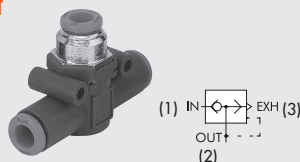
9070B6113	RFF B 1/8-Ø 4 narrowing 1,3
9070B6115	RFF B 1/8-Ø 4 narrowing 1,5
9070B6202	RFF B 1/8-Ø 6 narrowing 0,2
9070B6203	RFF B 1/8-Ø 6 narrowing 0,3
9070B6204	RFF B 1/8-Ø 6 narrowing 0,4
9070B6205	RFF B 1/8-Ø 6 narrowing 0,5
9070B6206	RFF B 1/8-Ø 6 narrowing 0,6
9070B6208	RFF B 1/8-Ø 6 narrowing 0,8
9070B6210	RFF B 1/8-Ø 6 narrowing 1,0
9070B6213	RFF B 1/8-Ø 6 narrowing 1,3
9070B6215	RFF B 1/8-Ø 6 narrowing 1,5
9070B6302	RFF B 1/8-Ø 8 narrowing 0,2
9070B6303	RFF B 1/8-Ø 8 narrowing 0,3
9070B6304	RFF B 1/8-Ø 8 narrowing 0,4
9070B6305	RFF B 1/8-Ø 8 narrowing 0,5
9070B6306	RFF B 1/8-Ø 8 narrowing 0,6
9070B6308	RFF B 1/8-Ø 8 narrowing 0,8
9070B6310	RFF B 1/8-Ø 8 narrowing 1,0
9070B6313	RFF B 1/8-Ø 8 narrowing 1,3
9070B6315	RFF B 1/8-Ø 8 narrowing 1,5
9070B7202	RFF B 1/4-Ø 6 narrowing 0,2
9070B7203	RFF B 1/4-Ø 6 narrowing 0,3
9070B7204	RFF B 1/4-Ø 6 narrowing 0,4
9070B7205	RFF B 1/4-Ø 6 narrowing 0,5

**Code Description**

9070B7206	RFF B 1/4-Ø 6 narrowing 0,6
9070B7208	RFF B 1/4-Ø 6 narrowing 0,8
9070B7210	RFF B 1/4-Ø 6 narrowing 1,0
9070B7213	RFF B 1/4-Ø 6 narrowing 1,3
9070B7215	RFF B 1/4-Ø 6 narrowing 1,5
9070B7302	RFF B 1/4-Ø 8 narrowing 0,2
9070B7303	RFF B 1/4-Ø 8 narrowing 0,3
9070B7304	RFF B 1/4-Ø 8 narrowing 0,4
9070B7305	RFF B 1/4-Ø 8 narrowing 0,5
9070B7306	RFF B 1/4-Ø 8 narrowing 0,6
9070B7308	RFF B 1/4-Ø 8 narrowing 0,8
9070B7310	RFF B 1/4-Ø 8 narrowing 1,0
9070B7313	RFF B 1/4-Ø 8 narrowing 1,3
9070B7315	RFF B 1/4-Ø 8 narrowing 1,5
9070B8302	RFF B 3/8-Ø 8 narrowing 0,2
9070B8303	RFF B 3/8-Ø 8 narrowing 0,3
9070B8304	RFF B 3/8-Ø 8 narrowing 0,4
9070B8305	RFF B 3/8-Ø 8 narrowing 0,5
9070B8306	RFF B 3/8-Ø 8 narrowing 0,6
9070B8308	RFF B 3/8-Ø 8 narrowing 0,8
9070B8310	RFF B 3/8-Ø 8 narrowing 1,0
9070B8313	RFF B 3/8-Ø 8 narrowing 1,3
9070B8315	RFF B 3/8-Ø 8 narrowing 1,5

**IN-LINE QUICK-EXHAUST VALVES SERIES VSR L**

**VSR L PIPE-PIPE,  
CONVEYED EXHAUST**



9063001	VSR L Ø4-Ø4-Ø4
9063016	VSR L Ø6-Ø6-Ø6
9063016U	VSR L 1/4-1/4-1/4
9063024	VSR L Ø8-Ø8-Ø8

**VSR L PIPE-THREAD,  
CONVEYED EXHAUST**



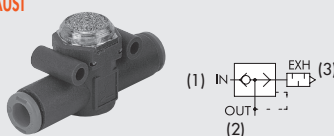
9063201	VSR L Ø 4-M5-Ø 4
9063202	VSR L Ø 4-1/8-Ø 4
9063209	VSR L Ø 6-1/4-Ø 6
9063208	VSR L Ø 6-1/8-Ø 6
9063211	VSR L Ø 8-1/4-Ø 8
9063210	VSR L Ø 8-1/8-Ø 8
9063212	VSR L Ø 8-3/8-Ø 8

**VSR L PIPE-THREAD,  
SILENCED EXHAUST**



9063301	VSR L Ø 4-M5-SIL.
9063302	VSR L Ø 4-1/8-SIL.
9063309	VSR L Ø 6-1/4-SIL.
9063308	VSR L Ø 6-1/8-SIL.
9063311	VSR L Ø 8-1/4-SIL.
9063310	VSR L Ø 8-1/8-SIL.
9063312	VSR L Ø 8-3/8-SIL.

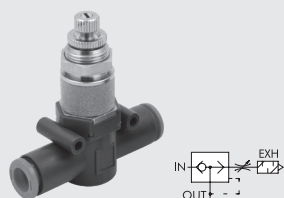
**VSR L PIPE-PIPE,  
SILENCED EXHAUST**



9063101	VSR L Ø4-Ø4-SIL.
9063116	VSR L Ø6-Ø6-SIL.
9063116U	VSR L 1/4-1/4-SIL.
9063124	VSR L Ø8-Ø8-SIL.

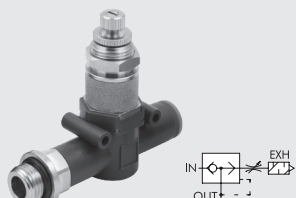
**IN-LINE QUICK-EXHAUST VALVE WITH REGULATED EXHAUST SERIES VSRR L**

**VSRR L PIPE-PIPE**



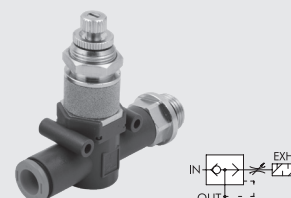
9063501	VSRR L Ø 4-Ø 4 CC
9063516	VSRR L Ø 6-Ø 6 CC
9063524	VSRR L Ø 8-Ø 8 CC

**VSRR L THREAD-PIPE**



9063601	VSRR L M5-Ø 4 CC
9063602	VSRR L 1/8-Ø 4 CC
9063608	VSRR L 1/8-Ø 6 CC
9063609	VSRR L 1/4-Ø 6 CC
9063610	VSRR L 1/8-Ø 8 CC
9063611	VSRR L 1/4-Ø 8 CC
9063612	VSRR L 3/8-Ø 8 CC

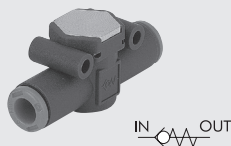
**VSRR L PIPE-THREAD**



9063701	VSRR L Ø 4 M5 CC
9063702	VSRR L Ø 4 1/8 CC
9063708	VSRR L Ø 6 1/8 CC
9063709	VSRR L Ø 6 1/4 CC
9063710	VSRR L Ø 8 1/8 CC
9063711	VSRR L Ø 8 1/4 CC
9063712	VSRR L Ø 8 3/8 CC

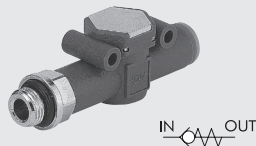
## IN-LINE CHECK VALVE SERIES VNR L

**Code**      **Description**  
VNR L PIPE-PIPE



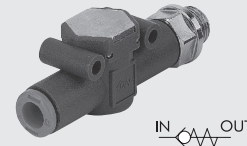
9064001	VNR L Ø4-Ø4
9064016	VNR L Ø6-Ø6
9064016U	VNR L 1/4-1/4
9064024	VNR L Ø8-Ø8

**Code**      **Description**  
VNR L THREAD-PIPE



9064101	VNR L M5-Ø 4
9064102	VNR L 1/8-Ø 4
9064108	VNR L 1/8-Ø 6
9064109	VNR L 1/4-Ø 6
9064110	VNR L 1/8-Ø 8
9064111	VNR L 1/4-Ø 8
9064112	VNR L 3/8-Ø 8

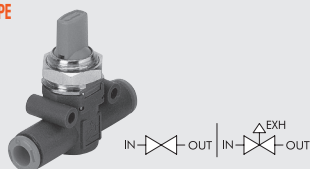
**Code**      **Description**  
VNR L PIPE-THREAD



9064201	VNR L Ø 4-M5
9064202	VNR L Ø 4-1/8
9064208	VNR L Ø 6-1/8
9064209	VNR L Ø 6-1/4
9064210	VNR L Ø 8-1/8
9064211	VNR L Ø 8-1/4
9064212	VNR L Ø 8-3/8

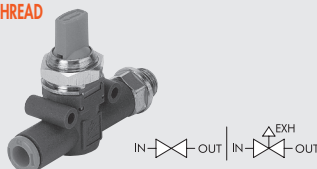
## IN-LINE SHUTOFF VALVE SERIES V2V L AND V3V L

V2V/V3V L PIPE-PIPE



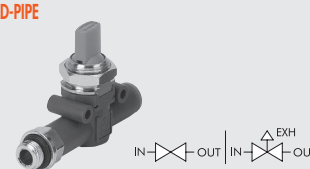
9065016	V2V L Ø6-Ø6
9066016	V3V L Ø6-Ø6
9065016U	V2V L 1/4-1/4
9066016U	V3V L 1/4-1/4
9065024	V2V L Ø8-Ø8
9066024	V3V L Ø8-Ø8

V2V/V3V L PIPE-THREAD



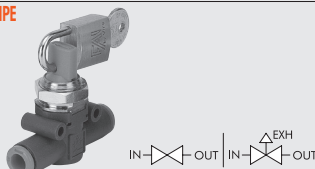
9065208	V2V L Ø 6-1/8
9066208	V3V L Ø 6-1/8
9065209	V2V L Ø 6-1/4
9066209	V3V L Ø 6-1/4
9065210	V2V L Ø 8-1/8
9066210	V3V L Ø 8-1/8
9065211	V2V L Ø 8-1/4
9066211	V3V L Ø 8-1/4
9065212	V2V L Ø 8-3/8
9066212	V3V L Ø 8-3/8

V2V/V3V L THREAD-PIPE



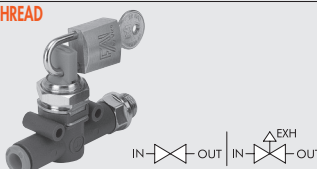
9065408	V2V L 1/8-Ø 6
9066408	V3V L 1/8-Ø 6
9065409	V2V L 1/4-Ø 6
9066409	V3V L 1/4-Ø 6
9065410	V2V L 1/8-Ø 8
9066410	V3V L 1/8-Ø 8
9065411	V2V L 1/4-Ø 8
9066411	V3V L 1/4-Ø 8
9065412	V2V L 3/8-Ø 8
9066412	V3V L 3/8-Ø 8

V2V/V3V L PIPE-PIPE  
PADLOCKED



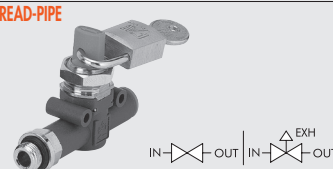
9065116	V2V L Ø6-Ø6 KEY
9066116	V3V L Ø6-Ø6 KEY
9065116U	V2V L 1/4-1/4 KEY
9066116U	V3V L 1/4-1/4 KEY
9065124	V2V L Ø8-Ø8 KEY
9066124	V3V L Ø8-Ø8 KEY

V2V/V3V L PIPE-THREAD  
PADLOCKED



9065308	V2V L Ø 6-1/8 KEY
9066308	V3V L Ø 6-1/8 KEY
9065309	V2V L Ø 6-1/4 KEY
9066309	V3V L Ø 6-1/4 KEY
9065310	V2V L Ø 8-1/8 KEY
9066310	V3V L Ø 8-1/8 KEY
9065311	V2V L Ø 8-1/4 KEY
9066311	V3V L Ø 8-1/4 KEY
9065312	V2V L Ø 8-3/8 KEY
9066312	V3V L Ø 8-3/8 KEY

V2V/V3V L THREAD-PIPE  
PADLOCKED



9065508	V2V L 1/8-Ø 6 KEY
9066508	V3V L 1/8-Ø 6 KEY
9065509	V2V L 1/4-Ø 6 KEY
9066509	V3V L 1/4-Ø 6 KEY
9065510	V2V L 1/8-Ø 8 KEY
9066510	V3V L 1/8-Ø 8 KEY
9065511	V2V L 1/4-Ø 8 KEY
9066511	V3V L 1/4-Ø 8 KEY
9065512	V2V L 3/8-Ø 8 KEY
9066512	V3V L 3/8-Ø 8 KEY

## IN-LINE STOP VALVE SERIES STP L

STP L 2/2 PIPE - PIPE



9065616	STP L Ø 6-Ø 6
9065624	STP L Ø 8-Ø 8

STP L 2/2 PIPE - THREAD




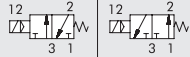
9065808	STP L Ø 6-1/8
9065809	STP L Ø 6-1/4
9065810	STP L Ø 8-1/8
9065811	STP L Ø 8-1/4
9065812	STP L Ø 8-3/8

STP L 2/2 THREAD - PIPE



9065708	STP L 1/8-Ø 6
9065709	STP L 1/4-Ø 6
9065710	STP L 1/8-Ø 8
9065711	STP L 1/4-Ø 8
9065712	STP L 3/8-Ø 8



Code	Description	Code	Description	Code	Description
<b>SOV L 3/2 NC-NO PIPE-THREAD CONVEYED EXHAUST</b>		906M610	SOV L 3/2 NC Ø8-1/8-Ø8 M8		
		9069710	SOV L 3/2 NO Ø8-1/8-Ø8		
		9069611	SOV L 3/2 NC Ø8-1/4-Ø8		
		906M611	SOV L 3/2 NC Ø8-1/4-Ø8 M8		
		9069711	SOV L 3/2 NO Ø8-1/4-Ø8		
		9069612	SOV L 3/2 NC Ø8-3/8-Ø8		
		906M612	SOV L 3/2 NC Ø8-3/8-Ø8 M8		
		9069712	SOV L 3/2 NO Ø8-3/8-Ø8		
9069608	SOV L 3/2 NC Ø6-1/8-Ø6				
906M608	SOV L 3/2 NC Ø6-1/8-Ø6 M8				
9069708	SOV L 3/2 NO Ø6-1/8-Ø6				
9069609	SOV L 3/2 NC Ø6-1/4-Ø6				
906M609	SOV L 3/2 NC Ø6-1/4-Ø6 M8				
9069709	SOV L 3/2 NO Ø6-1/4-Ø6				
9069610	SOV L 3/2 NC Ø8-1/8-Ø8				

**LINK FOR IN-LINE SOLENOID VALVE SERIES SOV L**

"ACCESSORIES" PAGE 198  
"SPARE PARTS" PAGE 200

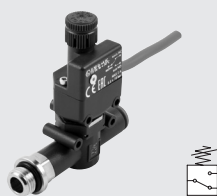


**IN LINE PRESSURE SWITCH SERIES PRS L**

PRS L PIPE-PIPE



PRS L THREAD - PIPE



9070016	PRS L 6-6 CAVO 2M	9070208	PRS L 1/8-6 CAVO 2M		
9070116	PRS L 6-6 CONN. M8	9070308	PRS L 1/8-6 CONN. M8		
9070016U	PRS L Ø1/4-Ø1/4 CAVO 2M	9070209	PRS L 1/4-6 CAVO 2M		
9070116U	PRS L Ø1/4-Ø1/4 CONN. M8	9070309	PRS L 1/4-6 CONN. M8		
9070024	PRS L 8-8 CAVO 2M	9070210	PRS L 1/8-8 CAVO 2M		
9070124	PRS L 8-8 CONN. M8	9070310	PRS L 1/8-8 CONN. M8		
		9070211	PRS L 1/4-8 CAVO 2M		
		9070311	PRS L 1/4-8 CONN. M8		
		9070212	PRS L 3/8-8 CAVO 2M		
		9070312	PRS L 3/8-8 CONN. M8		

**LINK FOR IN LINE PRESSURE SWITCH SERIES PRS L**

"ACCESSORIES" PAGE 198



**LINK FOR LINE ON LINE**

"ACCESSORIES" PAGE 198





## FLOW MICROREGULATOR SERIES COMPACT N and O

**Code**      **Description**      **Quantity**  
**MRF COMPACT "O"**  
**BRASS RING**



9001001C	MRF O M C 4 M5	10
9001110V	MRF O M V 4 M5	10
9001601B	MRF O M B 4 M5	10
9001002C	MRF O M C 5 M5	10
9001113V	MRF O M V 5 M5	10
9001603B	MRF O M B 5 M5	10
9001007C	MRF O M C 6 M5	10
9001105V	MRF O M V 6 M5	10
9001612B	MRF O M B 6 M5	10
9001011C	MRF O M C 4 1/8	10
9001111V	MRF O M V 4 1/8	10
9001602B	MRF O M B 4 1/8	10
9001012C	MRF O M C 5 1/8	10
9001112V	MRF O M V 5 1/8	10
9001604B	MRF O M B 5 1/8	10
9001003C	MRF O M C 6 1/8	10
9001101V	MRF O M V 6 1/8	10
9001605B	MRF O M B 6 1/8	10
9001005C	MRF O M C 8 1/8	10
9001103V	MRF O M V 8 1/8	10
9001607B	MRF O M B 8 1/8	10
9001004C	MRF O M C 6 1/4	10
9001102V	MRF O M V 6 1/4	10
9001606B	MRF O M B 6 1/4	10
9001006C	MRF O M C 8 1/4	10
9001104V	MRF O M V 8 1/4	10
9001608B	MRF O M B 8 1/4	10
9001010C	MRF O M C 8 3/8	10
9001115V	MRF O M V 8 3/8	10
9001611B	MRF O M B 8 3/8	10
9001008C	MRF O M C 10 1/4	10
9001106V	MRF O M V 10 1/4	10
9001609B	MRF O M B 10 1/4	10
9001014C	MRF O M C 12 1/4	10
9001123V	MRF O M V 12 1/4	10
9001623B	MRF O M B 12 1/4	10
9001009C	MRF O M C 10 3/8	10
9001114V	MRF O M V 10 3/8	10
9001610B	MRF O M B 10 3/8	10
9001015C	MRF O M C 12 3/8	10
9001124V	MRF O M V 12 3/8	10
9001624B	MRF O M B 12 3/8	10
9001016C	MRF O M C 12 1/2	10
9001125V	MRF O M V 12 1/2	10
9001625B	MRF O M B 12 1/2	10
9001019C	MRF O M C 14 1/2	10
9001128V	MRF O M V 14 1/2	10
9001628B	MRF O M B 14 1/2	10

**Code**      **Description**      **Quantity**  
**MRF COMPACT "O"**  
**THREADED BRASS RING**



9001020C	MRF O F C 1/8 1/8	10
9001120V	MRF O F V 1/8 1/8	10
9001620B	MRF O F B 1/8 1/8	10
9001021C	MRF O F C 1/4 1/4	10
9001121V	MRF O F V 1/4 1/4	10
9001621B	MRF O F B 1/4 1/4	10
9001022C	MRF O F C 3/8 3/8	10
9001122V	MRF O F V 3/8 3/8	10
9001622B	MRF O F B 3/8 3/8	10
9001023C	MRF O F C 1/2 1/2	10
9001126V	MRF O F V 1/2 1/2	10
9001626B	MRF O F B 1/2 1/2	10

**MRF COMPACT "O"**  
**TECHNOPOLYMER RING**

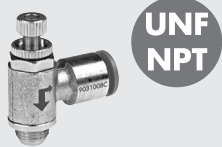




9011001C	MRF O T C 4 M5	10
9011110V	MRF O T V 4 M5	10
9011601B	MRF O T B 4 M5	10
9011007C	MRF O T C 6 M5	10
9011105V	MRF O T V 6 M5	10
9011612B	MRF O T B 6 M5	10
9011011C	MRF O T C 4 1/8	10
9011111V	MRF O T V 4 1/8	10
9011602B	MRF O T B 4 1/8	10
9011003C	MRF O T C 6 1/8	10
9011101V	MRF O T V 6 1/8	10
9011605B	MRF O T B 6 1/8	10
9011005C	MRF O T C 8 1/8	10
9011103V	MRF O T V 8 1/8	10
9011607B	MRF O T B 8 1/8	10
9011004C	MRF O T C 6 1/4	10
9011102V	MRF O T V 6 1/4	10
9011606B	MRF O T B 6 1/4	10
9011006C	MRF O T C 8 1/4	10
9011104V	MRF O T V 8 1/4	10
9011608B	MRF O T B 8 1/4	10
9011008C	MRF O T C 10 1/4	10
9011106V	MRF O T V 10 1/4	10
9011609B	MRF O T B 10 1/4	10
9011014C	MRF O T C 12 1/4	10
9011123V	MRF O T V 12 1/4	10
9011623B	MRF O T B 12 1/4	10
9011009C	MRF O T C 10 3/8	10
9011114V	MRF O T V 10 3/8	10
9011610B	MRF O T B 10 3/8	10
9011015C	MRF O T C 12 3/8	10
9011124V	MRF O T V 12 3/8	10
9011624B	MRF O T B 12 3/8	10
9011016C	MRF O T C 12 1/2	10
9011125V	MRF O T V 12 1/2	10
9011625B	MRF O T B 12 1/2	10

**Code**      **Description**      **Quantity**  
**MRF COMPACT "N"**  
**BRASS RING**



9031001C	MRF N M C 4 M5	10
9031101V	MRF N M V 4 M5	10
9031201B	MRF N M B 4 M5	10
9031003C	MRF N M C 5 M5	10
9031103V	MRF N M V 5 M5	10
9031203B	MRF N M B 5 M5	10
9031005C	MRF N M C 6 M5	10
9031105V	MRF N M V 6 M5	10
9031205B	MRF N M B 6 M5	10
9031002C	MRF N M C 4 1/8	10
9031102V	MRF N M V 4 1/8	10
9031202B	MRF N M B 4 1/8	10
9031004C	MRF N M C 5 1/8	10
9031104V	MRF N M V 5 1/8	10
9031204B	MRF N M B 5 1/8	10
9031006C	MRF N M C 6 1/8	10
9031106V	MRF N M V 6 1/8	10
9031206B	MRF N M B 6 1/8	10
9031008C	MRF N M C 8 1/8	10
9031108V	MRF N M V 8 1/8	10
9031208B	MRF N M B 8 1/8	10
9031007C	MRF N M C 6 1/4	10
9031107V	MRF N M V 6 1/4	10
9031207B	MRF N M B 6 1/4	10
9031009C	MRF N M C 8 1/4	10
9031109V	MRF N M V 8 1/4	10
9031209B	MRF N M B 8 1/4	10
9031010C	MRF N M C 8 3/8	10
9031110V	MRF N M V 8 3/8	10
9031210B	MRF N M B 8 3/8	10
9031011C	MRF N M C 10 1/4	10
9031111V	MRF N M V 10 1/4	10
9031211B	MRF N M B 10 1/4	10
9031014C	MRF N M C 12 1/4	10
9031114V	MRF N M V 12 1/4	10
9031214B	MRF N M B 12 1/4	10
9031012C	MRF N M C 10 3/8	10
9031112V	MRF N M V 10 3/8	10
9031212B	MRF N M B 10 3/8	10
9031015C	MRF N M C 12 3/8	10
9031115V	MRF N M V 12 3/8	10
9031215B	MRF N M B 12 3/8	10
9031016C	MRF N M C 12 1/2	10
9031116V	MRF N M V 12 1/2	10
9031216B	MRF N M B 12 1/2	10
9031019C	MRF N M C 14 1/2	10
9031119V	MRF N M V 14 1/2	10
9031219B	MRF N M B 14 1/2	10

Code	Description	Quantity	Code	Description	Quantity	Code	Description	Quantity
<b>MRF COMPACT "N" BRASS RING - INCH TUBES AND UNF OR NPT THREAD</b>			<b>MRF COMPACT "N" BRASS RING</b>			<b>MRF COMPACT "N" TECHNOLYMER RING</b>		
								
9U31001C	MRF N C 5/32 10/32 UNF	10	9031301C	MRF N F C 1/8 1/8	10	9021001C	MRF N T C 4 M5	10
9U31101V	MRF N V 5/32 10/32 UNF	10	9031401V	MRF N F V 1/8 1/8	10	9021101V	MRF N T V 4 M5	10
9U31201B	MRF N B 5/32 10/32 UNF	10	9031501B	MRF N F B 1/8 1/8	10	9021201B	MRF N T B 4 M5	10
9U31005C	MRF N C 1/4 10/32 UNF	10	9031302C	MRF N F C 1/4 1/4	10	9021005C	MRF N T C 6 M5	10
9U31105V	MRF N V 1/4 10/32 UNF	10	9031402V	MRF N F V 1/4 1/4	10	9021105V	MRF N T V 6 M5	10
9U31205B	MRF N B 1/4 10/32 UNF	10	9031502B	MRF N F B 1/4 1/4	10	9021205B	MRF N T B 6 M5	10
9U31002C	MRF N C 5/32 1/8 NPT	10	9031303C	MRF N F C 3/8 3/8	10	9021002C	MRF N T C 4 1/8	10
9U31102V	MRF N V 5/32 1/8 NPT	10	9031403V	MRF N F V 3/8 3/8	10	9021102V	MRF N T V 4 1/8	10
9U31202B	MRF N B 5/32 1/8 NPT	10	9031503B	MRF N F B 3/8 3/8	10	9021202B	MRF N T B 4 1/8	10
9U31006C	MRF N C 1/4 1/8 NPT	10	9031304C	MRF N F C 1/2 1/2	10	9021006C	MRF N T C 6 1/8	10
9U31106V	MRF N V 1/4 1/8 NPT	10	9031404V	MRF N F V 1/2 1/2	10	9021106V	MRF N T V 6 1/8	10
9U31206B	MRF N B 1/4 1/8 NPT	10	9031504B	MRF N F B 1/2 1/2	10	9021206B	MRF N T B 6 1/8	10
9U31008C	MRF N C 5/16 1/8 NPT	10				9021008C	MRF N T C 8 1/8	10
9U31108V	MRF N V 5/16 1/8 NPT	10				9021108V	MRF N T V 8 1/8	10
9U31208B	MRF N B 5/16 1/8 NPT	10				9021208B	MRF N T B 8 1/8	10
9U31010C	MRF N C 3/8 1/8 NPT	10				9021007C	MRF N T C 6 1/4	10
9U31110V	MRF N V 3/8 1/8 NPT	10				9021107V	MRF N T V 6 1/4	10
9U31201B	MRF N B 3/8 1/8 NPT	10				9021207B	MRF N T B 6 1/4	10
9U31007C	MRF N C 1/4 1/4 NPT	10				9021009C	MRF N T C 8 1/4	10
9U31107V	MRF N V 1/4 1/4 NPT	10				9021109V	MRF N T V 8 1/4	10
9U31207B	MRF N B 1/4 1/4 NPT	10				9021209B	MRF N T B 8 1/4	10
9U31009C	MRF N C 5/16 1/4 NPT	10				9021011C	MRF N T C 10 1/4	10
9U31109V	MRF N V 5/16 1/4 NPT	10				9021111V	MRF N T V 10 1/4	10
9U31209B	MRF N B 5/16 1/4 NPT	10				9021211B	MRF N T B 10 1/4	10
9U31011C	MRF N C 3/8 1/4 NPT	10				9021014C	MRF N T C 12 1/4	10
9U31111V	MRF N V 3/8 1/4 NPT	10				9021114V	MRF N T V 12 1/4	10
9U31211B	MRF N B 3/8 1/4 NPT	10				9021214B	MRF N T B 12 1/4	10
9U31014C	MRF N C 1/2 1/4 NPT	10				9021012C	MRF N T C 10 3/8	10
9U31114V	MRF N V 1/2 1/4 NPT	10				9021112V	MRF N T V 10 3/8	10
9U31214B	MRF N B 1/2 1/4 NPT	10				9021212B	MRF N T B 10 3/8	10
9U31012C	MRF N C 3/8 3/8 NPT	10				9021015C	MRF N T C 12 3/8	10
9U31112V	MRF N V 3/8 3/8 NPT	10				9021115V	MRF N T V 12 3/8	10
9U31212B	MRF N B 3/8 3/8 NPT	10				9021215B	MRF N T B 12 3/8	10
9U31015C	MRF N C 1/2 3/8 NPT	10				9021016C	MRF N T C 12 1/2	10
9U31115V	MRF N V 1/2 3/8 NPT	10				9021116V	MRF N T V 12 1/2	10
9U31215B	MRF N B 1/2 3/8 NPT	10				9021216B	MRF N T B 12 1/2	10
9U31016C	MRF N C 1/2 1/2 NPT	10						
9U31116V	MRF N V 1/2 1/2 NPT	10						
9U31216B	MRF N B 1/2 1/2 NPT	10						

**LINK FOR MRF COMPACT "O"**

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**FLOW MICRO-REGULATOR SERIES MRF HIGH-FLOW**



9025002C	MRF H T C 4 1/8	10	9025109V	MRF H T V 8 1/4	10
9025102V	MRF H T V 4 1/8	10	9025609B	MRF H T B 8 1/4	10
9025602B	MRF H T B 4 1/8	10	9025011C	MRF H T C 10 1/4	10
9025006C	MRF H T C 6 1/8	10	9025111V	MRF H T V 10 1/4	10
9025106V	MRF H T V 6 1/8	10	9025611B	MRF H T B 10 1/4	10
9025606B	MRF H T B 6 1/8	10	9025014C	MRF H T C 12 1/4	10
9025008C	MRF H T C 8 1/8	10	9025114V	MRF H T V 12 1/4	10
9025108V	MRF H T V 8 1/8	10	9025614B	MRF H T B 12 1/4	10
9025608B	MRF H T B 8 1/8	10			
9025007C	MRF H T C 6 1/4	10			
9025107V	MRF H T V 6 1/4	10			
9025607B	MRF H T B 6 1/4	10			
9025009C	MRF H T C 8 1/4	10			



## FLOW MICRO-REGULATOR SERIES MRF PUSH-LOCK

Code	Description	Quantity	Code	Description	Quantity	Code	Description	Quantity
			9026602B	MRF P T B 4 1/8	10	9026009C	MRF P T C 8 1/4	10
			9026006C	MRF P T C 6 1/8	10	9026109V	MRF P T V 8 1/4	10
			9026106V	MRF P T V 6 1/8	10	9026609B	MRF P T B 8 1/4	10
			9026606B	MRF P T B 6 1/8	10	9026011C	MRF P T C 10 1/4	10
			9026008C	MRF P T C 8 1/8	10	9026111V	MRF P T V 10 1/4	10
			9026108V	MRF P T V 8 1/8	10	9026611B	MRF P T B 10 1/4	10
			9026608B	MRF P T B 8 1/8	10	9026014C	MRF P T C 12 1/4	10
9026002C	MRF P T C 4 1/8	10	9026007C	MRF P T C 6 1/4	10	9026114V	MRF P T V 12 1/4	10
9026102V	MRF P T V 4 1/8	10	9026107V	MRF P T V 6 1/4	10	9026614B	MRF P T B 12 1/4	10
			9026607B	MRF P T B 6 1/4	10			



## LINK FOR MRF PUSH-LOCK

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## FLOW MICRO-REGULATOR STAINLESS STEEL SERIES MRFX



9001011CX	MRF O X C Ø4 - 1/8" - AISI 316L	5	9001008CX	MRF O X C Ø10 - 1/4" - AISI 316L	5
9001011VX	MRF O X V Ø4 - 1/8" - AISI 316L	5	9001008VX	MRF O X V Ø10 - 1/4" - AISI 316L	5
9001011BX	MRF O X B Ø4 - 1/8" - AISI 316L	5	9001008BX	MRF O X B Ø10 - 1/4" - AISI 316L	5
9001003CX	MRF O X C Ø6 - 1/8" - AISI 316L	5	9001009CX	MRF O X C Ø10 - 3/8" - AISI 316L	5
9001003VX	MRF O X V Ø6 - 1/8" - AISI 316L	5	9001009VX	MRF O X V Ø10 - 3/8" - AISI 316L	5
9001003BX	MRF O X B Ø6 - 1/8" - AISI 316L	5	9001009BX	MRF O X B Ø10 - 3/8" - AISI 316L	5
9001004CX	MRF O X C Ø6 - 1/4" - AISI 316L	5			
9001004VX	MRF O X V Ø6 - 1/4" - AISI 316L	5			
9001004BX	MRF O X B Ø6 - 1/4" - AISI 316L	5			
9001005CX	MRF O X C Ø8 - 1/8" - AISI 316L	5			
9001005VX	MRF O X V Ø8 - 1/8" - AISI 316L	5			
9001005BX	MRF O X B Ø8 - 1/8" - AISI 316L	5			
9001006CX	MRF O X C Ø8 - 1/4" - AISI 316L	5			
9001006VX	MRF O X V Ø8 - 1/4" - AISI 316L	5			
9001006BX	MRF O X B Ø8 - 1/4" - AISI 316L	5			

## IN-LINE FLOW MICRO-REGULATOR SERIES RFL

RFL U (UNIDIRECTIONAL)



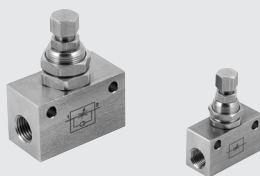
9041001	RFL U M5	10
9041002	RFL U 1/8	10
9041003	RFL U 1/4	10
9041004	RFL U 3/8	5
9041005	RFL U 1/2	5

RFL B (BIDIRECTIONAL)




9041201	RFL B M5	10
9041202	RFL B 1/8	10
9041203	RFL B 1/4	10
9041204	RFL B 3/8	5
9041205	RFL B 1/2	5

## IN-LINE FLOW REGULATOR STAINLESS STEEL SERIES RFLX




9041002X	RFLX/U 1/8" - AISI 316L
9041003X	RFLX/U 1/4" - AISI 316L
9041202X	RFLX/B 1/8" - AISI 316L
9041203X	RFLX/B 1/4" - AISI 316L

## QUICK EXHAUST VALVES SERIES VSR

Code	Description	Quantity	Code	Description	Quantity	Code	Description	Quantity
			<b>Spare gaskets</b> 9151501 Ric. guarniz. VSR 1/8 10 9251501 Ric. guarniz. VSR 1/4 10 9451501 Ric. guarniz. VSR 1/2 10					
9101201	VSR 1/8	20						
9201201	VSR 1/4	10						
9401201	VSR 1/2	5						

## STOP VALVES SERIES STP

			<b>Thread + pipe bidirectional stop valve</b> W6001101002 STP-BX 1/8-1/8 04 10 W6001111012 STP-BX 1/4-1/4 04 10 W6001121022 STP-BX 3/8-3/8 04 10			<b>Unidirectional threaded stop valve</b> W6001001001 STP-U 1/8 108 10 W6001011011 STP-U 1/4 114 10 W6001021021 STP-U 3/8 138 10 W6001031031 STP-U 1/2 112 10 W6001041041 STP-U 3/4 134 5		
<b>Bidirectional threaded stop valve</b> W6001101001 STP-B 1/8 008 10 W6001111011 STP-B 1/4 104 10 W6001121021 STP-B 3/8 138 10 W6001131031 STP-B 1/2 112 10 W6001141041 STP-B 3/4 134 10			<b>Pipe bidirectional stop valve</b> W6001101106 STP-B 1/8 006 10 W6001111106 STP-B 1/4 006 10 W6001111108 STP-B 1/4 008 10 W6001121108 STP-B 3/8 008 10 W6001121110 STP-B 3/8 010 10 W6001131112 STP-B 1/2 012 10			<b>Unidirectional pipe stop valve</b> W6001001106 STP-U 1/8 006 10 W6001011106 STP-U 1/4 006 10 W6001011108 STP-U 1/4 008 10 W6001021108 STP-U 3/8 008 10 W6001021110 STP-U 3/8 010 10 W6001031112 STP-U 1/2 012 10		

## SLIDE VALVES SERIES VCS



W0970050001	VCS 3/2 1/8	10			
W0970050002	VCS 3/2 1/4	10			
W0970050003	VCS 3/2 3/8	10			
W0970050004	VCS 3/2 1/2	10			

## CIRCUIT SELECTOR VALVES SERIES VOR



W3603000001	VOR 1/8	10			
W3603000002	VOR 1/4	5			

## CHECK VALVE SERIES VNR



W3601000001	VNR 1/8	10			
W3601000002	VNR 1/4	10			

## CHECK VALVE STAINLESS STEEL SERIES VNRX

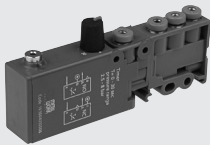


W3601000001X	VNRX 1/8" - AISI 316L	5			
W3601000002X	VNRX 1/4" - AISI 316L	5			
W3601000003X	VNRX 3/8" - AISI 316L	5			
W3601000004X	VNRX 1/2" - AISI 316L	5			

## PNEUMATIC LOGIC

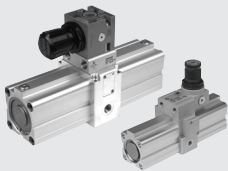
Code	Description	Quantity	Code	Description	Quantity	Code	Description	Quantity
Logic element: OR W3604000001	OR - logic sum	10	Logic element: AND W3604000002	AND - logic product	10			
			Logic element: NOT W3604000003	NOT - Negation	10			
			Logic element: YES W3604000004	YES - Affirmation	10			
			Logic element: MEMORY W3604000005	Memory	10			

## TIMER



W3604000006 Timer 114,89

## AIR-AIR PRESSURE MULTIPLIER (BOOSTER)



PRESSURE MULTIPLIER (Booster Ø 40)  
9002100 Booster Ø 40

PRESSURE MULTIPLIER (Booster Ø 63)  
9002300 Booster Ø 63

PRESSURE MULTIPLIER (Ø 40 Booster with regulator)  
9002200 Booster Ø 40 with regulator

PRESSURE MULTIPLIER (Ø 63 Booster with regulator)  
9002600 Booster Ø 63 with regulator

## LINK FOR AIR-AIR PRESSURE MULTIPLIER (BOOSTER)


"ACCESSORIES BOOSTER/PNEUMO-POWER" PAGE 200  
"SPARE PARTS BOOSTER" PAGE 200


## IN-LINE PROGRESSIVE STARTER VAP 1/4" AND 1/2"





W3606000002 VAP 1/4  
W3606000004 VAP 1/2


## DISTRIBUTION FRAMES AND ROTARY JOINTS


Code	Description	Quantity
<b>4-WAYS DISTRIBUTION FRAME</b>		
		
W0501101001	Distributor FRM-FO-218-0218	
W0501110002	Distributor FRM-FO-214-0214	
W0501121003	Distributor FRM-FO-238-0238	
W0501131004	Distributor FRM-FO-242-0242	


Code	Description	Quantity
<b>DISTRIBUTION FRAME 2-WAYS LINEAR 1/8" OUTLETS</b>		
		
W0502110001	Distributor FRM-LO-224-0218	
W0502121002	Distributor FRM-LO-238-0224	
W0502131002	Distributor FRM-LO-242-0224	


Code	Description	Quantity
<b>DISTRIBUTION FRAME WITH MULTIPLE STRAIGHT 1/4" OUTLETS</b>		
		
W0502121006	Distributor FRM-LO-238-0324	
W0502121008	Distributor FRM-LO-238-0424	
W0502121010	Distributor FRM-LO-238-0524	
W0502121012	Distributor FRM-LO-238-0624	
W0502131006	Distributor FRM-LO-242-0324	
W0502131008	Distributor FRM-LO-242-0424	
W0502131010	Distributor FRM-LO-242-0524	
W0502131012	Distributor FRM-LO-242-0624	


Code	Description	Quantity
<b>DISTRIBUTION FRAME WITH MULTIPLE STRAIGHT 1/8" OUTLETS</b>		
		
W0502110005	Distributor FRM-LO-224-0318	
W0502110007	Distributor FRM-LO-224-0418	
W0502110009	Distributor FRM-LO-224-0518	
W0502110011	Distributor FRM-LO-224-0618	


Code	Description	Quantity
<b>DISTRIBUTION FRAME WITH 2 OPPOSED OUTLETS</b>		
		
W0503111013	Distributor FRM-00-224-1218	
W0503121014	Distributor FRM-00-238-1224	
W0503131014	Distributor FRM-00-042-1224	


Code	Description	Quantity
<b>DISTRIBUTION FRAME WITH 1/8"-1/4" OPPOSED OUTLETS</b>		
		
W0503111015	Distributor FRM-00-224-1318	
W0503111017	Distributor FRM-00-224-1418	
W0503111019	Distributor FRM-00-224-1518	
W0503121016	Distributor FRM-00-238-1324	
W0503121018	Distributor FRM-00-238-1424	
W0503121020	Distributor FRM-00-238-1524	
W0503131016	Distributor FRM-00-242-1324	
W0503131018	Distributor FRM-00-242-1424	
W0503131020	Distributor FRM-00-242-1524	

Code	Description	Quantity
<b>DISTRIBUTOR, Ø 4-6-8 mm</b>		
		
7304106	Distributor 1/8-6 POS. R26 4/2	
7304112	Distributor 1/8-12 POS. R26 4/2	
7306206	Distributor 1/4-6 POS. R26 6/4	
7306212	Distributor 1/4-12 POS. R26 6/4	
7308306	Distributor 3/8-6 POS. R26 8/6	
7308312	Distributor 3/8-12 POS. R26 8/6	

Code	Description	Quantity
<b>SINGLE ROTARY JOINT</b>		
		
W051101101	Joint RTJ-OSG-18-18	
W051102121	Joint RTJ-OSG-24-24	
W051103131	Joint RTJ-OSG-38-38	
W051104141	Joint RTJ-OSG-42-42	
W051105151	Joint RTJ-OSG-54-54	
W051106161	Joint RTJ-OSG-61-61	

Code	Description	Quantity
<b>MULTIPLE ROTARY JOINT</b>		
		
W0513131101	Joint RTJ-MT6-38-18	
W0512131121	Joint RTJ-MT3-38-24	

Code	Description	Quantity
<b>2 INDEPENDENT WAY ROTARY JOINTS</b>		
		
W0514101101	Joint RTJ-22W-18-18	
W0514121121	Joint RTJ-22W-24-24	

Code	Description	Quantity
<b>3 INDEPENDENT WAY ROTARY JOINTS</b>		
		
W0515121121	Joint RTJ-33W-24-24	

## SILENCERS - REGOLATORI DI SCARICO

Code	Description	Quantity
<b>SILENCER MW SC</b>		
		
W0970530001	Silencer MWSC M5	50
W0970530002	Silencer MWSC 1/8	50
W0970530003	Silencer MWSC 1/4	50
W0970530004	Silencer MWSC 3/8	20
W0970530005	Silencer MWSC 1/2	20
W0970530006	Silencer MWSC 3/4	10
W0970530007	Silencer MWSC 1"	10

Code	Description	Quantity
<b>SILENCER MW SCQ</b>		
		
W0970530012	Silencer MWSCQ 1/8	50
W0970530013	Silencer MWSCQ 1/4	50
W0970530014	Silencer MWSCQ 3/8	20
W0970530015	Silencer MWSCQ 1/2	20
W0970530016	Silencer MWSCQ 3/4	10
W0970530017	Silencer MWSCQ 1"	10

Code	Description	Quantity
<b>SILENCER MW SE</b>		
		
W0970530020	Silencer MWSE M7	50
W0970530021	Silencer MWSE M5	50
W0970530022	Silencer MWSE 1/8	50
W0970530023	Silencer MWSE 1/4	50
W0970530024	Silencer MWSE 3/8	20
W0970530025	Silencer MWSE 1/2	20
W0970530026	Silencer MWSE 3/4	10
W0970530027	Silencer MWSE 1"	10

**Code Description Quantity**  
**HIGH CAPACITY-SILENCER MW SL**



W0970530036	Silencer MWSL 3/4	10
W0970530037	Silencer MWSL 1'	10
W0970530038	Silencer MWSL 1' 1/4	5
W0970530039	Silencer MWSL 1' 1/2	5
W0970530040	Silencer MWSL 2'	5

**SILENCER MW STT**



W0970530042	Silencer MWSTT 1/8	50
W0970530043	Silencer MWSTT 1/4	50
W0970530044	Silencer MWSTT 3/8	20
W0970530045	Silencer MWSTT 1/2	20
W0970530046	Silencer MWSTT 3/4	10
W0970530047	Silencer MWSTT 1'	10

**SILENCER MW SFE**



W0970530051	Silencer MWSFE M5	50
W0970530052	Silencer MWSFE 1/8	50
W0970530053	Silencer MWSFE 1/4	50
W0970530054	Silencer MWSFE 3/8	20
W0970530055	Silencer MWSFE 1/2	20
W0970530056	Silencer MWSFE 3/4	10
W0970530057	Silencer MWSFE 1'	10

**Code Description Quantity**  
**SILENCER MW SPL**



W0970530062	Silencer MW SPL 1/8	50
W0970530063	Silencer MW SPL 1/4	50
W0970530064	Silencer MW SPL 3/8	20
W0970530065	Silencer MW SPL 1/2	20
W0970530066	Silencer MW SPL 3/4	10
W0970530067	Silencer MW SPL 1'	10

**SILENCER MW SPL-F**



W0970530072	Silencer MWSPL-F 1/8	50
W0970530073	Silencer MWSPL-F 1/4	50
W0970530074	Silencer MWSPL-F 3/8	20
W0970530075	Silencer MWSPL-F 1/2	20

**SILENCED EXHAUST REGULATOR MW SVE**



W0970520001	Exhaust reg. MWSVE 1/8	50
W0970520002	Exhaust reg. MWSVE 1/4	50
W0970520003	Exhaust reg. MWSVE 3/8	20
W0970520004	Exhaust reg. MWSVE 1/2	20
W0970520005	Exhaust reg. MWSVE 3/4	10
W0970520006	Exhaust reg. MWSVE 1'	10

**Code Description Quantity**  
**SILENCED EXHAUST REGULATOR MW SVL**



W0970520010	Exhaust reg. MWSVL M5	50
W0970520011	Exhaust reg. MWSVL 1/8	50
W0970520012	Exhaust reg. MWSVL 1/4	50
W0970520013	Exhaust reg. MWSVL 3/8	20
W0970520014	Exhaust reg. MWSVL 1/2	20
W0970520015	Exhaust reg. MWSVL 3/4	10
W0970520016	Exhaust reg. MWSVL 1'	10

**EXHAUST REGULATOR MW DSN**



W0970520021	Exhaust reg. MWDSN 1/8 1/8	50
W0970520022	Exhaust reg. MWDSN 1/4 1/8	50
W0970520023	Exhaust reg. MWDSN 3/8 1/4	20
W0970520024	Exhaust reg. MWDSN 1/2 1/4	20

**EXHAUST REGULATOR MW DSE**



W0970520031	Exhaust reg. MWDSE 1/8	50
W0970520032	Exhaust reg. MWDSE 1/4	50

**PNEUMO-POWER**










0251530000	PNEUMO-POWER 50-1 3W 24 VDC
0251550000	PNEUMO-POWER 50-2 7,5W 24 VDC
0251570000	PNEUMO-POWER 50-3 12W 24 VDC

**LINK FOR PNEUMO-POWER**

"ACCESSORIES BOOSTER/PNEUMO-POWER" PAGE 200


## ACCESSORIES


Description Diameter	Code	Qty		LINEONE - SOVL	LINEONE - PRS L	LINEONE - RFL L	LINEONE	MRF COMPACT "O"	MRF PUSH-LOCK
<b>PLUG-IN CONNECTOR</b>									
 Plug-in connector for MACH 11 L= 300	W0970512000			X					
Plug-in connector for MACH 11 L= 1 m	W0970512007			X					
Plug-in connector for MACH 11 L= 2 m	W0970512002			X					
<b>M8 INPUT CONNECTOR</b>									
 M8-M8 straight connector with 3 m cable	0240009009			X					
<b>M8 STRAIGHT CONNECTOR WITH CABLE</b>									
 M8 female 3 PIN HIGH FLEX CL6 connector with cable L= 1 m	02400A0100			X	X				
M8 female 3 PIN HIGH FLEX CL6 connector with cable L= 2.5 m	02400A0250			X	X				
M8 female 3 PIN HIGH FLEX CL6 connector with cable L= 5 m	02400A0500			X	X				
M8 female 3 PIN HIGH FLEX CL6 connector with cable L= 10 m	02400A1000			X	X				
<b>90° M8 CONNECTOR WITH CABLE</b>									
M8 female 3 PIN 90° HIGH FLEX CL6 connector with cable L= 1 m	02400B0100			X					
M8 female 3 PIN 90° HIGH FLEX CL6 connector with cable L= 2.5 m	02400B0250			X					
M8 female 3 PIN 90° HIGH FLEX CL6 connector with cable L= 5 m	02400B0500			X					
M8 female 3 PIN 90° HIGH FLEX CL6 connector with cable L= 10 m	02400B1000			X					
<b>SECURITY KNOB</b>									
 Security knob apr/pressure switch	9200703				X	X			X
<b>FIXING SQUARE KIT</b>									
 SQU L	9062110						X		
<b>U-BOLT</b>									
 TUB L Ø6-Ø6	9062216						X		
TUB L 1/4-1/4	9062216U						X		
TUB L Ø8-Ø8	9062224						X		
<b>RU6 - STEM ADAPTORS</b>									
RU6 Ø5/32 1/4 NPT	2U06001						X		
RU6 Ø5/32 1/8 NPT	2U06002						X		
RU6 Ø5/32 10/32 UNF	2U06003						X		
RU6 Ø1/4 10/32 UNF	2U06000						X		
RU6 Ø1/4 1/8 NPT	2U06007						X		
RU6 Ø1/4 1/4 NPT	2U06008						X		
RU6 Ø1/4 3/8 NPT	2U06020						X		
RU6 Ø5/16 1/4 NPT	2U06009						X		
RU6 Ø5/16 1/8 NPT	2U06010						X		
RU6 Ø5/16 3/8 NPT	2U06011						X		
RU6 Ø3/8 1/2 NPT	2U06012						X		
RU6 Ø3/8 1/4 NPT	2U06013						X		
RU6 Ø3/8 3/8 NPT	2U06022						X		
RU6 Ø1/2 1/2 NPT	2U06014						X		
RU6 Ø1/2 3/8 NPT	2U06015						X		

Description Diameter	Code	Qtà			LINEONLINE - SOV L	LINEONLINE - PRS L	LINEONLINE - RFF L	LINEONLINE	MRF COMPACT "O"	MRF PUSH LOCK
<b>ANTI-TAMPERING CAP</b>										
	Cap MRF O M5	9090001							X	
	Cap MRF O 1/8-1/4	9090002							X	
	Cap MRF O 3/8-1/2	9090003							X	

**SPARE PARTS**

Description Diameter	Code	Qtà								
										LINEONLINE - SOV L

<b>M8 PILOT</b>										
	PLT10 3/2NC 0.8W 24VDC LED M8 man	7222M3541100								X

<b>SET OF GASKETS</b>										
	Set of gaskets for Q240 Booster (includes all gaskets numbered 1 to 17)	9002190								
	Set of gaskets for Q263 Booster (includes all gaskets numbered 1 to 18)	9002390								

## ACCESSORIES BOOSTER/PNEUMO-POWER

Description Diameter	Code	Qtà			BOOSTER	PNEUMO-POWER
<b>M8 CONNECTOR WITH CABLE</b>						
M8 male 3-pin connector with 2.5 metres of cable	0240009053					X
<b>Ø40 REGULATOR UNIT</b>						
Ø 40 regulator unit	9002180				X	
<b>Ø63 REGULATOR UNIT</b>						
Ø 63 regulator unit	9002380				X	
<b>PRESSURE GAUGE</b>						
M 40 1/8 12	9700101				X	
M 40x40 1/8 12	9700110				X	
<b>SILENCER MW SPL-F FOR BOOSTER Ø40</b>						
Silencer MW SPL-F 1/8	W0970530072	50			X	
<b>SILENCER MW SCQ FOR BOOSTER Ø63</b>						
Silencer MW SCQ 3/8	W0970530014	20			X	

## SPARE PARTS BOOSTER

Description Diameter	Code	Qtà			BOOSTER	
<b>SET OF GASKETS</b>						
Set of gaskets for Ø40 Booster (includes all gaskets numbered 1 to 17)	9002190				X	
Set of gaskets for Ø63 Booster (includes all gaskets numbered 1 to 18)	9002390				X	







**CUSTOM ACTUATORS**



\* prices and lots upon request apply to our sales department

**CYLINDERS ACCORDING TO STANDARDS AND VARIANTS**

**ISO 6432 MINI-CYLINDERS**



ISO 6432 MINI-CYLINDER WITH LIMITED REAR HEAD



ISO 6432 MINI-CYLINDER OPPOSING



ISO 6432 MINI-CYLINDER PERFORATED THROUGH-ROD



ISO 6432 MINI-CYLINDERS TWO-FLAT Ø 25



**ISO 15552 CYLINDERS**



ISO 15552 CYLINDER MULTI-POSITION



ISO 15552 CYLINDER LONG INTERNAL CUSHIONING



TANK DERIVED FROM CYLINDER ISO 15552 STD



ISO 15552 CYLINDER WITH MECHANICALLY ADJUSTABLE STROKE



ISO 15552 CYLINDER COMMON OPPOSING PISTON ROD



ISO 15552 CYLINDER WITH THROUGH-ROD AND LOCK



ISO 15552 CYLINDER PERFORATED THROUGH-ROD



ISO 15552 CYLINDER TANDEM THROUGH-ROD



ISO 160-200 LOW FRICTION



**COMPACT CYLINDERS**

COMPACT CYLINDER SERIES CMPC WITH CENTRING RING



COMPACT CYLINDER SERIES CMPC WITH BUILT-IN MALE HINGE





**SHORT-STROKE CYLINDER SERIES SSCY ANTI-ROTATION WITH EXTENDED COLUMNS**



**SHORT-STROKE CYLINDER SERIES SSCY WITH THREADS IN THE LINER**



**SHORT-STROKE CYLINDER SERIES SSCY SINGLE ACTING WITH HINGES**



**SHORT-STROKE CYLINDER SERIES SSCY THROUGH-ROD ANTI-ROTATION**



**OTHER CYLINDER**



**ROUND CYLINDER SERIES SHORT RNDC**



**ROUND CYLINDER SERIES RNDC WITH REDUCED HEAD**



**ROUND CYLINDER SERIES RNDC PERFORATED THROUGH-ROD**



**ROUND CYLINDER SERIES E**



**ACCESSORIES**



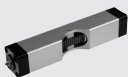
**SHOCK ABSORBERS**



**SPECIAL PISTON RODS**



**CYLINDER ROTARY**



**ISO 1552 CYLINDER ROTARY**



**V-Lock**



**COMPACT PRECISION SLIDE SERIES S14K, WITH INDUCTIVE SENSOR**



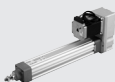
**HYDRAULIC BRAKE**



**HYDRAULIC BRAKE SERIES BRK Ø 40 MM WITH FIXING HOLES TO DISTANCE 40 mm**



**ELECTRIC CYLINDER**



**ELECTRIC CYLINDER SERIES ELEKTRO ISO 1552 WITH ACME SCREW (ACME)**



**ELECTRIC CYLINDER SERIES ELEKTRO ISO 1552 EK WITH DIRECT CURRENT MOTOR**



**FIELDBUS DRIVES FOR STEPPING MOTORS**



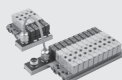


**CUSTOM VALVES**



\* prices and lots upon request apply to our sales department

**VALVES**



**MINIVALVES SERIES VME, MECHANICALLY HAND OPERATED**



**VALVES SERIES 70, HAND OPERATED**



**VALVES SERIES 70, MECHANICALLY OPERATED, 1/8"**



**VALVES SERIES 70 PNEUMATIC**



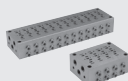
**VALVES SERIES 70, SOLENOID/PNEUMATIC**



**REPOSITIONING FOR VALVES SERIES 70**



**PILOT WITH THROUGH BASE**



**MULTIPLE BASES FOR MACH 18 VALVES**



**VALVES ISO 5599/1, PNEUMATIC SERIES IPV**



**VALVES ISO 5599/1, SOLENOID/PNEUMATIC, SERIES ISV**



**VALVE ISLANDS AND FIELDBUS**



**HDM FOR THE SPLASH AREA**



**MULTIMACH WITH FRONT ATTACHMENT**





CUSTOM UNITS



\* prices and lots upon request apply to our sales department

bit



- bit FILTER WITHOUT FILTERING ELEMENT \*
- bit MICRO-REGULATORS WITH SPECIAL GREASE \*
- bit MICRO-REGULATORS WITH SOME PARTS MISSING \*
- bit MICRO-REGULATORS WITH SAFETY VALVE LOCK \*
- R-FR bit BRACKET CENTRE DISTANCE 40 mm \*

Skillair®



- Skillair® 300 CLEANER WITHOUT FILTERING ELEMENT \*
- Skillair® 200 FILTER-REGULATOR WITH METAL BOWL \*
- Skillair® REGULATOR WITH FOOD INDUSTRY SUITABLE GREASE \*
- Skillair® REGULATORS WITH SPECIAL GREASE \*
- Skillair® SERVO PILOTED PILOT REGULATOR \*
- Skillair® 100 5-POSITION SUB-BASE \*
- Skillair® 100 SHUT-OFF VALVE LOCKABLE IN 2 POSITIONS \*
- OIL CHECK VALVE WITH DRAIN Skillair® 100 \*
- OIL CHECK VALVE Skillair® 200 \*
- OIL CHECK VALVE Skillair® 300 \*



**New deal**



- New deal 1/4" FILTER-REGULATOR WITH NON-REGULATED AIR INTAKE** \*
- New deal FILTERS WITHOUT FILTERING ELEMENT** \*
- New deal 3/8" LUBRICATOR WITH OIL FILLING FROM THE TOP** \*
- New deal BOTTON OIL FILLING LUBRICATOR** \*
- New deal 1/4" AIR INTAKE WITH WALL FIXING** \*
- New deal AIR INTAKE 3/8" - 1/2" SPECIAL** \*
- New deal 1" REGULATOR WITH SPECIAL GREASE** \*
- TANK-BOWL R1/2"** \*
- OIL CHECK VALVE WITH DRAIN New Deal 1/4"** \*
- OIL CHECK VALVE New Deal 3/8"-1/2"** \*
- OIL CHECK VALVE New Deal - ASSEMBLY** \*

**ONE**



- ONE SERIE SAFE AIR<sup>®</sup>** \*

**PRECISION REGULATION AND PRESSURE CONTROL**



- PRE-SET bit** \*
- PRE-SET New Deal AND Skillair<sup>®</sup>** \*
- PRESSURE SWITCH WITH TWO ELECTRIC SIGNALS** \*
- PRESSURE SWITCHES** \*



**CUSTOM FITTINGS AND ACCESSORIES**



\* prices and lots upon request apply to our sales department

**FITTINGS**

**PUSH-IN FITTINGS**



**RL1 Ø6 M7 Ø EXTERNAL 9.95**



**RL34 Ø6 1/8" STAINLESS STEEL**



**FITTING SERIES A, B, C, D**



**FITTINGS SERIE A SPECIAL**



**FITTINGS SERIE B SPECIAL**



**FITTINGS SERIE C SPECIAL**



**FITTINGS SERIE D SPECIAL**



**ACCESSORIES**



**DISTRIBUTOR 14X4/2 - 2X8/6**



**3+1 WAY DISTRIBUTION FRAME 1/8"**



**4-WAY DISTRIBUTION FRAME M12X1.5**



**MINIATURE PRESSURE GAUGES**



