



DUBLUS
PREMIUM



CATALOG PNEUMATICĂ



BPC Conector rapid drept filet exterior


Diametru ØD	Filet (G)				
	M5	1/8	1/4	3/8	1/2
4	BPCM54	BPC184	BPC144	-	-
6	BPCM56	BPC186	BPC146	BPC386	BPC126
8	-	BPC188	BPC148	BPC388	BPC128
10	-	BPC1810	BPC1410	BPC3810	BPC1210
12	-	-	BPC1412	BPC3812	BPC1212
14	-	-	-	BPC3814	BPC1214
16	-	-	-	BPC3816	BPC1216

BPL Conector rapid 90° filet exterior


Diametru ØD	Filet (G)				
	M5	1/8	1/4	3/8	1/2
4	BPLM54	BPL184	BPL144	-	-
6	BPLM56	BPL186	BPL146	BPL386	BPL126
8	-	BPL188	BPL148	BPL388	BPL128
10	-	BPL1810	BPL1410	BPL3810	BPL1210
12	-	-	BPL1412	BPL3812	BPL1212
14	-	-	-	BPL3814	BPL1214
16	-	-	-	BPL3816	BPL1216

BPCF Conector rapid drept filet interior

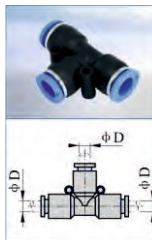

Diametru ØD	Filet (G)				
	M5	1/8	1/4	3/8	1/2
4	BPCFM54	BPCF184	BPCF144	-	-
6	BPCFM56	BPCF186	BPCF146	BPCF386	BPCF126
8	-	BPCF188	BPCF148	BPCF388	BPCF128
10	-	BPCF1810	BPCF1410	BPCF3810	BPCF1210
12	-	-	BPCF1412	BPCF3812	BPCF1212

BPLL Conector rapid 90° alungit filet exterior


Diametru ØD	Filet (G)				
	M5	1/8	1/4	3/8	1/2
4	BPLL54	BPLL184	BPLL144	-	-
6	BPLL56	BPLL186	BPLL146	BPLL386	BPLL126
8	-	BPLL188	BPLL148	BPLL388	BPLL128
10	-	BPLL1810	BPLL1410	BPLL3810	BPLL1210
12	-	-	BPLL1412	BPLL3812	BPLL1212

BPU Conector rapid drept egal

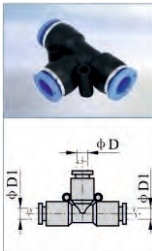

Diametru ØD	COD
4	BPU4
6	BPU6
8	BPU8
10	BPU10
12	BPU12
14	BPU14
16	BPU16

BPE Conector rapid T egal


Diametru ØD	COD
4	BPE4
6	BPE6
8	BPE8
10	BPE10
12	BPE12
14	BPE14
16	BPE16

BPUJ Conector rapid drept redus


Diametru ØD1	Diametru (ØD)				
	4	6	8	10	12
6	BPUJ64	-	-	-	-
8	BPUJ84	BPUJ86	-	-	-
10	-	BPUJ106	BPUJ108	-	-
12	-	-	BPUJ128	BPUJ1210	-
16	-	-	-	-	BPUJ1612

BPEJ Conector rapid T redus


Diametru ØD1	Diametru (ØD)			
	4	6	8	10
6	BPEJ64	-	-	-
8	BPEJ84	BPEJ86	-	-
10	-	BPEJ106	BPEJ108	-
12	-	-	BPEJ128	BPEJ1210

BPY Conector rapid Y egal


Diametru ØD	COD
4	BPY4
6	BPY6
8	BPY8
10	BPY10
12	BPY12

BPGJ Conector rapid drept redus cu plug-in


Diametru ØD1	Diametru (ØD)			
	4	6	8	10
6	BPGJ64	-	-	-
8	BPGJ84	BPGJ86	-	-
10	-	BPGJ106	BPGJ108	-
12	-	BPGJ126	BPGJ128	BPGJ1210

BPYJ Conector rapid Y redus


Diametru ØD1	Diametru (ØD)			
	4	6	8	10
6	BPYJ64	-	-	-
8	BPYJ84	BPYJ86	-	-
10	-	BPYJ106	BPYJ108	-
12	-	-	BPYJ128	BPYJ1210

BPVL Conector rapid 90° egal


Diametru ØD	COD
4	BPVL4
6	BPVL6
8	BPVL8
10	BPVL10
12	BPVL12
14	BPVL14
16	BPVL16

%6 M Regulator debit 90° filet


'L D P H	W U X	Filet (G)				
		M5	1/8	1/4	3/8	1/2
4	BSLM54	BSL184	BSL144	-	-	
6	BSLM56	BSL186	BSL146	BSL386	BSL126	
8	-	BSL188	BSL148	BSL388	BSL128	
10	-	BSL1810	BSL1410	BSL3810	BSL1210	
12	-	-	BSL1412	BSL3812	BSL1212	

BPBM Conector rapid T filet exterior pe mijloc


'L D P H	W U X	Filet (G)				
		M5	1/8	1/4	3/8	1/2
4	BPBM54	BPB184	BPB144	-	-	
6	BPBM56	BPB186	BPB146	BPB386	-	
8	-	BPB188	BPB148	BPB388	BPB128	
10	-	BPB1810	BPB1410	BPB3810	BPB1210	
12	-	-	BPB1412	BPB3812	BPB1212	

BPVG Conector rapid egal 90° cu plug-in


Diametru ØD	COD
4	BPVG4
6	BPVG6
8	BPVG8
10	BPVG10
12	BPVG12

BPD Conector rapid T filet exterior in lateral

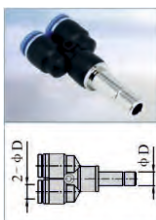

'L D P H	W U X	Filet (G)				
		M5	1/8	1/4	3/8	1/2
4	BPDM54	BPD184	BPD144	-	-	
6	BPDM56	BPD186	BPD146	BPD386	-	
8	-	BPD188	BPD148	BPD388	BPD128	
10	-	BPD1810	BPD1410	BPD3810	BPD1210	
12	-	-	BPD1412	BPD3812	BPD1212	

BPVGJ Conector rapid redus 90° cu plug-in


Diametru ØD1	Diametru (ØD)			
	4	6	8	10
6	BPVGJ64	-	-	-
8	BPVGJ84	BPVGJ86	-	-
10	-	BPVGJ106	BPVGJ108	-
12	-	-	BPVGJ128	BPVGJ1210

BPX Conector rapid Y filet exterior

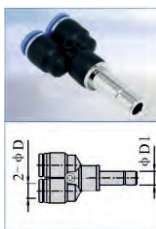

Diametru ØD	Filet (G)				
	M5	1/8	1/4	3/8	1/2
4	BPXM54	BPX184	BPX144	-	-
6	BPXM56	BPX186	BPX146	BPX386	-
8	-	BPX188	BPX148	BPX388	BPX128
10	-	BPX1810	BPX1410	BPX3810	BPX1210
12	-	-	BPX1412	BPX3812	BPX1212

BPYG Conector rapid Y egal cu plug-in


Diametru ØD	COD
4	BPYG4
6	BPYG6
8	BPYG8
10	BPYG10
12	BPYG12

BPH Conector rapid 90° BANJO filet exterior

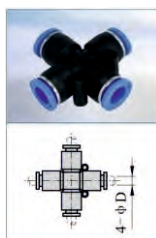

'L D P H	W U X	Filet (G)			
		1/8	1/4	3/8	1/2
4	BPH184	BPH144	-	-	
6	BPH186	BPH146	BPH386	BPH126	
8	BPH188	BPH148	BPH388	BPH128	
10	BPH1810	BPH1410	BPH3810	BPH1210	
12	-	BPH1412	BPH3812	BPH1212	

BPYGJ Conector rapid Y redus cu plug-in


Diametru ØD1	Diametru (ØD)			
	4	6	8	10
6	BPYGJ64	-	-	-
8	BPYGJ84	BPYGJ86	-	-
10	-	BPYGJ106	BPYGJ108	-
12	-	-	BPYGJ128	BPYGJ1210

BPH2 Conector rapid 90° BANJO dublu filet exterior


'L D P H	W U X	Filet (G)			
		1/8	1/4	3/8	1/2
4	BPH2184	BPH2144	-	-	
6	BPH2186	BPH2146	BPH2386	BPH2126	
8	BPH2188	BPH2148	BPH2388	BPH2128	
10	BPH21810	BPH21410	BPH23810	BPH21210	
12	-	BPH21412	BPH23812	BPH21212	

BPZA Conector rapid in cruce


Diametru ØD	COD
4	BPZA4
6	BPZA6
8	BPZA8
10	BPZA10
12	BPZA12

%3 + & RQHFWRU UD SLG f % \$1-2 WULSOX ÷ OHW

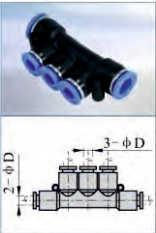

'L D P H	W U X	Filet (G)		
		1/8	3/8	1/2
4	BPH3184	BPH3144	-	-
6	BPH3186	BPH3146	BPH3386	BPH3126
8	BPH3188	BPH3148	BPH3388	BPH3128
10	BPH31810	BPH31410	BPH33810	BPH31210
12	-	BPH31412	BPH33812	BPH31212

BPM Conector rapid de panou


Diametru ØD	COD
4	BPM4
6	BPM6
8	BPM8
10	BPM10
12	BPM12

BPP Dop pentru cupla push-in

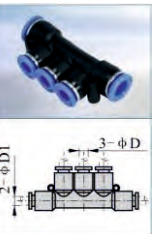

Diametru ØD	COD
4	BPP4
6	BPP6
8	BPP8
10	BPP10
12	BPP12

BPK Conector rapid egal cu 3 iesiri


Diametru ØD	COD
4	BPK4
6	BPK6
8	BPK8
10	BPK10

BPPF Dop push-in pentru furtun

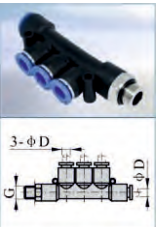

Diametru ØD	COD
4	BPPF 4
6	BPPF 6
8	BPPF 8
10	BPPF 10
12	BPPF 12

BPKJ Conector rapid redus cu 3 iesiri


Diametru ØD	Diametru (ØD)		
	4	6	8
6	BPKJ64	-	-
8	BPKJ84	BPKJ86	-
10	-	BPKJ106	BPKJ108

BSLM Amortizor de zgomot compact


Filet (G)	COD
M5	BSLM-M5
1/8	BSLM-18
1/4	BSLM-14
3/8	BSLM-38
1/2	BSLM-12
3/4	BSLM-34
1	BSLM-1

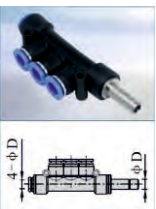
BPKD Conector rapid egal 3 iesiri filet exterior lateral


Diametru ØD	Filet (G)				
	M5	1/8	1/4	3/8	1/2
4	BPKDM54	BPKD184	BPKD144	-	-
6	BPKDM56	BPKD186	BPKD146	BPKD386	-
8	-	BPKD188	BPKD148	BPKD388	BPKD128
10	-	BPKD1810	BPKD1410	BPKD3810	BPKD1210

De modificat cu totul

BSL Amortizor de zgomot

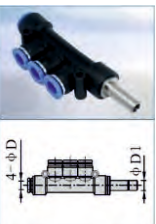

Filet (G)	COD
M5	BSL-M5
1/8	BSL-18
1/4	BSL-14
3/8	BSL-38
1/2	BSL-12
3/4	BSL-34
1	BSL-1

BPJ Conector rapid egal cu 3 iesiri cu plug-in


Diametru ØD	COD
4	BPJ4
6	BPJ6
8	BPJ8
10	BPJ10

BSLW Amortizor de zgomot cu reglaj deBit aer refulat


Filet (G)	COD
1/8	BSLW - 1/8"
1/4	BSLW - 1/4"
3/8	BSLW - 3/8"
1/2	BSLW - 1/2"
3/4	BSLW - 3/4"
1	BSLW - 1"

BPJJ Conector rapid redus cu 3 iesiri cu plug-in


Diametru ØD1	Diametru (ØD)		
	4	6	8
6	BPJJ64	-	-
8	BPJJ84	BPJJ86	-
10	-	BPJJ106	BPJJ108

BPSU Amortizor de zgomot plastic 5 microni


Filet (G)	COD
M5	BPSU-M5
1/8	BPSU-18
1/4	BPSU-14
3/8	BPSU-38
1/2	BPSU-12

BSA Regulator deBit pe furtun


Diametru ØD	COD
4	BSA4
6	BSA6
8	BSA8
10	BSA10
12	BSA12

BPSL Amortizor de zgomot plastic

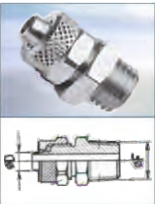

Filet (G)	COD
M5	BPSL-M5
1/8	BPSL-18
1/4	BPSL-14
3/8	BPSL-38
1/2	BPSL-12

BPXG Conector in Y cu iesiri multiple

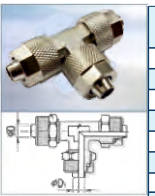

Diametru ØD	COD	
8-6	BPXG 8-6	

BPCM Conector rapid drept metalic filet exterior

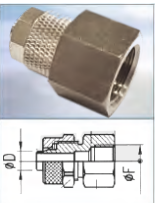

Diametru ØD	Filet (G)					
	M5	1/8	1/4	3/8	1/2	
4	BPCM M5-4	BPCM 184	BPCM 144	-	-	
6	BPCM M5-6	BPCM 186	BPCM 146	BPCM 386	BPCM 126	
8	-	BPCM 188	BPCM 148	BPCM 388	BPCM128	
10	-	BPCM 1810	BPCM 1410	BPCM 3810	BPCM 1210	
12	-	-	BPCM 1412	BPCM 3812	BPCM 1212	

RC-3010 - Conector rapid drept metalic push-on filet exterior


Diametru ØD	Filet (G)			
	1/8	1/4	3/8	1/2
4X2,5	RC3010/1	-	-	-
6X4	RC3010/2	RC3010/3	-	-
8X6	RC3010/5	RC3010/6	RC3010/7	-
10X8	-	RC3010/9	RC3010/10	RC3010/11
10X6,5	-	RC3010/9A	RC3010/10A	RC3010/11A
12x8	-	-	RC3010/12A	RC3010/14
12X10	-	-	RC3010/12	RC3010/13

RC-3140 - Conector rapid "T" metalic push-on


Diametru ØD	COD	
4X2,5	RC3140/1	
6X4	RC3140/2	
8X6	RC3140/3	
10X8	RC3140/5	
10X6,5	RC3140/7	
12X10	RC3140/8	
6X4 - 4X2,5	RC3140/0	
8X6 - 6X4	RC3140/4	

RC-3015 - Conector rapid drept metalic push-on filet interior


Diametru ØD	Filet (G)			
	1/8	1/4	3/8	1/2
4X2,5	RC3015/1	-	-	-
6X4	RC3015/2	RC3015/3	RC3015/4	-
8X6	RC3015/5	RC3015/6	RC3015/7	-
10X8	-	RC3015/9	RC3015/10	RC3015/11
12X10	-	-	RC3015/12	-

BPCVU Supapa de sens pe furtun


Diametru ØD	COD	
4	BPCVU4	
6	BPCVU6	
8	BPCVU8	
10	BPCVU10	
12	BPCVU12	

Supapa de sens cu filete interioare


COD	Denumire
11.001.4	Supapa de sens FI 1/4" NBR
RV460014V	Supapa de sens FI 1/4" Viton
RV460012	Supapa de sens FI 1/2" Viton

BPOC - Conector rapid drept corp rotund filet exterior


Diametru ØD	Filet (G)				
	M5	1/8	1/4	3/8	1/2
4	BPOCM54	BPOC184	BPOC144	-	-
6	BPOCM56	BPOC186	BPOC146	BPOC386	BPOC126
8	-	BPOC188	BPOC148	BPOC388	BPOC128
10	-	BPOC1810	BPOC1410	BPOC3810	BPOC1210
12	-	-	BPOC1412	BPOC3812	BPOC1212

BPLT Conector rapid 90° metalic filet exterior


Diametru ØD	Filet (G)				
	M5	1/8	1/4	3/8	1/2
4	BPLT M5-4	BPLT 184	BPLT 144	BPLT 384	-
6	BPLT M5-6	BPLT 186	BPLT 146	BPLT 386	BPLT 126
8	-	BPLT 188	BPLT 148	BPLT 388	BPLT 128
10	-	BPLT 1810	BPLT 1410	BPLT 3810	BPLT 1210
12	-	-	BPLT 1412	BPLT 3812	BPLT 1212

RC-3020 - Conector rapid 90° metalic push-on filet exterior


Diametru ØD	Filet (G)			
	1/8	1/4	3/8	1/2
4X2,5	RC3020/1	-	-	-
6X4	RC3020/2	RC3020/3	-	-
8X6	RC3020/5	RC3020/6	RC3020/7	-
10X8	-	RC3020/9	RC3020/10	RC3020/11
10X6,5	-	RC3020/9A	RC3020/10A	RC3020/11A
12X8	-	-	RC3020/12A	RC3020/14
12X10	-	-	RC3020/12	RC3020/13

RC-3100 - Conector rapid drept metalic push-on de legatura


Diametru ØD	COD	
4X2,5	RC3100/1	
6X4	RC3100/2	
8X6	RC3100/3	
10X8	RC3100/5	
10X6,5	RC3100/6	
12X10	RC3100/7	
6X4 - 4X2,5	RC3100/0	
8X6 - 6X4	RC3100/4	

BHVA Valva 3/2 cu exhaustare


Diametru ØD	COD	
4	BHVA4	
6	BHVA6	
8	BHVA8	
10	BHVA10	
12	BHVA12	

BHVV RoBinet pe furtun schema 2/2


Diametru ØD	COD	
4	BHVV4	
6	BHVV6	
8	BHVV8	
10	BHVV10	
12	BHVV12	

Presostate compresoare


Cod	Denumire
PRM4	Presostat compresor monofazic 220V
PT020002	Presostat compresor trifazic 380V

Uleiuri


Cod	Denumire
DICREEA100	Ulei pentru compresor cu piston Agip Dicreea 100
ASP-C32	Ulei pentru scule si instalatii pneumatice Agip ASP-C32

Presostate reglabile


Cod	Denumire
PRS 1C	Presostat reglabil 1-10 bar normal inchis
PRS 1A	Presostat reglabil 1-10 bar normal deschis

Taietoare furtun


Cod	Denumire
BPTC	Taietor pentru furtun - mic - furtun maxim Ø12
701100	Taietor pentru furtun - mediu - furtun maxim Ø16
ART106	Taietor pentru furtun - mare furtun maxim Ø24

Supape de sens pentru compresor


Cod	Denumire
RV143838	Supapa de sens compresor 3/8" - 3/8"
RV141238	Supapa de sens compresor 1/2" - 3/8"
RV141212	Supapa de sens compresor 1/2" - 1/2"

Scule pneumatice


Cod	Denumire
6200.01	Pistol de vopsit rezervor jos
6100.01	Pistol de vopsit rezervor sus
PA280001	Pistol de spalat rezervor jos
PA220001	Pistol de spalat rezervor jos
61/AC	Pistol de spalat cu stut pentru furtun

Supape de siguranta


Cod	Denumire
RV100614	Supapa de siguranta 6 bar 1/4"
RV100814	Supapa de siguranta 8 bar 1/4"
RV101114	Supapa de siguranta 11 bar 1/4"
RV101238	Supapa de siguranta 12 bar 3/8"
RV101212	Supapa de siguranta 12 bar 1/2"
E 1000/1	Supapa de siguranta reglabila 0-10 bar 1/4"

Supape exhaustare rapida

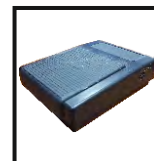

Cod	Denumire
08.180.4	Supapa exhaustare rapida 1/8"
08.181.4	Supapa exhaustare rapida 1/4"
VR40064	Supapa exhaustare rapida 3/8"
36.625.0	Supapa exhaustare rapida 1/2"

Coliere


Cod	Denumire
COL 8-12	Colier de strangere 8-12
COL 10-16	Colier de strangere 10-16
COL 12-20	Colier de strangere 12-20
COL 20-32	Colier de strangere 20-32

Distribuitoare cu levier


Cod	Denumire
VM4010105302	Distribuitoare cu levier sus 5/2
VM4010105202	1/4" Distribuitoare cu levier sus 5/2

Pedale electrice


Cod	Denumire
01.159.4	Minipedala electrica

112 Cupla rapida mama Ø7,2 mm


Cod	Denumire
112/1	Cupla rapida mama FE 1/4"
112/2	Cupla rapida mama FE 3/8"
112/3	Cupla rapida mama FE 1/2"
112/A1	Cupla rapida mama FI 1/4"
112/A2	Cupla rapida mama FI 3/8"
112/A3	Cupla rapida mama FI 1/2"
112/D1	Cupla rapida mama cu arc pentru furtun spiralat Ø4xØ6
112/D2	Cupla rapida mama cu arc pentru furtun spiralat Ø6xØ8
112/D3	Cupla rapida mama cu arc pentru furtun spiralat Ø8xØ10
112/C1	Cupla rapida mama cu stut furtun Ø6
112/C2	Cupla rapida mama cu stut furtun Ø8
112/C3	Cupla rapida mama cu stut furtun Ø10

113 Cupla rapida tata Ø7,2 mm


Cod	Denumire
113/1	Cupla rapida tata FE 1/4"
113/2	Cupla rapida tata FE 3/8"
113/3	Cupla rapida tata FE 1/2"
113/A1	Cupla rapida tata FI 1/4"
113/A2	Cupla rapida tata FI 3/8"
113/A3	Cupla rapida tata FI 1/2"
113/D1	Cupla rapida tata cu arc pentru furtun spiralat Ø4XØ6
113/D3	Cupla rapida tata cu arc pentru furtun spiralat Ø6XØ8
113/D4	Cupla rapida tata cu arc pentru furtun spiralat Ø8XØ10
113/D7	Cupla rapida tata cu arc pentru furtun spiralat Ø10XØ12
113/C1	Cupla rapida tata cu stut furtun Ø6
113/C2	Cupla rapida tata cu stut furtun Ø8
113/C3	Cupla rapida tata cu stut furtun Ø10
113/C4	Cupla rapida tata cu stut furtun Ø14

57 Racord fix filet exterior cu arc pentru furtun


Cod	Denumire
57/B1	Racord cu FE 1/4 cu arc pentru furtun Ø6XØ8
57/B2	Racord cu FE 1/4 cu arc pentru furtun Ø8XØ10
57/D1	Racord cu FE 1/4 cu arc pentru furtun Ø5XØ8
57/D2	Racord cu FE 1/4 cu arc pentru furtun Ø6.5XØ10
57/D3	Racord cu FE 1/4 cu arc pentru furtun Ø8XØ12
57/D7	Racord cu FE 3/8 cu arc pentru furtun Ø6.5X Ø10
57/D8	Racord cu FE 3/8 cu arc pentru furtun Ø8XØ12

57/C Racord rotativ filet exterior cu arc pentru furtun


Cod	Denumire
57/C1	Racord rotativ FE 1/4" cu arc pentru furtun Ø4x6
57/C3	Racord rotativ FE 1/4" cu arc pentru furtun Ø6x8
57/C4	Racord rotativ FE 1/4" cu arc pentru furtun Ø6.5x10
57/C5	Racord rotativ FE 1/4" cu arc pentru furtun Ø8x10
57/C14	Racord rotativ FE 3/8" cu arc pentru furtun Ø10x12

Cuple rapide mama MAGNUM Ø13mm


Cod	Denumire
4000/2	Cupla rapida mama Magnum FE 1/2"
4000/A2	Cupla rapida mama Magnum FI 1/2"
4000/C2	Cupla rapida mama Magnum cu stut Ø13

Cuple rapide tata MAGNUM Ø13mm


Cod	Denumire
4100/2	Cupla rapida tata Magnum FE 1/2"
4100/A2	Cupla rapida tata Magnum FI 1/2"
4100/C2	Cupla rapida tata Magnum cu stut Ø13

E541 Cuple rapide mama mini Ø5mm


Cod	Denumire
E541	Cupla rapida mama mini FE 1/8"

E544 Cuple rapide tata mini Ø5mm


Cod	Denumire
E544	Cupla rapida tata mini FE 1/8"

5820-V2 Racord Y alama cu 2 cuple rapide mama


Cod	Denumire
5820-V2	Racord Y alama cu 2 cuple rapide mama FI 3/8

5820-V3 Racord Y alama cu 3 cuple rapide mama


Cod	Denumire
5820-V3	Racord Y alama cu 3 cuple rapide mama FI 3/8

60A Pistol aer tija scurta


Cod	Denumire
60A	Pistol aer tija scurta + cupla rapida tata

60A/P Pistol aer progresiv


Cod	Denumire
60A/P	Pistol aer progresiv

60B Pistol aer tija lunga


Cod	Denumire
60B	Pistol aer tija lunga + cupla rapida tata

60D Pistol de umflat roti cu manometru


Cod	Denumire
60D	Pistol de umflati roti cu manometru Ø60 0-12 Bar

BPUT Furtun poliuretán - temperatura de lucru -20° +60°


COD	Denumire	Presiune lucru	Presiune spargere
BPUT4X2,5	Furtun poliuretán 4x2,5	15 Bar	46 Bar
BPUT6X4	Furtun poliuretán 6x4	13 Bar	40 Bar
BPUT8X5,5	Furtun poliuretán 8x5,5	12 Bar	37 Bar
BPUT10X6,5	Furtun poliuretán 10x6,5	14 Bar	42 Bar
BPUT12X8	Furtun poliuretán 12x8	13 Bar	40 Bar
BPUT14X10	Furtun poliuretán 14x10	14 Bar	42 Bar
BPUT16X12	Furtun poliuretán 16x12	12 Bar	37 Bar

PA Furtun poliamida - temperatura de lucru -40° +80°


COD	Denumire	Presiune lucru	Presiune spargere
PA 2X4	Furtun poliamida Ø2XØ4	44 Bar	133 Bar
PA 4X6	Furtun poliamida Ø4XØ6	27 Bar	80 Bar
PA 6X8	Furtun poliamida Ø6XØ8	19 Bar	57 Bar
PA 8X10	Furtun poliamida Ø8XØ10	15 Bar	44 Bar
PA 10X12	Furtun poliamida Ø10XØ12	21 Bar	64 Bar
PA 12X16	Furtun poliamida Ø12XØ16	19 Bar	57 Bar

PA66 Furtun PA66 NYLON - temperatura de lucru 0° +100°


COD	Denumire	Presiune lucru	Presiune spargere
TN 66 2X4	Furtun PA66 NYLON 2X4	100 Bar	300 Bar
TN 66 4X6	Furtun PA66 NYLON 4X6	60 Bar	180 Bar
TN 66 6X8	Furtun PA66 NYLON 6X8	43 Bar	129 Bar
TN 66 8X10	Furtun PA66 NYLON 8X10	33 Bar	100 Bar

TPHD Furtun polietilena alimentár - temperatura de lucru -10° +60°


COD	Denumire	Presiune lucru	Presiune spargere
TPHD 2.5X4	Furtun polietilena Ø2,5XØ4	38 Bar	115 Bar
TPHD 4X6	Furtun polietilena Ø4XØ6	33 Bar	100 Bar
TPHD 6X8	Furtun polietilena Ø6XØ8	24 Bar	71 Bar
TPHD 8X10	Furtun polietilena Ø8XØ10	19 Bar	56 Bar
TPHD 10X12	Furtun polietilena Ø10XØ12	21 Bar	64 Bar

PTFE Furtun teflon - temperatura de lucru -60° +260°


COD	Denumire	Presiune lucru	Presiune spargere
PTFE 2X4	Furtun teflon 2X4	20 Bar	60 Bar
PTFE 4X6	Furtun teflon 4X6	13 Bar	40 Bar
PTFE 6X8	Furtun teflon 6X8	10 Bar	30 Bar
PTFE 8X10	Furtun teflon 8X10	8 Bar	24 Bar
PTFE 10X12	Furtun teflon 10X12	7 Bar	20 Bar

TS Furtun silicón - temperatura de lucru -60° +200°


COD	Denumire
TS 2X4	Furtun silicón 2X4
TS 4X6	Furtun silicón 4X6
TS 6X8	Furtun silicón 6X8
TS 8X10	Furtun silicón 8X10

TK 2800 - Furtun Kynarflex 2800 - substante chimice temperatura -40° +90°


COD	Denumire	Presiune lucru	Presiune spargere
TK 2X4	Furtun Kynarflex 2800 2X4	56 Bar	167 Bar
TK 4X6	Furtun Kynarflex 2800 4X6	33 Bar	100 Bar
TK 6X8	Furtun Kynarflex 2800 6X8	24 Bar	71 Bar
TK 8X10	Furtun Kynarflex 2800 8X10	19 Bar	56 Bar
TK 10X12	Furtun Kynarflex 2800 10x12	15 Bar	45 Bar

PVDF 4000 - Furtun Kynar 4000 - substante chimice - temperatura -40° +100°

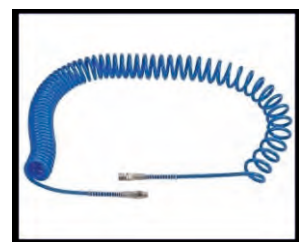

COD	Denumire	Presiune lucru	Presiune spargere
PVDF 2X4	Furtun Kynar 4000 2X4	78 Bar	233 Bar
PVDF 4X6	Furtun Kynar 4000 4X6	47 Bar	140 Bar
PVDF 6X8	Furtun Kynar 4000 6X8	33 Bar	100 Bar
PVDF 8X10	Furtun Kynar 4000 8X10	26 Bar	78 Bar
PVDF 10X12	Furtun Kynar 4000 10X12	21 Bar	64 Bar

Furtun spiralat rilsán capete FE 1/4


COD	Denumire
SR6X8-5	Furtun spiralat Ø6XØ8 L=5m FE 1/4 la capete
SR6X8-10	Furtun spiralat Ø6XØ8 L=10m FE 1/4 la capete
SR6X8-15	Furtun spiralat Ø6XØ8 L=15m FE 1/4 la capete
SR6X8-20	Furtun spiralat Ø6XØ8 L=20m FE 1/4 la capete
SR6X8-30	Furtun spiralat Ø6XØ8 L=30m FE 1/4 la capete
SR8X10-5	Furtun spiralat Ø8XØ10 L=5m FE 1/4 la capete
SR8X10-10	Furtun spiralat Ø8XØ10 L=10m FE 1/4 la capete
SR8X10-15	Furtun spiralat Ø8XØ10 L=15m FE 1/4 la capete
SR8X10-20	Furtun spiralat Ø8XØ10 L=20m FE 1/4 la capete
SR8X10-30	Furtun spiralat Ø8XØ10 L=30m FE 1/4 la capete

Furtun spiralat rilsán + cuple rapide mama tata


COD	Denumire
SRUR6-5	Furtun spiralat Ø6XØ8 L=5m ec. cupla mama/tata
SRUR6-10	Furtun spiralat Ø6XØ8 L=10m ec. cupla mama/tata
SRUR6-15	Furtun spiralat Ø6XØ8 L=15m ec. cupla mama/tata
SRUR6-20	Furtun spiralat Ø6XØ8 L=20m ec. cupla mama/tata
SRUR6-30	Furtun spiralat Ø6XØ8 L=30m ec. cupla mama/tata
SRUR8-5	Furtun spiralat Ø8XØ10 L=5m ec. cupla mama/tata
SRUR8-10	Furtun spiralat Ø8XØ10 L=10m ec. cupla mama/tata
SRUR8-15	Furtun spiralat Ø8XØ10 L=15m ec. cupla mama/tata
SRUR8-20	Furtun spiralat Ø8XØ10 L=20m ec. cupla mama/tata
SRUR8-30	Furtun spiralat Ø8XØ10 L=30m ec. cupla mama/tata

Furtun spiralat poliuretán spira mica


SR	Ø80	Ø55	BU	10	1
Tip furtun	Ø exterior	Ø interior	Culoare	Lungime	Capete
Furtun spiralat poliuretán	Ø80: 8.0mm	Ø55: 5.5mm	BU: Albastru	100: 10m 120: 12m 150: 15m	1: Fara cuple 2: FE 1/4 3: Cuple rapide mama tata

CRT Furtun PVC cu insertie textilá


COD	Denumire	Presiune de lucru
CRT6X12	Furtun PVC cu insertie textilá Ø6XØ12	16 Bar
CRT8X14	Furtun PVC cu insertie textilá Ø8XØ14	15 Bar
CRT10X16	Furtun PVC cu insertie textilá Ø10XØ16	14 Bar
CRT13X19	Furtun PVC cu insertie textilá Ø13XØ19	11 Bar
CRT19X26	Furtun PVC cu insertie textilá Ø19XØ26	11 Bar
CRT25X33	Furtun PVC cu insertie textilá Ø25XØ33	11 Bar

CRTA Furtun cauciuc 20 Bar


COD	Denumire	Presiune de lucru
CRTA6X12	Furtun de cauciuc 6X12	20 Bar
CRTA8X15	Furtun de cauciuc 8X15	20 Bar
CRTA10X18	Furtun de cauciuc 10X18	20 Bar
CRTA13X21	Furtun de cauciuc 13X21	20 Bar

1216 Reducție inversa alama nichelata


Cod	Denumire
1216/3	Reducție inversa alama nichelata FI 1/4 - FE 1/8
1216/4	Reducție inversa alama nichelata FI 3/8 - FE 1/8
1216/6	Reducție inversa alama nichelata FI 3/8 - FE 1/4
1216/7	Reducție inversa alama nichelata FI 1/2 - FE 1/4
1216/9	Reducție inversa alama nichelata FI 1/2 - FE 3/8
1216/11	Reducție inversa alama nichelata FI 3/4 - FE 3/8
1216/12	Reducție inversa alama nichelata FI 3/4 - FE 1/2

1219 Niplu egal alama nichelata


Cod	Denumire
1219/1	Niplu egal alama nichelata FE 1/8
1219/2	Niplu egal alama nichelata FE 1/4
1219/3	Niplu egal alama nichelata FE 3/8
1219/4	Niplu egal alama nichelata FE 1/2
1219/5	Niplu egal alama nichelata FE 3/4

1225 Mufa egala alama nichelata


Cod	Denumire
1225/2	Mufa egala alama nichelata FI 1/8
1225/3	Mufa egala alama nichelata FI 1/4
1225/4	Mufa egala alama nichelata FI 3/8
1225/5	Mufa egala alama nichelata FI 1/2

1238 Prelungitor alama nichelata


Cod	Denumire
1238/1	Prelungitor alama nichelata L=16mm G1/8
1238/2	Prelungitor alama nichelata L=36mm G1/8
1238/3	Prelungitor alama nichelata L=27mm G1/4
1238/4	Prelungitor alama nichelata L=43mm G1/4

1249 Racord L (90°) alama nichelata FI - FI


Cod	Denumire
1249/1	Racord L egal alama nichelata FI 1/8
1249/2	Racord L egal alama nichelata FI 1/4
1249/3	Racord L egal alama nichelata FI 3/8
1249/4	Racord L egal alama nichelata FI 1/2

1251 Racord T alama nichelata FI - FI - FI


Cod	Denumire
1251/1	Racord T egal alama nichelata FI 1/8
1251/2	Racord T egal alama nichelata FI 1/4
1251/3	Racord T egal alama nichelata FI 3/8
1251/4	Racord T egal alama nichelata FI 1/2

1253 Racord T alama nichelata FE - FI - FI


Cod	Denumire
1253/1	Racord T alama nichelata FE - FI - FI 1/8
1253/2	Racord T alama nichelata FE - FI - FI 1/4
1253/3	Racord T alama nichelata FE - FI - FI 3/8
1253/4	Racord T alama nichelata FE - FI - FI 1/2

1233 Stut furtun alama nichelata filet exterior


Cod	Denumire
1233/1	Stut furtun Ø6 alama nichelata FE 1/8
1233/2	Stut furtun Ø6 alama nichelata FE 1/4
1233/3	Stut furtun Ø8 alama nichelata FE 1/8
1233/4	Stut furtun Ø8 alama nichelata FE 1/4
1233/5	Stut furtun Ø8 alama nichelata FE 3/8
1233/6	Stut furtun Ø10 alama nichelata FE 3/8
1233/7	Stut furtun Ø10 alama nichelata FE 1/2
1233/8	Stut furtun Ø10 alama nichelata FE 1/4
1233/9	Stut furtun Ø14 alama nichelata FE 1/2
1233/16	Stut furtun Ø12 alama nichelata FE 1/2

1217 Reducție ingropata alama nichelata


Cod	Denumire
1217/1	Reducție ingropata alama nichelata FI 1/8 - FE 1/4
1217/2	Reducție ingropata alama nichelata FI 1/8 - FE 3/8
1217/3	Reducție ingropata alama nichelata FI 1/8 - FE 1/2
1217/4	Reducție ingropata alama nichelata FI 1/4 - FE 3/8
1217/5	Reducție ingropata alama nichelata FI 1/4 - FE 1/2
1217/6	Reducție ingropata alama nichelata FI 3/8 - FE 1/2
1217/7	Reducție ingropata alama nichelata FI 1/2 - FE 3/4

1220 Niplu redus alama nichelata


Cod	Denumire
1220/1	Niplu redus alama nichelata FE 1/8 - 1/4
1220/2	Niplu redus alama nichelata FE 1/8 - 3/8
1220/3	Niplu redus alama nichelata FE 1/4 - 3/8
1220/4	Niplu redus alama nichelata FE 1/4 - 1/2
1220/5	Niplu redus alama nichelata FE 3/8 - 1/2

1226 Mufa redusa alama nichelata


Cod	Denumire
1226/2	Mufa redusa alama nichelata FI 1/8 - 1/4
1226/3	Mufa redusa alama nichelata FI 1/8 - 3/8
1226/4	Mufa redusa alama nichelata FI 1/8 - 1/2
1226/5	Mufa redusa alama nichelata FI 1/4 - 3/8
1226/6	Mufa redusa alama nichelata FI 1/4 - 1/2
1226/7	Mufa redusa alama nichelata FI 3/8 - 1/2

BBPG Dop alama nichelata cu o-ring


Cod	Denumire
BBPG M5	Dop cu o-ring alama nichelata FE M5
BBPG 18	Dop cu o-ring alama nichelata FE 1/8
BBPG 14	Dop cu o-ring alama nichelata FE 1/4
BBPG 38	Dop cu o-ring alama nichelata FE 3/8
BBPG 12	Dop cu o-ring alama nichelata FE 1/2

1250 Racord L (90°) alama nichelata FI - FE


Cod	Denumire
1250/1	Racord L egal alama nichelata FI - FE 1/8
1250/2	Racord L egal alama nichelata FI - FE 1/4
1250/3	Racord L egal alama nichelata FI - FE 3/8
1250/4	Racord L egal alama nichelata FI - FE 1/2

1252 Racord T alama nichelata FI - FE - FI


Cod	Denumire
1252/1	Racord T alama nichelata FI - FE - FI 1/8
1252/2	Racord T alama nichelata FI - FE - FI 1/4
1252/3	Racord T alama nichelata FI - FE - FI 3/8
1252/4	Racord T alama nichelata FI - FE - FI 1/2

1254 Racord in cruce alama nichelata filet interior


Cod	Denumire
1254/1	Racord in cruce egal alama nichelata FI 1/8
1254/2	Racord in cruce egal alama nichelata FI 1/4
1254/3	Racord in cruce egal alama nichelata FI 3/8
1254/4	Racord in cruce egal alama nichelata FI 1/2

46/C Stut de legatura pentru furtun


Cod	Denumire
46/C1	Stut de legatura pentru furtun Ø6
46/C2	Stut de legatura pentru furtun Ø8
46/C3	Stut de legatura pentru furtun Ø10
46/C4	Stut de legatura pentru furtun Ø12
46/C5	Stut de legatura pentru furtun Ø14

1255 Racord L (90°) alama nichelata FE - FE


Cod	Denumire
1255/1	Racord L egal alama nichelata FE 1/8
1255/2	Racord L egal alama nichelata FE 1/4
1255/3	Racord L egal alama nichelata FE 3/8
1255/4	Racord L egal alama nichelata FE 1/2

1256 Racord T alama nichelata FE - FE - FE


Cod	Denumire
1256/1	Racord T egal alama nichelata FE 1/8
1256/2	Racord T egal alama nichelata FE 1/4
1256/3	Racord T egal alama nichelata FE 3/8
1256/4	Racord T egal alama nichelata FE 1/2

1257 Racord T alama nichelata FE - FI - FE


Cod	Denumire
1257/1	Racord T alama nichelata FE - FI - FE 1/8
1257/2	Racord T alama nichelata FE - FI - FE 1/4
1257/3	Racord T alama nichelata FE - FI - FE 3/8
1257/4	Racord T alama nichelata FE - FI - FE 1/2

1258 Racord T alama nichelata FI - FE - FE


Cod	Denumire
1258/1	Racord T alama nichelata FI - FE - FE 1/8
1258/2	Racord T alama nichelata FI - FE - FE 1/4
1258/3	Racord T alama nichelata FI - FE - FE 3/8
1258/4	Racord T alama nichelata FI - FE - FE 1/2

1261 Racord Y alama nichelata filet interior


Cod	Denumire
1261/1	Racord Y alama nichelata FI 1/8
1261/2	Racord Y alama nichelata FI 1/4
1261/3	Racord Y alama nichelata FI 3/8
1261/4	Racord Y alama nichelata FI 1/2

1260 Racord Y alama nichelata FI - FE - FI


Cod	Denumire
1260/1	Racord Y alama nichelata FI - FE - FI 1/8
1260/2	Racord Y alama nichelata FI - FE - FI 1/4
1260/3	Racord Y alama nichelata FI - FE - FI 3/8
1260/4	Racord Y alama nichelata FI - FE - FI 1/2

1259 Racord in cruce alama nichelata FI - FI - FI - FE


Cod	Denumire
1259/1	Racord in cruce alama nichelata FI - FI - FI - FE 1/8
1259/2	Racord in cruce alama nichelata FI - FI - FI - FE 1/4
1259/3	Racord in cruce alama nichelata FI - FI - FI - FE 3/8
1259/4	Racord in cruce alama nichelata FI - FI - FI - FE 1/2

1262 Racord in cruce alama nichelata filet exterior


Cod	Denumire
1262/1	Racord in cruce egal alama nichelata FE 1/8
1262/2	Racord in cruce egal alama nichelata FE 1/4
1262/3	Racord in cruce egal alama nichelata FE 3/8
1262/4	Racord in cruce egal alama nichelata FE 1/2

HSV Robinet culisant 3/2 cu exhaustare


Cod	Denumire
HSV 06	Robinet culisant FI 1/8
HSV 08	Robinet culisant FI 1/4
HSV 10	Robinet culisant FI 3/8
HSV 15	Robinet culisant FI 1/2

RS Robinet cu levier alama nichelata filet interior


Cod	Denumire
RS 1/4	Robinet cu levier FI 1/4
RS 3/8	Robinet cu levier FI 3/8
RS 1/2	Robinet cu levier FI 1/2

1266 Robinet cu levier alama nichelata filet interior - filet exterior


Cod	Denumire
1266/2	Robinet cu levier FI - FE 1/4
1266/3	Robinet cu levier FI - FE 3/8
1266/4	Robinet cu levier FI - FE 1/2

67700 Robinet mini filet interior

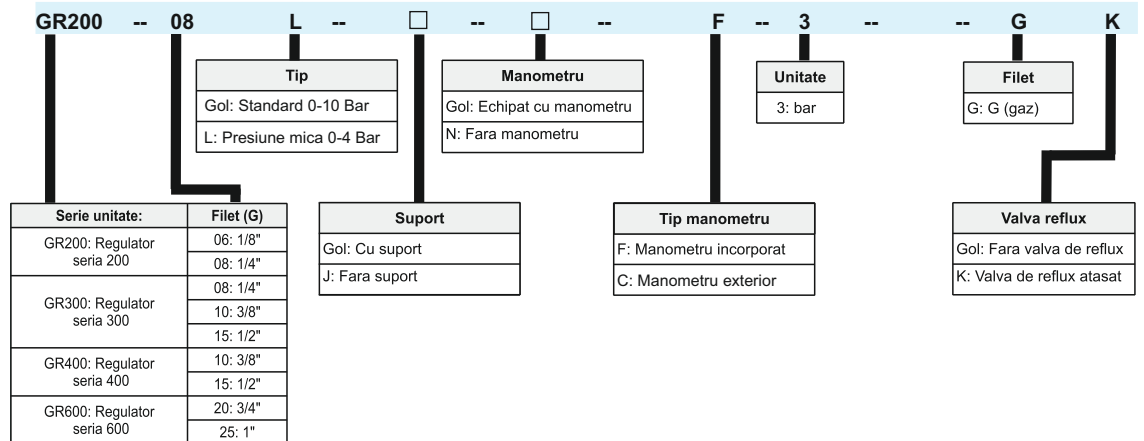
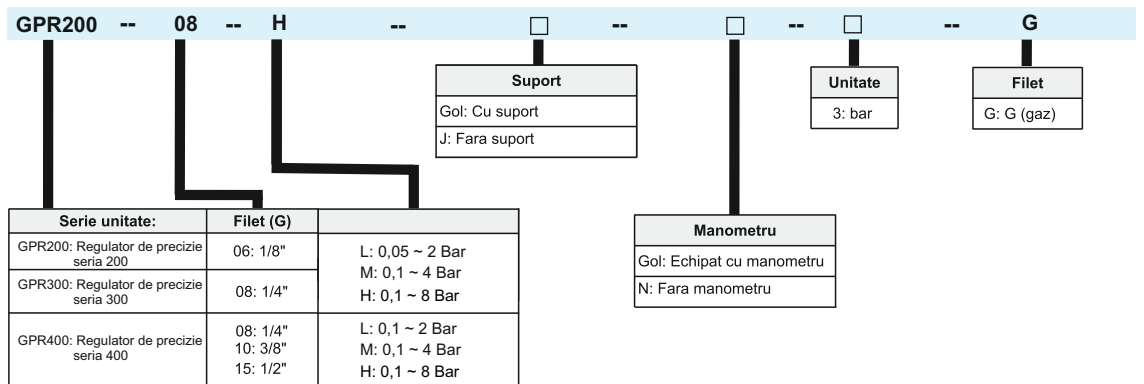
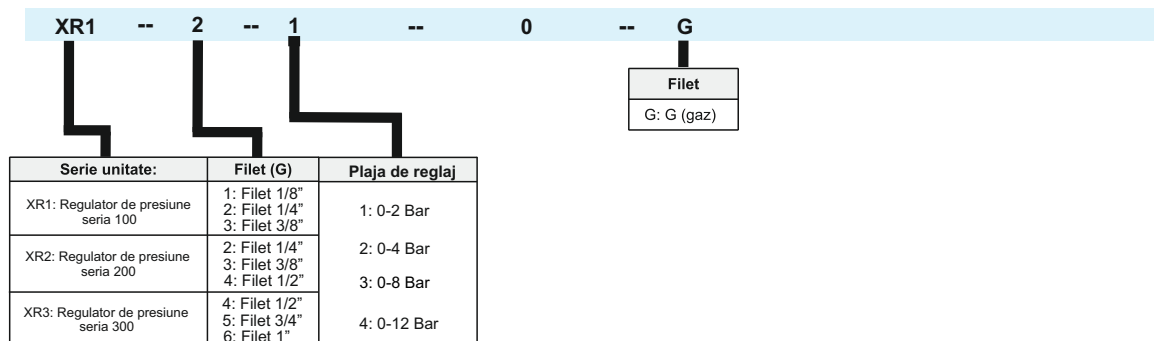

Cod	Denumire
677001	Robinet mini FI 1/8"
677002	Robinet mini FI 1/4"
677003	Robinet mini FI 3/8"
677004	Robinet mini FI 1/2"

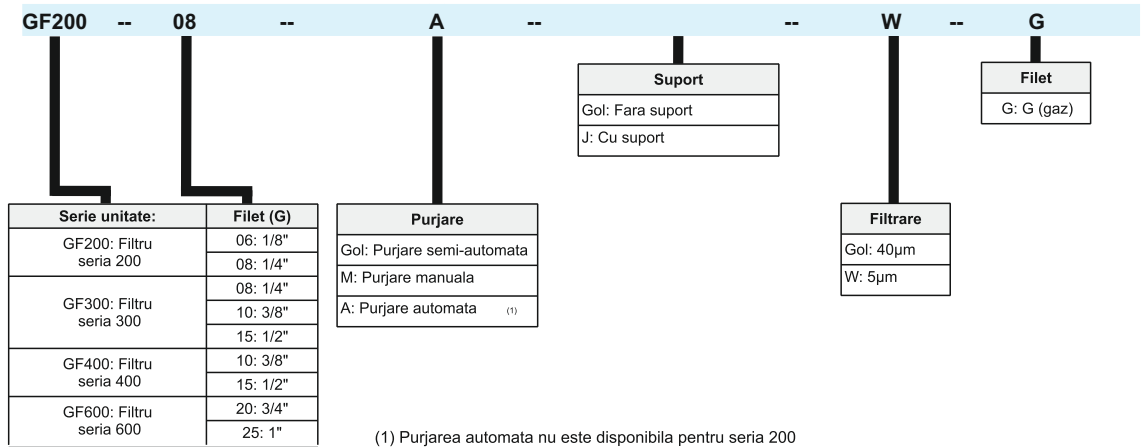
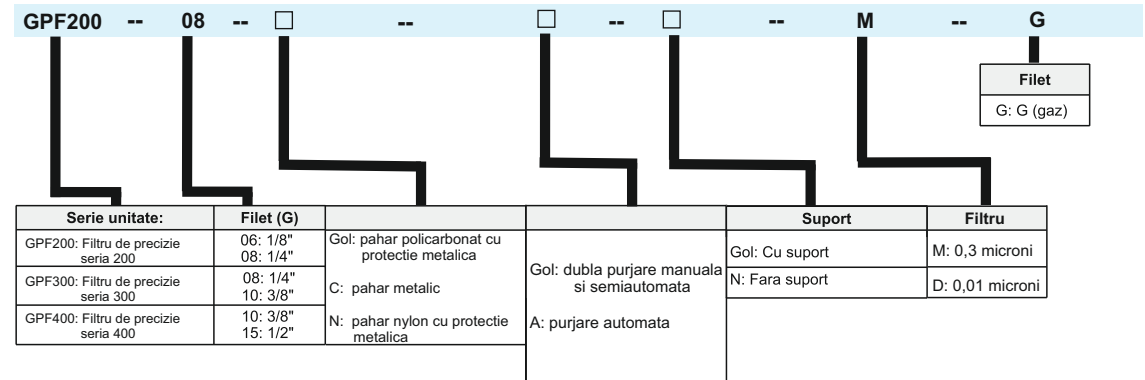
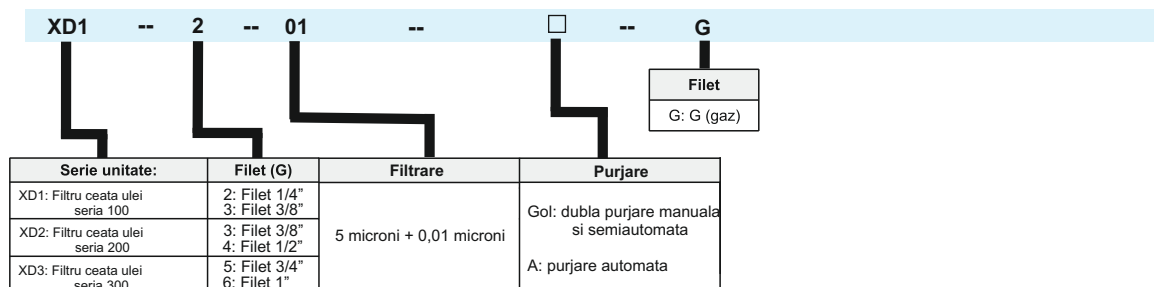
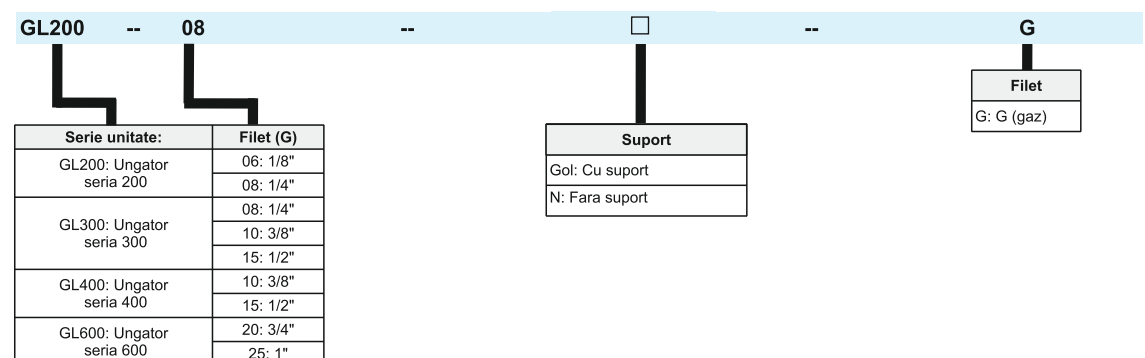
1268 Robinet mini filet interior - exterior


Cod	Denumire
1268/1	Robinet mini FI-FE 1/8"
1268/2	Robinet mini FI-FE 1/4"
1268/3	Robinet mini FI-FE 3/8"
1268/4	Robinet mini FI-FE 1/2"

BL6083 Distribuitor aluminiu 4 cai in cruce


Cod	Denumire
BL6083/1	Distribuitor aluminiu 4 iesiri in cruce FI 1/8
BL6083/2	Distribuitor aluminiu 4 iesiri in cruce FI 1/4
BL6083/3	Distribuitor aluminiu 4 iesiri in cruce FI 3/8
BL6083/5	Distribuitor aluminiu 4 iesiri in cruce FI 1/2

GR Regulator de presiune cu manometru

GPR Regulator de presiune de precizie cu manometru

XR Regulator de presiune


GF Filtru anticondens

GPF Filtru de precizie

XD Ansamblu filtrare ultrafin 5 micrometri + 0,01 micrometri

GL Lubrifiant instalatie aer comprimat


GFC Unitate preparare aer dubla (FR+L) Filtru Regulator + Ungator


GFC200		08	M	L	□	F	3	W	G	K
		Purjare Gol: Purjare semi-automata M: Purjare manuala A: Purjare automata ⁽¹⁾		Manometru Gol: Echipat cu manometru N: Fara manometru		Unitate 3: bar		Filtrare Gol: 40µm W: 5µm	Filet G: G (gaz)	
Serie unitate: GFC200: Unitate FRL dubla seria 200 GFC300: Unitate FRL dubla seria 300 GFC400: Unitate FRL dubla seria 400 GFC600: Filtru cu regulator seria 600		Filet (G) 06: 1/8" 08: 1/4" 08: 1/4" 10: 3/8" 15: 1/2" 10: 3/8" 15: 1/2" 20: 3/4" 25: 1"		Tip Gol: Standard 0-10 Bar L: Presiune mica 0-4 Bar		Tip manometru F: Manometru incorporat C: Manometru exterior		Valva reflux Gol: Fara valva de reflux K: Valva de reflux atasat		

(1) Purjarea automata nu este disponibila pentru seria 200

GC Unitate preparare aer tripla (F+R+L) Filtru + Regulator + Ungator


GC200		08	M	L	□	F	3	W	G	K
		Purjare Gol: Purjare semi-automata M: Purjare manuala A: Purjare automata ⁽¹⁾		Manometru Gol: Echipat cu manometru N: Fara manometru		Unitate 3: bar		Filtrare Gol: 40µm W: 5µm	Filet G: G (gaz)	
Serie unitate: GC200: Unitate FRL tripla seria 200 GC300: Unitate FRL tripla seria 300 GC400: Unitate FRL tripla seria 400 GC600: Unitate FRL tripla seria 600		Filet (G) 06: 1/8" 08: 1/4" 08: 1/4" 10: 3/8" 15: 1/2" 10: 3/8" 15: 1/2" 20: 3/4" 25: 1"		Tip Gol: Standard 0-10 Bar L: Presiune mica 0-4 Bar		Tip manometru F: Manometru incorporat C: Manometru exterior		Valva reflux Gol: Fara valva de reflux K: Valva de reflux atasat		

(1) Purjarea automata nu este disponibila pentru seria 200

GFR Unitate filtrare cu regulator de presiune


GFR200		08	M	L	□	F	3	W	G	
		Purjare Gol: Purjare semi-automata M: Purjare manuala A: Purjare automata ⁽¹⁾		Manometru Gol: Echipat cu manometru N: Fara manometru		Unitate 3: bar		Filtrare Gol: 40µm W: 5µm	Filet G: G (gaz)	
Serie unitate: GFR200: Filtru cu regulator seria 200 GFR300: Filtru cu regulator seria 300 GFR400: Filtru cu regulator seria 400 GFR600: Filtru cu regulator seria 600		Filet (G) 06: 1/8" 08: 1/4" 08: 1/4" 10: 3/8" 15: 1/2" 10: 3/8" 15: 1/2" 20: 3/4" 25: 1"		Tip Gol: Standard 0-10 Bar L: Presiune mica 0-4 Bar		Tip manometru F: Manometru incorporat C: Manometru exterior		Valva reflux Gol: Fara valva de reflux K: Valva de reflux atasat		

(1) Purjarea automata nu este disponibila pentru seria 200

GV Valva pornire usoara


GV200	--	08	--	□	F	1	--	A	--	G
				Manometru			Unitate	Tensiune		Filet
				Gol: Echipat cu manometru N: Fara manometru		3: bar		A: 220V AC (50/60Hz) B: 24V DC C: 110V AC (50/60Hz) E: 24V AC (50/60Hz) F: 12V DC		G: G (gaz)
						Tip manometru				
						F: Manometru incorporat C: Manometru rotund				
Serie unitate:		Filet (G)								
GV200: Valva pornire usoara seria 200		06: 1/8"								
		08: 1/4"								
GV300: Valva pornire usoara seria 300		08: 1/4"								
		10: 3/8"								
		15: 1/2"								
GV400: Valva pornire usoara seria 400		10: 3/8"								
		15: 1/2"								
GV600: Valva pornire usoara seria 600		20: 3/4"								
		25: 1"								

Valva cu pornire usoara are rolul de a proteja instalatia pneumatica la pornire . In momentul in care valva este alimentata, ea functioneaza ca un distribuitor 3/2 care se deschide gradual pana in momentul in care presiunea la iesirea din valva este la jumatate fata de presiunea de la intrare, in acel moment se deschide complet. Intreruperea alimentarii insemna intreruperea graduala a valvei pana in momentul in care presiunea ajunge la 0.

GZ Valva On-Off


GZ200	--	08	--	□			--	G
				Manometru			Filet	
				Gol: Cu suport N: Fara suport				G: G (gaz)
Serie unitate:		Filet (G)						
GZ200: Valva on-off seria 200		06: 1/8"						
		08: 1/4"						
GZ300: Valva on-off seria 300		08: 1/4"						
		10: 3/8"						
		15: 1/2"						
GZ400: Valva on-off seria 400		10: 3/8"						
		15: 1/2"						
GZ600: Valva on-off seria 600		20: 3/4"						
		25: 1"						

Valva on-off este folosita atunci cand utilajul se afla in revizie. Aceasta este modulata, insemnand ca se poate atasa cu usurinta unitatii GFC sau GFR. In momentul inchiderii valvei, aerul care se afla in instalatie este eliberat in atmosfera. Valva se livreaza cu un lacat pentru blocare cu scopul de a preveni actionarea involuntara.


G(S/F/U/R) Manometre


G	S	40	4	B
Echipament	Tip	Diametru	Filet (G)	Plaja de masurare
G: Manometru	S: Posterior F: Manometru de panou U: Manometru cu cleme R: Radial	40: Ø40mm 50: Ø50mm 60: Ø63mm	1/8 1/4 1/4	0: -1-0 Bar 1: 0-1 Bar 4: 0-4 Bar 6: 0-6 Bar 10: 0-10 Bar 12: 0-12 Bar 16: 0-16 Bar
				Unitate
				B: bar

3V1 - 3V2 Distribuitor 3/2 monostabil cu actiune directa



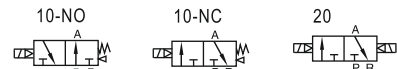
3V	1	06	A	G
Model 3V: Solenoid (Schema 3/2)	Cod 1: Seria 1 2: Seria 2	Filet M5: M5 06: 1/8" 08: 1/4"	Tensiune A: 220V AC (50/60Hz) B: 24V DC C: 110V AC (50/60Hz) E: 24V AC (50/60Hz) F: 12V DC	Tip filet P: PT T: NPT G: G



3V Distribuitor 3/2 monostabil cu pilot intern actiune electrica



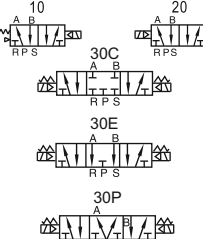
3V	1	10	06	NC	A	G	
Model 3V: Solenoid (Schema 3/2)	Cod 1: Seria 100 2: Seria 200 3: Seria 300	Bobine 10: Monostabil 20: Bistabil	Serie Seria 100 Seria 200 Seria 300	Filet M5: M5 06: 1/8" 08: 1/4" 10: 3/8"	Actiune NC: Normal inchis NO: Normal deschis	Tensiune A: 220V AC (50/60Hz) B: 24V DC C: 110V AC (50/60Hz) E: 24V AC (50/60Hz) F: 12V DC	Tip filet P: PT T: NPT G: G



4V Distribuitor 5/2 - 5/3 cu pilot intern actiune electrica




4V	1	10	06	A	G	
Model 4V: Solenoid (Schema 5/2- 5/3)	Cod 1: Seria 100 2: Seria 200 3: Seria 300 4: Seria 400	Bobine 10: Monostabil 5/2 20: Bistabil 5/2 30C: Bistabil 5/3 centru inchis 30E: Bistabil 5/3 centru exhaustat 30P: Bistabil 5/3 centru in presiune	Serie Seria 100 Seria 200 Seria 300 Seria 400	Filet M5: M5 06: 1/8" 08: 1/4" 10: 3/8" 15: 1/2"	Tensiune A: 220V AC (50/60Hz) B: 24V DC C: 110V AC (50/60Hz) E: 24V AC (50/60Hz) F: 12V DC	Tip filet P: PT T: NPT G: G



4M Distribuitor NAMUR 5/2 cu pilot intern actiune electrica



4M	1	10	06	A	G	
Model 4M: Solenoid schema 5/2 (Namur)	Cod 1: Seria 100 2: Seria 200 3: Seria 300	Bobine 10: Monostabil 5/2 20: Bistabil 5/2	Serie Seria 100 Seria 200 Seria 300	Filet M5: M5 06: 1/8" 08: 1/4" 10: 3/8"	Tensiune A: 220V AC (50/60Hz) B: 24V DC C: 110V AC (50/60Hz) E: 24V AC (50/60Hz) F: 12V DC	Tip filet P: PT T: NPT G: G



ESV Distribuitor 5/2 - 5/3 ISO 5599/1 cu pilot intern actionare electrica



ESV	2	10	A
Model	Cod	Bobine	Tensiune
Electrovalva schema 5/2, 5/3	2: Seria 200 3: Seria 300 4: Seria 400 6: Seria 600	10: Monostabil 5/2 20: Bistabil 5/2 30C: Bistabil 5/3 centru inchis 30E: Bistabil 5/3 centru exhaustat 30P: Bistabil 5/3 centru in presiune	A: 220V AC (50/60Hz) B: 24V DC C: 110V AC (50/60Hz) E: 24V AC (50/60Hz) F: 12V DC
	10 2 4 3 15	20 2 4 3 15	30C 2 4 3 15
		30E 2 4 3 15	30P 2 4 3 15

Accesorii electrovalve: Placa distribuitoare ESV



ESV200	1F
Model	Numar distribuitoare
ESV200: Placa pentru seria 200 ESV300: Placa pentru seria 300 ESV400: Placa pentru seria 400 ESV600: Placa pentru seria 600	1F: 1 Distribuitor 2F: 2 Distribuitoare 3F: 3 Distribuitoare 16F: 16 Distribuitoare

Accesorii electrovalve: Placa distribuitoare seria 4V



200M	5F
Model	Numar distribuitoare
100M: Placa pentru distribuitoare seria 100 200M: Placa pentru distribuitoare seria 200 300M: Placa pentru distribuitoare seria 300 400M: Placa pentru distribuitoare seria 400	1F: 1 Distribuitor 2F: 2 Distribuitoare 3F: 3 Distribuitoare 16F: 16 Distribuitoare

Accesorii electrovalve: Placa distribuitoare seria 3V



3V200M	5F
Model	Numar distribuitoare
3V100M - Placa pentru distribuitoare seria 100 3V200M - Placa pentru distribuitoare seria 200 3V300M - Placa pentru distribuitoare seria 300	1F: 1 Distribuitor 2F: 2 Distribuitoare 3F: 3 Distribuitoare 16F: 16 Distribuitoare

Accesorii electrovalve: Bobine si conectori cu LED prezenta tensiune

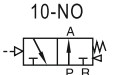
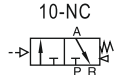
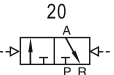


BC9	A
Model	Tensiune
BC9: Bobina Ø9 BC7: Bobina Ø9 BCL9: Conector Bobina cu LED Ø9 BCL7: Conector Bobina cu LED Ø7	A: 220V AC (50/60Hz) B: 24V DC C: 110V AC (50/60Hz) E: 24V AC (50/60Hz) F: 12V DC

3A Distribuitor 3/2 cu pilot intern acționare pneumatică



3A		1		10		08		G	
Model		Cod		Comanda		Serie		Tip filet	
3A: Distribuitor acționare pneumatică (Schema 3/2)		1: Seria 100 2: Seria 200 3: Seria 300		10: Monostabil 20: Bistabil (1)		Seria 100 Seria 200 Seria 300		M5: M5 06: 1/8" 08: 1/4" 10: 3/8"	
								P: PT T: NPT G: G	

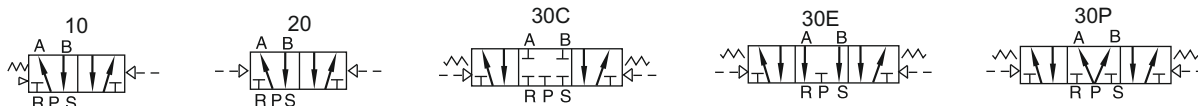
10-NO	10-NC	20
		

(1) Pentru varianta bistabila nu se precizeaza normal inchis sau normal deschis, de aceea codul nu va contine acționarea

4A Distribuitor 5/2 - 5/3 cu pilot intern acționare pneumatică



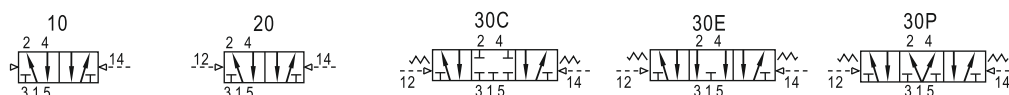
4A		1		10		08		G	
Model		Cod		Comanda - schema funcționare		Serie		Tip filet	
4A: Distribuitor acționare pneumatică (Schema 5/2- 5/3)		1: Seria 100 2: Seria 200 3: Seria 300 4: Seria 400		10: Monostabil 5/2 20: Bistabil 5/2 30C: Bistabil 5/3 centru închis 30E: Bistabil 5/3 exhaustare pe centru 30P: Bistabil 5/3 presiune pe centru		Seria 100 Seria 200 Seria 300 Seria 400		M5: M5 06: 1/8" 08: 1/4" 10: 3/8" 15: 1/2"	
								P: PT T: NPT G: G	



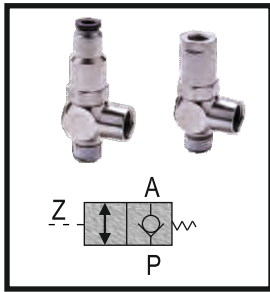
EAV Distribuitor 5/2 - 5/3 cu pilot intern acționare pneumatică ISO 5599/1



EAV		2		10	
Model		Cod		Bobine	
Valva acționare pneumatică schema 5/2, 5/3		1: Seria 100 2: Seria 200 3: Seria 300 4: Seria 400		10: Monostabil 5/2 20: Bistabil 5/2 30C: Bistabil 5/3 centru închis 30E: Bistabil 5/3 exhaustare pe centru 30P: Bistabil 5/3 presiune pe centru	



PCV Valva de siguranta cu supapa unisens

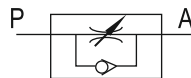


PCV	06	□	G																		
Model	Filet	Intrarea pilotului	Tip filet																		
PCV: Valva de siguranta cu supapa unisens	06: 1/8" 08: 1/4" 10: 3/8" 15: 1/2"	<table border="1"> <thead> <tr> <th></th> <th>Diametru intrare pilot</th> <th>Diametru intrare/iesire</th> </tr> </thead> <tbody> <tr> <td>M5X0.8</td> <td>1/8"</td> <td>1/8"</td> </tr> <tr> <td>GOL:</td> <td>1/8"</td> <td>1/4"</td> </tr> <tr> <td>Filet interior</td> <td>1/4"</td> <td>3/8", 1/2"</td> </tr> <tr> <td>F: Fitting</td> <td>Φ6</td> <td>1/8", 1/4"</td> </tr> <tr> <td></td> <td>Φ8</td> <td>3/8", 1/2"</td> </tr> </tbody> </table>		Diametru intrare pilot	Diametru intrare/iesire	M5X0.8	1/8"	1/8"	GOL:	1/8"	1/4"	Filet interior	1/4"	3/8", 1/2"	F: Fitting	Φ6	1/8", 1/4"		Φ8	3/8", 1/2"	P: PT T: NPT G: G
	Diametru intrare pilot	Diametru intrare/iesire																			
M5X0.8	1/8"	1/8"																			
GOL:	1/8"	1/4"																			
Filet interior	1/4"	3/8", 1/2"																			
F: Fitting	Φ6	1/8", 1/4"																			
	Φ8	3/8", 1/2"																			

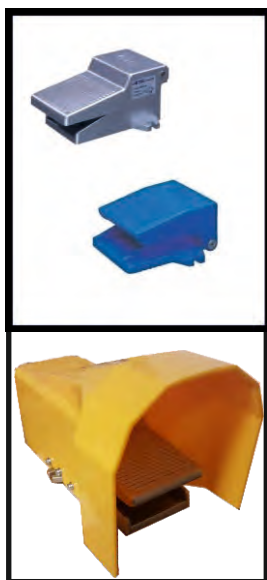
ASC Regulator de debit cu filete interioare



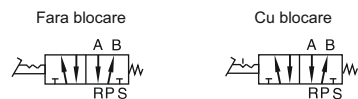
ASC	1	--	06	--	G
Model	Cod		Serie	Filet	Tip filet
ASC: Regulator de debit	1: Seria 100 2: Seria 200 3: Seria 300 4: Seria 400		Seria 100	M5: M5 06: 1/8"	P: PT T: NPT G: G
			Seria 200	06: 1/8" 08: 1/4"	
			Seria 300	08: 1/4" 10: 3/8" 15: 1/2"	
			Seria 400	15: 1/2"	



3F - 4F Pedala pneumatica schema 3/2 - 5/2 filet G1/4



3F	--	210	--	08	--	L	--	G
Model		Filet		Blocare		Tip filet		
3FM: Pedala pneumatica 3/2 seria mini 3F: Pedala pneumatica 3/2 4F: Pedala pneumatica 5/2		08: 1/4"		Gol: Fara blocare fara protectie L: Fara blocare cu protectie LG: Cu blocare si protectie		P: PT T: NPT G: G		



Versiunile 3FM210 si 3F210 sunt fara blocare
Varianta cu blocare exista numai cu protectie

4H - 4HA Distribuitor manual cu levier



4H	--	2	--	10	--	06	G
Model		Seria		Schema de functionare		Tip filet	
4H: Distribuitor cu levier revenire manuala 4HA: Distribuitor cu levier revenire pe arc		2: Seria 200 3: Seria 300		10: 5/2 30C: 5/3 Centru inchis 30E: Exhaustare pe centru		06: 1/8" 08: 1/4" 10: 3/8"	
						Filet	
						P: PT T: NPT G: G	

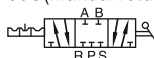
10(Manual return)



10(Spring return)



30C(Manual return)



30C(Spring return)



30E(Manual return)



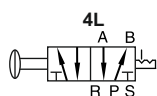
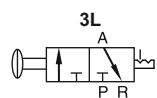
30E(Spring return)



3L - 4L Distribuitor manual push-pull



3L	--	2	--	10	--	06	G
Model		Seria		Schema de functionare		Tip filet	
3L: Distribuitor push-pull schema 3/2 4L: Distribuitor push-pull schema 5/2		1: Seria 100 2: Seria 200 3: Seria 300		10: 2 pozitii		06: 1/8" 08: 1/4" 10: 3/8"	
						Filet	
						P: PT T: NPT G: G	



4HV Distribuitor manual cu levier orizontal

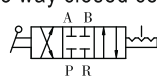


4HV	--	2	--	10	--	08	G
Model		Seria		Schema de functionare		Tip filet	
4HV : Distribuitor cu levier revenire manuala		2: Seria 200 3: Seria 300 4: Seria 400		10: 4/2 30C: 4/3 centru inchis		08: 1/8" 10: 3/8" 15: 1/2" 20: 3/4"	
						Filet	
						P: PT T: NPT G: G	

4/2 way



4/3 way closed center



S3 Valve comanda manuala 3/2 seria mini

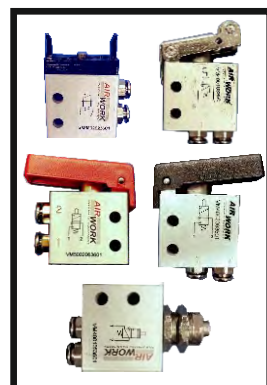

S3	PM	--	06	--	R	--	G
Model			Filet		Culoare		Tip filet
S3: Valva S3 seria mini 3/2			M5: M5 06: 1/8" 08: 1/4"		R: Rosu G: Verde B: Negru		P: PT T: NPT G: G
Cod	L: Rola cu revenire						
B: Varianta simpla (1)	V: Rola superioara						
C: Levier lung	PP: Buton (2)						
D: Levier scurt	PM: Ciuperca						
Y: Clapeta	PL: Ciuperca cu reset						
R: Rola	PF: Buton ingropat						
	HS: Selector						

1. Actionarile de tip B,C,D,Y,R,L,V nu au cod de culoare
2. Actionarile de tip PP, PM, PF, HS sunt disponibile in 3 culori
3. Actionarile de tip PL sunt disponibile doar in culoarea rosie

M3 - M5 Valve comanda manuala 3/2 - 5/2


M3	--	PM	--	210	08	--	R	G
Model		Cod		Seria	Filet		Culoare	Tip filet
M3: Valva manuala M3 3/2 M5: Valva manuala M5 5/2		B: Varianta simpla (1) C: Levier lung D: Levier scurt Y: Clapeta R: Rola L: Rola cu revenire V: Rola superioara PP: Buton (2) PM: Ciuperca PL: Ciuperca cu reset PF: Buton ingropat HS: Selector (cu cheie)		110: Monostabil seria 100 210: Monostabil seria 200	06: 1/8" 06: 1/8" 08: 1/4"		R: Rosu G: Verde B: Negru	P: PT T: NPT G: G

1. Actionarile de tip B,C,D,Y,R,L,V nu au cod de culoare
2. Actionarile de tip PP, PM, PF, HS sunt disponibile in 3 culori
3. Actionarile de tip PL sunt disponibile doar in culoarea rosie

VM Valve comanda manuala 3/2 - 5/2 - 5/3


VM	4	00	2	0	1	3	6	0	1
Conectare	Funcție		Mod de actionare	Schema	Tip conectare		Optiuni		
4: Racorduri in jos 5: Racorduri in lateral	1: Normal deschis 2: Normal inchis		1: Fara adaptor 2: Cu adaptor 3: Cu rola 4: Rola unidirectionala 5: Cu montaj pe panou 6: Cu clapeta de apasare	3: schema 3/2 5: schema 5/2 6: schema 5/3	1: Filet M5 6: Push-in Ø4		0: Standard 2: 5/3 centru exhaustat 3: 5/3 centru in presiune		

Vane de trecere 2/2 diverse modele


Vane trecere 2/2 folosite pentru a inchide si deschide rețele de aer, apa rece, apa fierbinte, abur, ulei sau vacuum. Acestea pot fi actionate direct sau de un pilot intern. In functie de aplicatie acestea pot fi din alama sau inox.

Filetele vanelor incep de la G1/8" si in functie de specificatiile vanei ajung la G2". Tabelele de mai jos va pot ajuta sa alegeti vana de care aveti nevoie.

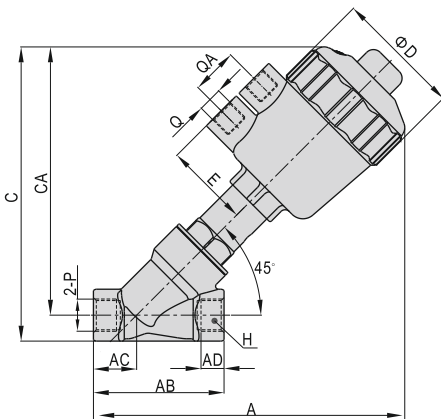
Specificatii	Pilot intern	Actionare directa	Normal deschis	Normal inchis	Alama	Inox	
Vana							
2W(XD)	X	-	-	X	X	-	
2W(ZD)	-	X	-	X	X	-	
2KW(XD)	X	-	X	-	X	-	
2KW(ZD)	-	X	X	-	X	-	
2S(XD)	X	-	-	X	-	X	
2S(ZD)	-	X	-	X	-	X	
2KS(XD)	X	-	X	-	-	X	
2KS(ZD)	-	X	X	-	-	X	
2L(XD)	X	-	-	X	-	X	
2L(ZD)	-	X	-	X	-	X	
2KL(XD)	X	-	X	-	-	X	
2KL(ZD)	-	X	X	-	-	X	
2V	X	X	-	X	X	-	

Specificatii	Aer	Apa	Abur	Apa fierbinte	Ulei	Vacuum	Filet (G)
Vana							
2W(XD)	X	X	-	-	X	X	1/8 - 1/2
2W(ZD)	X	X	-	-	X	-	1/2 - 1
2KW(XD)	X	X	-	-	X	-	1/8 - 1/2
2KW(ZD)	X	X	-	-	X	-	1/2 - 1
2S(XD)	X	X	-	-	X	X	1/8 - 1/2
2S(ZD)	X	X	-	-	X	-	1/2 - 2
2KS(XD)	X	X	-	-	X	-	1/8 - 1/2
2KS(ZD)	X	X	-	-	X	-	1/2 - 2
2L(XD)	X	X	X	X	X	-	1/8 - 1/2
2L(ZD)	X	X	X	X	X	-	1/2 - 2
2KL(XD)	X	X	X	X	X	-	1/8 - 1/2
2KL(ZD)	X	X	X	X	X	-	1/2 - 2
2V	X	X	-	-	-	-	1/8 - 1

Valva unghiulara de trecere apa/aer/abur 2/2 cu actionare pneumatica


2J	W	W	150	15	Q40	G
Model Valva unghiulara 2/2		Tipul de actionare GOL: No water hammer normal inchis Actionare → 1	Orificiu de trecere 150: Ø15mm 200: Ø20mm 250: Ø25mm 320: Ø32mm	Filet 10: 3/8" 15: 1/2" 20: 3/4" 25: 1" 32: 1 1/4"		Tip filet G: G
Material S: Inox SUS 316L W: Inox SUS 304		W: Water hammer normal inchis Actionare → 1		K: Normal deschis Actionare → 2		Diametru actuator Q40: Ø40mm Q50: Ø50mm Q63: Ø63mm Q80: Ø80mm

1. Valvele sunt pilotate cu aer si pot fi utilizate fara alimentare electrica. Presiunea de pornire este mica; iar presiunea inalta poate fi controlata de presiunea mica.
2. Accesoriile si tija sunt confectionate din inox 304 sau 316L si au o rezistenta excelenta la rugina. Garniturile sunt din Teflon si pot fi folosite in zone cu temperaturi ridicate 0-180° si lichide corozive.
3. Corpul valvei este la un unghi de 45°.
4. Actuatorul contine indicator de pozitie pentru verificare.
5. Indicatorul de pozitie este fabricat din metal
6. Actuatorul poate fi rotit la 360° si este usor de instalat.


Detalii tehnice 2J

Model	Filet	Diametru actuator	Diametru orificiu trecere	Kv	Presiune minima pilot (Bar)	Presiune diferentia maxima (Bar)	Greutate
2JS150	-10 3/8"	40	15	4.4	4.8	13	0.8
	-15 1/2"						
2JW150	-10 3/8"	50	15	4.8	4.3	16	0.8
	-15 1/2"						
2JS200	-20 3/4"	40	20	7.9	4.8	6.5	0.9
		50		8			
2JW200	-20 3/4"	50	20	10	4.2	16	1.6
		63		19			
2JS250	-25 1"	63	25	19	5.0	16	2.5
		80		20			
2JW250	-25 1"	63	25	27	4.2	6	2.5
		80		28			
2JS320	-32 1 1/4"	63	32	27	5.0	15	3.0
		80		28			
2JW320	-32 1 1/4"	63	32	27	5.0	15	3.0
		80		28			
2JSK150	-10 3/8"	40	15	4.4		16	0.8
	-15 1/2"						
2JWK150	-10 3/8"	50	15	4.8		16	0.8
	-15 1/2"						
2JSK200	-20 3/4"	40	20	7.9		16	0.9
	50			8			
2JWK200	-20 3/4"	50	20	8		16	0.9
	63			14.5			
2JSK250	-25 1"	50	25	14.5		16	1.2
	63			19			
2JWK250	-25 1"	63	25	19		16	1.6
	80			27			
2JSK320	-32 1 1/4"	63	32	27		16	2.2
	80			28			
2JWK320	-32 1 1/4"	80	32	28		16	2.4
2JSY150	-10 3/8"	40	15	4.4		16	0.8
	-15 1/2"						
2JWY150	-10 3/8"	50	15	4.8		16	0.8
	-15 1/2"						
2JSY200	-20 3/4"	40	20	7.9		16	0.9
	50			8			
2JWY200	-20 3/4"	50	20	8		16	0.9
	63			14.5			
2JSY250	-25 1"	50	25	14.5		16	1.3
	63			19			
2JWY250	-25 1"	63	25	19		16	1.7
2JSY320	-32 1 1/4"	63	32	27		16	2.3
	80						
2JWY320	-32 1 1/4"	80	32	27		16	2.3

Diametru orificiu trecere	Diametru actuator	A	AB	AC	AD	C	CA	ØD	E	H	Port size(P)	Q	QA
15	Ø40	153	68	22.5	12	144	130	56	33	27	3/8"	1/8"	24
	Ø50	162				153	140	66	44		1/2"	1/4"	
20	Ø40	161	78	27	14	150	134	56	33	33	3/4"	1/8"	24
	Ø50	170				160	143	66	44			1/4"	
	Ø63	200				189	172	82	51			1/4"	
	Ø50	176				168	147	66	44			1/4"	
25	Ø63	205	90	28	14	197	176	82	51	40	1"	1/4"	24
	Ø80	221				213	193	102	60			1/4"	
	Ø63	220				210	185	82	51			1/4"	
32	Ø63	220	110	35	18	210	185	82	51	50	1 1/4"	1/4"	24
	Ø80	237				227	202	102	60			1/4"	

MI Cilindri rotunzi ISO 6432



MI - - 16 X 40 □ - - S - - CA - - - G

* Versiunea MIC nu poate avea prinderea R

Tip cilindru	Magnet	Prindere spate	Diametre compatibile (Ø)	Tip filet
MI: Cilindru rotund cu dubla actiune	S: Cu magnet	CA: Standard	8, 10, 12, 16, 20, 25	P: PT
MIC: Cilindru rotund cu franare si magnet	Go: Fara magnet	U: Perpendicular 90°	8, 10, 12, 16, 20, 25, 32, 40	T: NPT
MSI: Cilindru rotund cu simpla actiune (impingere)		R: Alimentare axiala	16, 20, 25, 32, 40	G: G
MTI: Cilindru rotund cu simpla actiune (tragere)		CM: Spate rotund	16, 20, 25, 32, 40	
MID: Cilindru rotund cu tija dubla				
MICD: Cilindru rotund cu franare reglabila				
MIJ: Cilindru rotund cursa reglabila				
MICJ: Cilindru rotund cu franare si cursa reglabile				

Cursa	Cursa reglabila
10: 10mm	10: 10mm
20: 20mm	20: 20mm
30: 30mm	30: 30mm
40: 40mm	40: 40mm
50: 50mm	50: 50mm
75: 60mm	75: 60mm
100: 100mm	100: 100mm

Diametru piston
Diametru (Ø) 8, 10, 12, 16, 20, 25, 32, 40

Pentru cilindri cu diametrul Ø32 si Ø40 va rugam sa ne contactati

Detalii tehnice MI

CA Type

U Type

R Type

CM Type

Diametru	Capac spate	CA	U	A		AB	AC	AD	CA	AE	AF	P	PA	CA	PB	R
8		86	74	-	-	28	46	11.5	9.5	9.5	64	M5 × 0.8	7	5	5	17
10		86	74	-	-	28	46	11.5	9.5	9.5	64	M5 × 0.8	7	5	5	17
12		105	88	-	-	38	50	12.5	10.5	10.5	75	M5 × 0.8	8	6	6	20
16		111	94	94	111	38	56	12.5	10.5	10.5	82	M5 × 0.8	8	6	6	22
20		126	106	106	126	44	62	14.5	14.5	14.5	95	1/8"	7.5	7.5	7.5	29
25		137	114.5	115	137	50	65	16	16	16	104	1/8"	8	8	8	33.5
32		-	125	126	140	58	-	16.5	-	16.5	-	1/8"	9	-	9	37.5
40		-	158	158	174	69	-	22	-	22	-	1/4"	12	-	12	46.5

Diametru	B	C	D	DA	E	EA	EB	F	FA	G	GA	H	K	KA	M	MA	MB
8	15	8	4	16	M4 × 0.7	10.5	12	7	2.2	17	6	-	4	10	M12 × 1.25	12	12
10	15	8	4	16	M4 × 0.7	10.5	12	7	2.2	17	6	-	4	10	M12 × 1.25	12	12
12	18	12	6	21	M6 × 1.0	14	16	10	5	22	6	5(2-sides)	6	14	M16 × 1.5	17	17
16	20	12	6	21	M6 × 1.0	14.5	16	10	5	22	6	5(2-sides)	6	13	M16 × 1.5	17	17
20	25	16	8	24	M8 × 1.25	18	20	12	6	29	7	6(2-sides)	8	11	M22 × 1.5	20	20
25	30	16	10	28	M10 × 1.25	20.5	22	17	6	29	7	8(4-sides)	8	11	M22 × 1.5	22	22
32	34.5	-	12	28	M10 × 1.25	17.5	20	17	6	36	7	10(4-sides)	-	-	M30 × 1.5	30	14
40	42.5	-	16	34	M12 × 1.25	21	24	17	7	46	8	14(4-sides)	-	-	M38 × 1.5	35	16

Accesorii MI

LB Ø8 ~ Ø25

Diametru	AA	AB	AC	AD	AE	AF	AH	AK	AL	AP	AQ	AT	B	F
8	78	-	68	-	35	25	16	10	11	4.5	5	3	28	12
10	78	-	68	-	35	25	16	10	11	4.5	5	3	28	12
12	90	-	78	-	42	32	20	13	14	5.5	6	4	38	17
16	96	-	84	-	42	32	20	13	14	5.5	6	4	38	17
20	112	-	96	-	54	40	25	20	17	6.6	8	5	44	20
25	115	-	99	-	54	40	25	20	17	6.6	8	5	50	22
32	110	49	96	28	66	52	28	-	14	7	7	4	58	30
40	149	58	129	30	80	60	33	-	20	9	10	5	69	35

SDB Ø8 ~ Ø25

Diametru	D	Q	CA	CB	CD	CE	CF	CH	CP	CQ	CT	CR
8	11	8.1	18.4	76	20	-	12.5	24	4.5	13.1	2.5	-
10	11	8.1	18.4	76	20	-	12.5	24	4.5	13.1	2.5	-
12	13	12.1	28	91	25	-	15	27	5.5	18.1	3	-
16	13	12.1	28	98	25	-	15	27	5.5	18.1	3	-
20	16	16.1	38	115	32	-	20	30	6.6	24.1	4	-
25	16	16.1	38	126	32	-	20	30	6.6	24.1	4	-
32	20	34.6	55.5	117	41	20	24	35	7	46.6	4	67
40	27	42.6	69.6	146	52	28	30	40	9	58.6	5	81

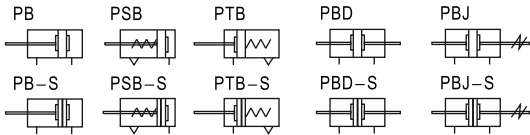
FA Ø8 ~ Ø25

Diametru	B	C	BB	BC	BE	BF	BP	F
8	28	46	3	22	40	30	4.5	12
10	28	46	3	22	40	30	4.5	12
12	38	50	4	30	52	40	5.5	17
16	38	56	4	30	52	40	5.5	17
20	44	62	5	40	66	50	6.6	20
25	50	65	5	40	66	50	6.6	22

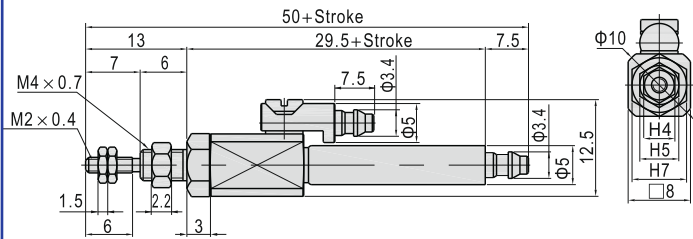
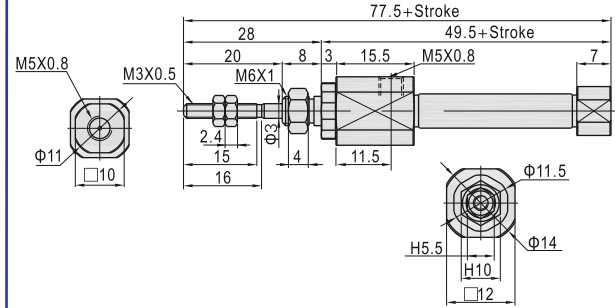
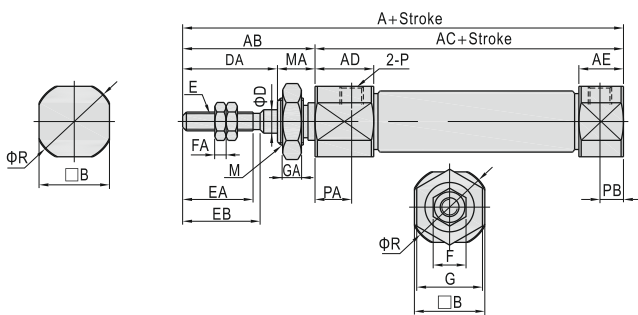
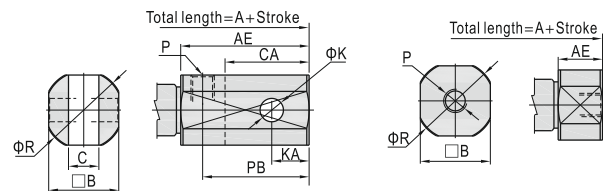
Alte tipuri de accesorii gasiti la pagina 34

PB Cilindri rotunzi mini


PB	--	16	x	40	--	□	--	S	--	CB	
Tip cilindru		Diametru piston	Cursa		Cursa reglabila			Magnet	Prindere spate		
PB: Cilindru rotund mini cu dubla actiune					10: 10mm			S: Cu magnet	CB: Prindere dubla		
PSB: Cilindru rotund mini cu simpla actiune (impingere)					20: 20mm			Gol: Fara magnet	U: Perpendicular 90°		
BTB: Cilindru rotund mini cu simpla actiune (tragere)					30: 30mm				R: Alimentare axiala		
PBD: Cilindru rotund mini cu tija dubla					40: 40mm				CM: Spate rotund		
PBJ: Cilindru rotund mini cursa reglabila					50: 50mm						
					75: 60mm						
					100: 100mm						



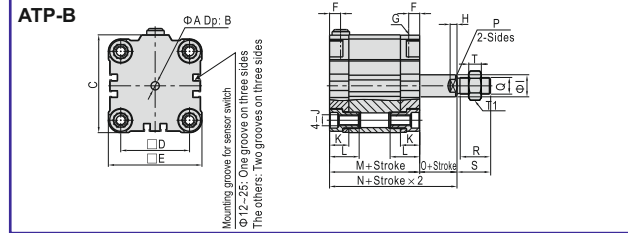
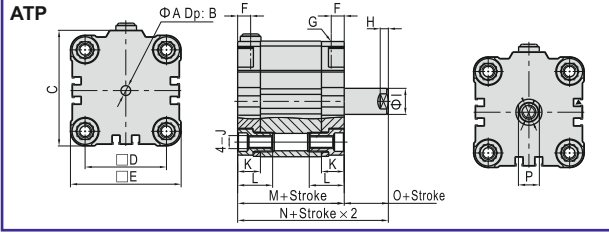
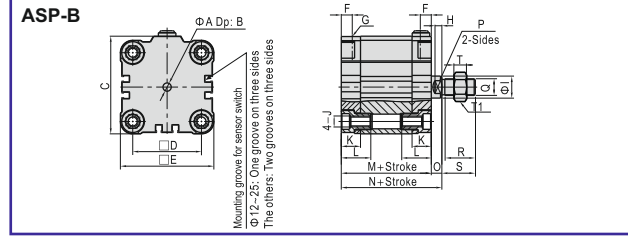
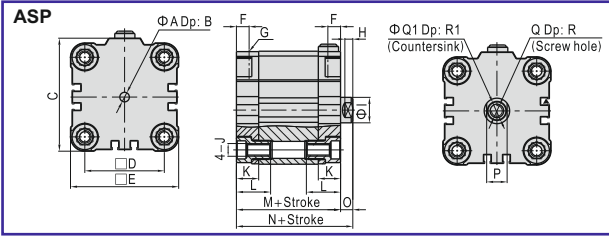
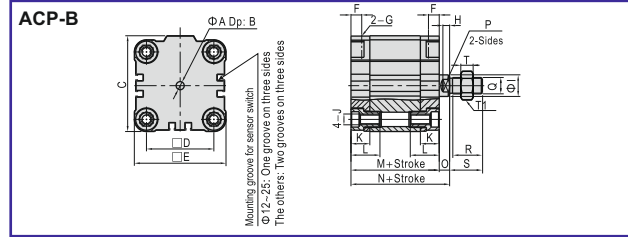
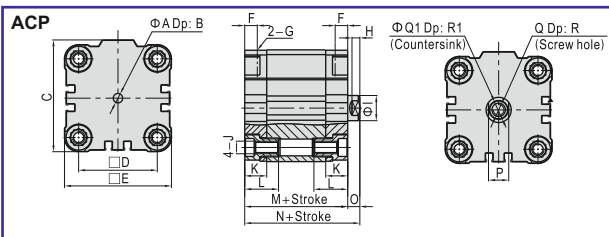
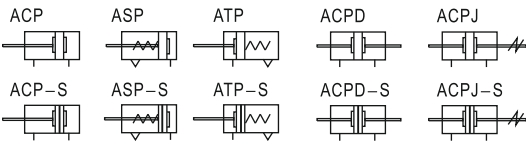
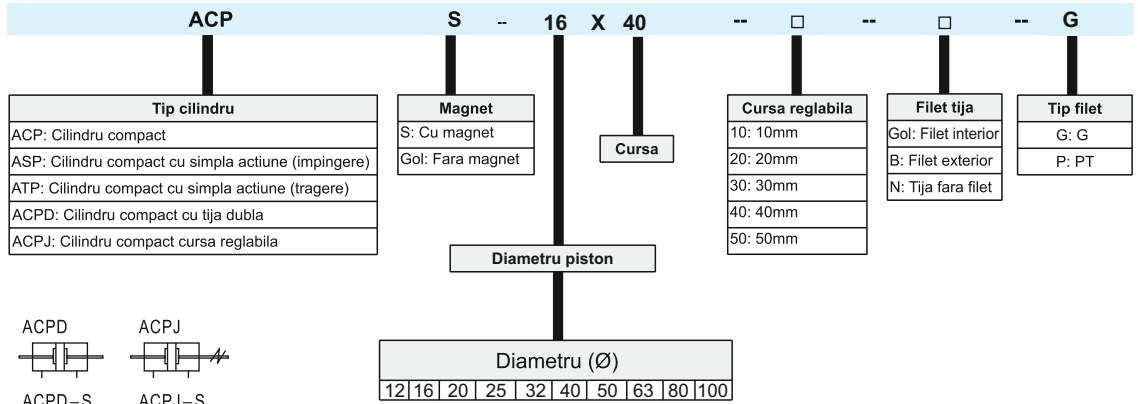
Diametru (Ø)		Curse disponibile cilindru										Cursa maxima							
Dubla actiune	4	5	10	15	20											20			
	6	10	15	20	25	30	40	50	60							60			
	10	10	15	20	25	30	40	50	60	75	80	100	125	150	160	175	200	200	
	12	10	15	20	25	30	40	50	60	75	80	100	125	150	160	175	200	250	200
	16	10	15	20	25	30	40	50	60	75	80	100	125	150	160	175	200	250	300
Simpla actiune	4	5	10	15	20											20			
	6												60						
	10												60						
	12	5	10	15	20	25	30	40	50	60							60		
	16												60						

Ø4 Fara magnet - tip R

Ø6 - tip R

Ø10 - Ø16 perpendicular 90°

CB Type (Double Clevis)
R Type (axial air-in)


Diametru Capac spate	A			AB	AC	AD	AE		B	C	CA	D	DA	E	EA	EB
	U	CB	R				U/R	CB								
10	74	87	74	28	46	11.5	9.5	22.5	12	3.3	13	4	20	M4x0.7	15	16.5
12	74	92	74	28	46	11.5	9.5	27.5	15	6.6	18	5	20	M5x0.8	15	16.5
16	76	94	76	28	48	12	9.5	27.5	18	6.6	18	5	20	M5x0.8	15	16.5

Diametru Capac spate	F	FA	G	GA	K	KA	M	MA	P	PA	PB		
											U	CB	R
10	7	2.2	11	4	3.3	5	M8x1.0	8	M5x0.8	7.5	5	18	14
12	8	4	14	4	5	8	M10x1.0	8	M5x0.8	7.5	5	23	17
16	8	4	14	4	5	8	M10x1.0	8	M5x0.8	7.5	5	23	20

ACP Cilindri compacti



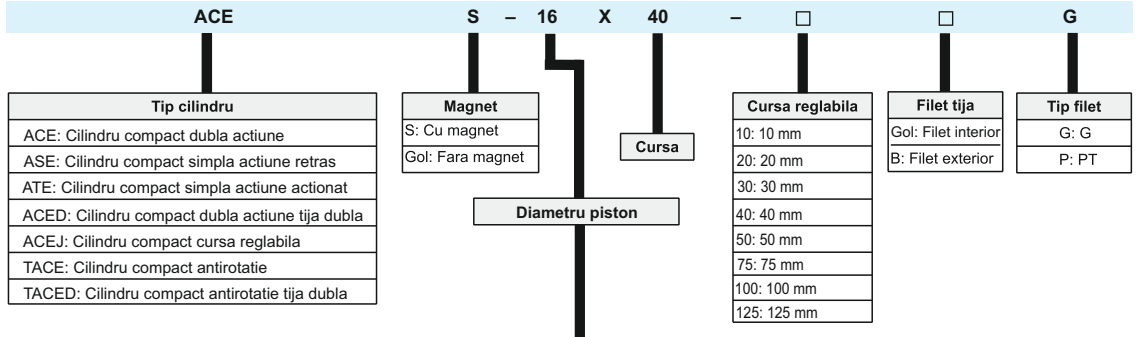
Diametru	A	B	C	D	E	F	G	H	I	J
12	6	4	30	18	29	7	M5 × 0.8	3	6	M4 × 0.7
16	6	4	30	18	29	7	M5 × 0.8	3	8	M4 × 0.7
20	6	4	37.5	22	36	7	M5 × 0.8	3	10	M5 × 0.8
25	6.1	4	41.5	26	40	7	M5 × 0.8	4	10	M5 × 0.8
32	6.1	4	52	32	50	8	1/8"	4.5	12	M6 × 1.0
40	6.1	4	62.5	42	60	8	1/8"	4.5	12	M6 × 1.0
50	6.1	4	71	50	68	8	1/8"	5	16	M8 × 1.25
63	8.1	4	91	62	87	8	1/8"	5	16	M10 × 1.5
80	8.1	4	111	82	107	8.5	1/8"	5.5	20	M10 × 1.5
100	8.1	4	133	103	128	10.5	1/4"	7.5	25	M10 × 1.5

Diametru	A	B	C	D	E	F	G	H	I	J
12	6	4	30	18	29	7	M5 × 0.8	3	6	M4 × 0.7
16	6	4	30	18	29	7	M5 × 0.8	3	8	M4 × 0.7
20	6	4	37.5	22	36	7	M5 × 0.8	3	10	M5 × 0.8
25	6.1	4	41.5	26	40	7	M5 × 0.8	4	10	M5 × 0.8
32	6.1	4	52	32	50	8	1/8"	4.5	12	M6 × 1.0
40	6.1	4	62.5	42	60	8	1/8"	4.5	12	M6 × 1.0
50	6.1	4	71	50	68	8	1/8"	5	16	M8 × 1.25
63	8.1	4	91	62	87	8	1/8"	5	16	M10 × 1.5
80	8.1	4	111	82	107	8.5	1/8"	5.5	20	M10 × 1.5
100	8.1	4	133	103	128	10.5	1/4"	7.5	25	M10 × 1.5

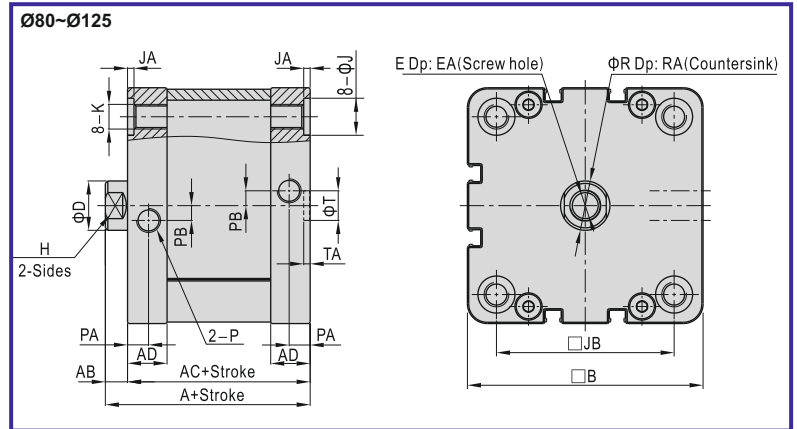
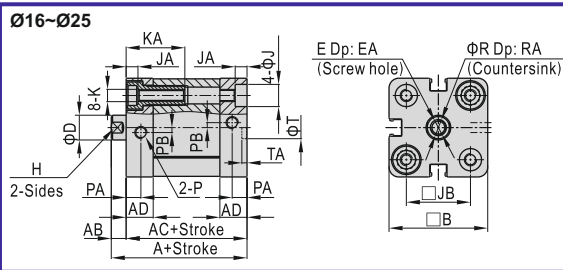
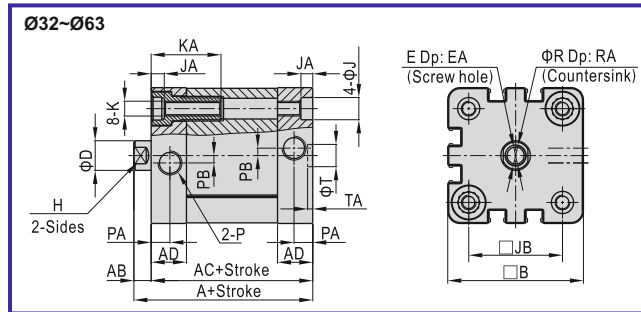
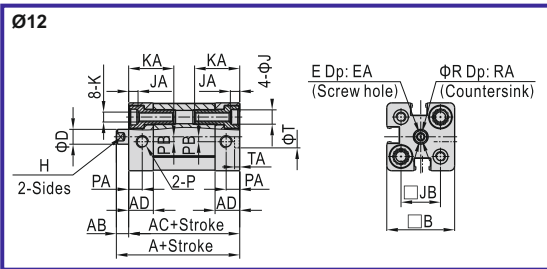
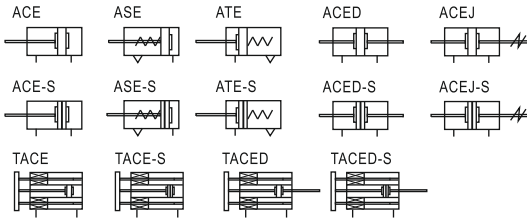
Diametru	K	L	M	N	O	P	Q	Q1	R	R1
12	11.5	18	38	42.5	4.5	5	M3 × 0.5	3.3	8	1.5
16	11.5	18	38	42.5	4.5	6	M4 × 0.7	4.5	10	1.5
20	11.5	18	38	42.5	4.5	8	M5 × 0.8	5.5	12	2
25	11.5	18	39.5	45	5.5	8	M5 × 0.8	5.5	12	2
32	14	21	44.5	50.5	6	10	M6 × 1.0	6.5	14	2.6
40	14	21	45.5	52	6.5	10	M6 × 1.0	6.5	14	2.6
50	14	21.5	45.5	53	7.5	13	M8 × 1.25	8.5	16	3.3
63	15	24	50	57.5	7.5	13	M8 × 1.25	8.5	16	3.3
80	16	27	56	64	8	17	M10 × 1.5	10.5	20	4.7
100	19	32	66.5	76.5	10	22	M12 × 1.75	12.5	24	6.1

Diametru	K	L	M	N	O	P	Q	R	S	T	T1
12	11.5	18	38	42.5	4.5	5	M6 × 1.0	15	16	5	10
16	11.5	18	38	42.5	4.5	6	M8 × 1.25	19	20	6	12
20	11.5	18	38	42.5	4.5	8	M10 × 1.25	20	22	6	17
25	11.5	18	39.5	45	5.5	8	M10 × 1.25	20	22	6	17
32	14	21	44.5	50.5	6	10	M10 × 1.25	20	22	6	17
40	14	21	45.5	52	6.5	10	M10 × 1.25	20	22	6	17
50	14	21.5	45.5	53	7.5	13	M12 × 1.25	22	24	7	17
63	15	24	50	57.5	7.5	13	M12 × 1.25	22	24	7	17
80	16	27	56	64	8	17	M16 × 1.5	30	32	8	23
100	19	32	66.5	76.5	10	22	M20 × 1.5	38	40	10	26

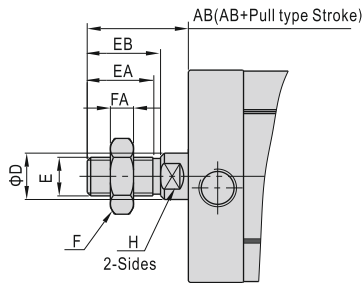
ACE Cilindri compacti ISO 21287



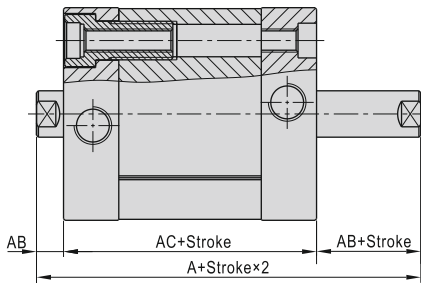
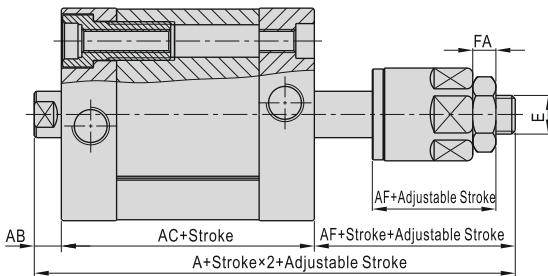
Cilindru	Diametru (Ø)
ACE / ACED / ACEJ	12, 16, 20, 25, 32, 40, 50, 63, 80, 100, 125
ASE / ATE / TACE / TACED	12, 16, 20, 25, 32, 40, 50, 63, 80, 100



Diametru	A	AB	AC	AD	B	D	E	EA	H	J	JA	JB	K	KA	P	PA	PB	R	RA	T	TA
12	40	5	35	10	27.5	6	M3 × 0.5	8	5	6	3.5	16	M4 × 0.7	18.5	M5 × 0.8	5.5	2	3.5	1.5	9	2.1
16	40	5	35	10	30	8	M4 × 0.7	10	7	6	3.5	18	M4 × 0.7	18.5	M5 × 0.8	5.5	2	4.5	1.5	9	2.1
20	43	6	37	10.5	35.5	10	M6 × 1.0	14	9	9	4.5	22	M5 × 0.8	23.5	M5 × 0.8	6	2	6.5	2.5	9	2.1
25	45	6	39	11	40	10	M6 × 1.0	14	9	9	4.5	26	M5 × 0.8	23.5	M5 × 0.8	6	2	6.5	2.5	9	2.1
32	51	7	44	14	49.5	12	M8 × 1.25	16	10	9	4.5	32.5	M6 × 1.0	28.5	G1/8	7.5	3	8.5	3.5	9	2.1
40	52.5	7	45.5	14.5	55	12	M8 × 1.25	16	10	9	4.5	38	M6 × 1.0	28.5	G1/8	7.5	3	8.5	3.5	9	2.1
50	53.5	8	45.5	14.5	65.5	16	M10 × 1.5	20	13	11	4.5	46.5	M8 × 1.25	30.5	G1/8	7.5	3	10.5	4.5	12	2.6
63	57	8	49	15	75.5	16	M10 × 1.5	20	13	11	4.5	56.5	M8 × 1.25	30.5	G1/8	7.5	4	10.5	4.5	12	2.6
80	63	9	54	16	95.5	20	M12 × 1.75	20	17	15	2.5	72	M10 × 1.5	-	G1/8	8.5	6	12.5	6	12	2.6
100	76	9	67	19	113.5	20	M12 × 1.75	20	17	15	2.5	89	M10 × 1.5	-	G1/8	10.5	7	12.5	6	12	2.6
125	92	11	81	20	134.5	25	M16 × 2.0	25	21	-	-	110	M12 × 1.75	-	G1/4	10.5	8	16.5	7	12	2.6

ACE Cilindri compacti ISO 21287
ACE cu filet exterior


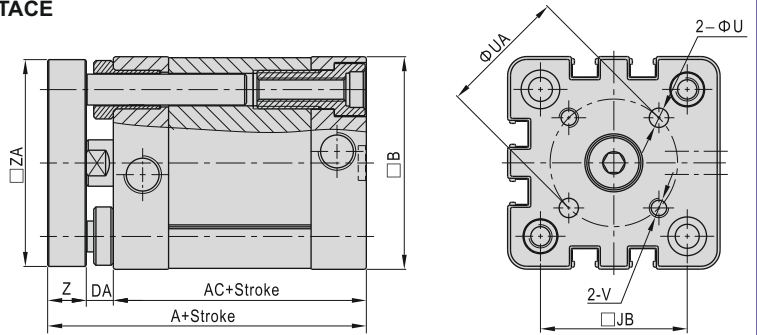
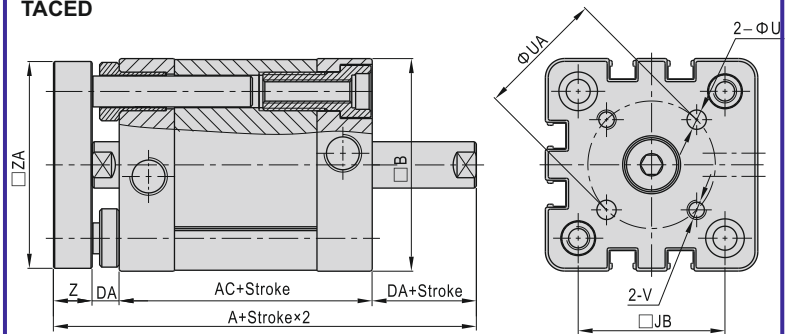
Diametru	AB	D	E	EA	EB	F	FA	H
12	15	6	M5 × 0.8	9	10	8	4	5
16	17	8	M6 × 1.0	11	12	10	5	7
20	22	10	M8 × 1.25	15	16	12	6	9
25	22	10	M8 × 1.25	15	16	12	6	9
32	26	12	M10 × 1.25	17	19	17	6	10
40	26	12	M10 × 1.25	17	19	17	6	10
50	30	16	M12 × 1.25	20	22	17	7	13
63	30	16	M12 × 1.25	20	22	17	7	13
80	37	20	M16 × 1.5	26	28	23	8	17
100	37	20	M16 × 1.5	26	28	23	8	17
125	51	25	M20 × 1.5	38	40	26	10	21

ACED

ACEJ


Diametru	A(ACED)	A(ACEJ)	AB	AC	AF	FA	E
12	45	57	5	35	17	4	M5 × 0.8
16	45	61	5	35	21	5	M6 × 1.0
20	49	68	6	37	25	6	M8 × 1.25
25	51	70	6	39	25	6	M8 × 1.25
32	58	78	7	44	27	6	M10 × 1.25
40	59.5	79.5	7	45.5	27	6	M10 × 1.25
50	61.5	81.5	8	45.5	28	7	M12 × 1.25
63	65	85	8	49	28	7	M12 × 1.25
80	72	92	9	54	29	8	M16 × 1.5
100	85	105	9	67	29	8	M16 × 1.5
125	103	127.5	11	81	35.5	10	M20 × 1.5

Informație:

- Dimensiunile nemarcate sunt aceleasi ca la ACE standard
- Dimensiunile cilindrului cu magnet sunt aceleasi cu a celui fara magnet

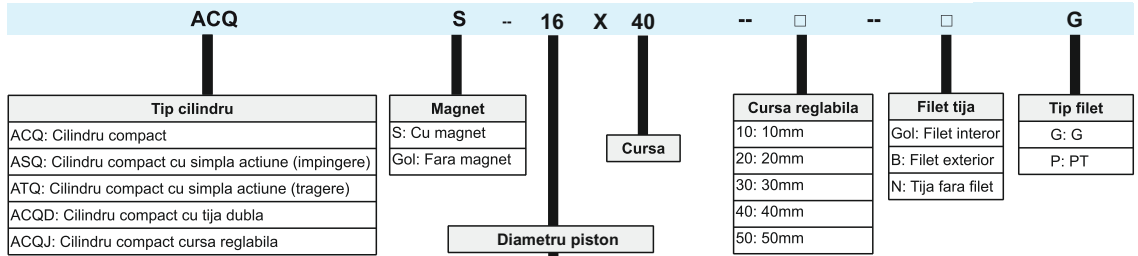
TACE

TACED


Diametru	A(TACE)	A(TACED)	AC	B	DA	JB	U	UA	V	Z	ZA
12	46	51	35	27.5	5	16	3	12	M3 × 0.5	6	26.5
16	46	51	35	30	5	18	3	14	M3 × 0.5	6	29
20	51	57	37	35.5	6	22	4	17	M4 × 0.7	8	34.5
25	53	59	39	40	6	26	5	22	M5 × 0.8	8	39
32	61	68	44	49.5	7	32.5	5	28	M5 × 0.8	10	48
40	62.5	69.5	45.5	55	7	38	5	33	M5 × 0.8	10	53.5
50	65.5	73.5	45.5	65.5	8	46.5	6	42	M6 × 1.0	12	64
63	69	77	49	75.5	8	56.5	6	50	M6 × 1.0	12	74
80	77	86	54	95.5	9	72	8	65	M8 × 1.25	14	94
100	90	99	67	113.5	9	89	10	80	M10 × 1.5	14	112

Informație:

- Dimensiunile nemarcate sunt aceleasi ca la ACE standard
- Dimensiunile cilindrului cu magnet sunt aceleasi cu a celui fara magnet

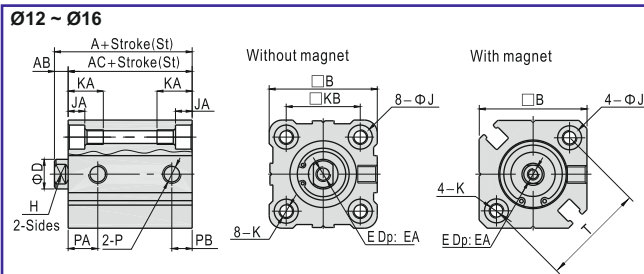
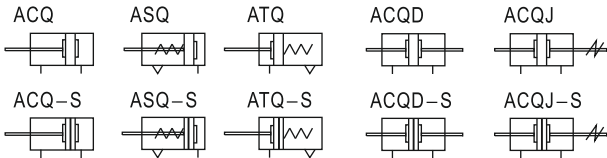
ACQ Cilindri compacti



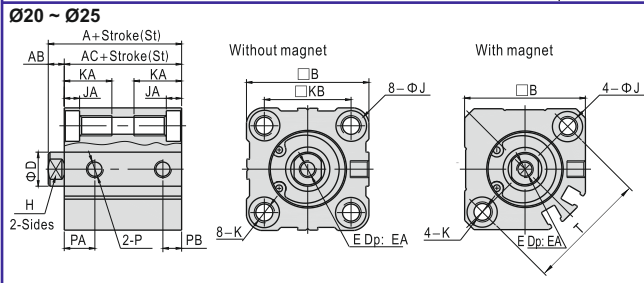
Diametru piston

Diametru (Ø)

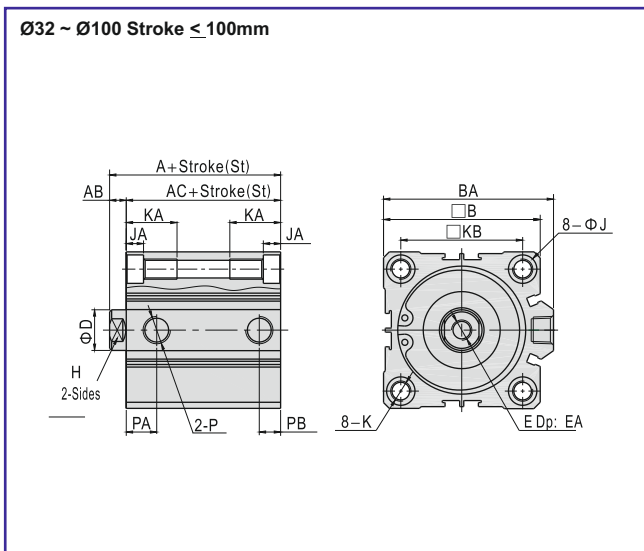
12	16	20	25	32	40	50	63	80	100
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Diametru	A		AC				PA	PB	Cu magnet				AB
	Fara magnet		Fara magnet				Cu magnet						
	St≤50	St≥55	St≥60	St≤50	St≥55	St≥60	-	-	A	AC	PA	PB	
12	20.5	-	-	17	-	-	7.5	5	31.5	28	9	7	3.5
16	22	22	-	18.5	18.5	-	8	5.5	34	30.5	9.5	5.5	3.5
20	24	-	34	19.5	-	29.5	9	5.5	36	31.5	9.5	5.5	4.5
25	27.5	-	37.5	22.5	-	32.5	11	5.5	37.5	32.5	11	5.5	5



Diametru/Model	B	D	E	EA	H	J	JA	K		KA	KB	T	
12	25	6	M3 × 0.5	6	5	6.5	3.5	M4 × 0.7	Thru.hole: Φ3.4	11	15.5	M5 × 0.8	22
16	29	8	M4 × 0.7	8	6	6.5	3.5	M4 × 0.7	Thru.hole: Φ3.4	11	20	M5 × 0.8	28
20	36	10	M5 × 0.8	7	8	9	7	M6 × 1.0	Thru.hole: Φ5.2	17	25.5	M5 × 0.8	36
25	40	12	M6 × 1.0	12	10	9	7	M6 × 1.0	Thru.hole: Φ5.2	17	28	M5 × 0.8	40



Model	A		AC		A	AC	AB	B	BA	D	E	EA
	Fara magnet		Fara magnet		Cu magnet							
Diametru	St≤50	St≥60	St≤50	St≥60	-	-						
32	30	40	23	33	40	33	7	45	49.5	16	M8 × 1.25	13
40	36.5	46.5	29.5	39.5	46.5	39.5	7	53	57	16	M8 × 1.25	13
50	38.5	48.5	30.5	40.5	48.5	40.5	8	64	71	20	M10 × 1.5	15
63	44	54	36	46	54	46	8	77	84	20	M10 × 1.5	15
80	53.5	63.5	43.5	53.5	63.5	53.5	10	98	104	25	M16 × 2.0	20
100	65	75	53	63	75	63	12	117	123.5	32	M20 × 2.5	26

Diametru	H	J	JA	K			KA	KB	P	PA	PB	PA	PB
				Fara magnet						Cu magnet			
32	St=5	14	9	7	M6 × 1.0	Thru.hole: Φ5.2	17	34	1/8"	7.5	6.5	10.5	7.5
										10.5	7.5		
40	St=5	14	9	7	M6 × 1.0	Thru.hole: Φ5.2	17	40	1/8"	11	8	11	8
										9	9		
50	St=5	17	11	8	M8 × 1.25	Thru.hole: Φ6.8	22	50	1/4"	10.5	10.5	10.5	10.5
										14	9.5		
63	St=5	17	14	10.5	M10 × 1.5	Thru.hole: Φ8.5	28.5	60	1/4"	15	10.5	15	10.5
										15	10.5		
80	St=5	22	17.5	13.5	M12 × 1.75	Thru.hole: Φ10.3	35.5	77	3/8"	16	14	16	14
										14	14		
100	St=5	27	17.5	13.5	M12 × 1.75	Thru.hole: Φ10.3	35.5	94	3/8"	20	17.5	20	17.5
										14	14		

ACQ Cilindri compacti

ACQD Ø12-Ø16

Ø20-Ø25

Ø32-Ø100

ACQ cu filet exterior
(Bore size: Ø 12~ Ø 100, Stroke ≤ 100)
AB(AB+Pull type Stroke)

Diametru	AB	D	E	EA	EB	F	FA	H
12	14	6	M5 × 0.8	9	10.5	8	4	5
16	15.5	8	M6 × 1.0	10	12	10	5	6
20	18.5	10	M8 × 1.25	12	14	12	6	8
25	22.5	12	M10 × 1.25	15	17.5	17	6	10
32	28.5	16	M14 × 1.5	20.5	23.5	19	8	14
40	28.5	16	M14 × 1.5	20.5	23.5	19	8	14
50	33.5	20	M18 × 1.5	26	28.5	27	11	17
63	33.5	20	M18 × 1.5	26	28.5	27	11	17
80	43.5	25	M22 × 1.5	32.5	35.5	32	13	22
100	43.5	32	M26 × 1.5	32.5	35.5	36	13	27

TACQ

Ø12 - Ø16

Ø20 - Ø25

Ø32 - Ø100

Diametru	Fara magnet								Cu magnet							
	A	AC	PA	PB	A	AC	PA	PB	AB	P	B	D	J	JA		
12	26.5	17.3	7.5	5	37.5	28.3	9	7	3	M5 × 0.8	26	6	6.5	3.5		
16	28	19	8	5.5	40	31	9.5	5.5	3	M5 × 0.8	30	8	6.5	3.5		
20	32	20.5	9	5.5	44	32.5	9.5	5.5	3.5	M5 × 0.8	36	10	9	7		
25	35.5	23	11	5.5	45.5	33	11	5.5	4.5	M5 × 0.8	41	12	9	7		

Diametru	K	KA	KB	W	X	XA	XB	Y	Z	ZA	
											M4 × 0.7
12	M4 × 0.7	Thru.hole: Ø 3.4	11.5	15.5	15	3	10	7.1	M3 × 0.5	6	25
16	M4 × 0.7	Thru.hole: Ø 3.4	11.5	20	21	3	14	9.9	M3 × 0.5	6	29
20	M6 × 1.0	Thru.hole: Ø 5.2	18	25.5	26	4	17	12	M4 × 0.7	8	35
25	M6 × 1.0	Thru.hole: Ø 5.2	17.5	28	30	5	22	15.6	M5 × 0.8	8	40

Diametru	Fara magnet				Cu magnet				AB	B	BA	D	J	JA	K
	Cursa	St ≤ 50	St ≥ 75	St ≤ 50	St ≥ 75	St ≤ 50	St ≥ 75								
32	40	23.5		50	33.5	6.5	45	49.5	16	9	7	M6 × 1.0	Thru.hole: Ø 5.2		
40	46.5	29.9		56.5	39.9	6.6	53	57	16	9	7	M6 × 1.0	Thru.hole: Ø 5.2		
50	50.5	60.5	31	41	60.5	41	7.5	64	71	20	11	8	M8 × 1.25	Thru.hole: Ø 6.8	
63	56	66	36	46	66	46	8	77	84	20	14	10.5	M10 × 1.5	Thru.hole: Ø 8.5	
80	67.5	77.5	43.5	53.5	77.5	53.5	10	98	104	25	17.5	13.5	M12 × 1.75	Thru.hole: Ø 10.3	
100	81	91	53	63	91	63	12	117	123.5	32	17.5	13.5	M12 × 1.75	Thru.hole: Ø 10.3	

Diametru	KA	KB	P	PA		PB		W	X	XA	XB	Y	Z	ZA		
				Fara magnet	Cu magnet											
32	St=5	17.5	34	1/8"	7.5	6.5		10.5	7.5	37	5	28	19.8	M5 × 0.8	10	43
40	St>5	17.5	40	1/8"	11	8		11	8	46	5	33	23.3	M5 × 0.8	10	51
50		22.5	50	1/4"	10.5	10.5	10.5	58	6	42	29.7	6	42	M6 × 1.0	12	62
63		28.5	60	1/4"	15	10.5	15	10.5	69	6	50	35.4	6	M6 × 1.0	12	75
80		35.5	77	3/8"	16	14	16	14	90	8	65	46	6	M8 × 1.25	14	95
100		35.5	94	3/8"	20	17.5	20	17.5	113.5	10	80	56.6	10	M10 × 1.5	16	114.5

Produs	A		A		AB	AC		AC		AF
	Fara magnet	Cu magnet	Fara magnet	Cu magnet		Fara magnet	Cu magnet			
Diametru/Model	ACQD	ACQJ	ACQD	ACQJ		ACQD	ACQJ	ACQD	ACQJ	
12	32.2	45.2	39.4	52.4	3.5	25.2	25.2	32.4	32.4	17
16	33	50	43	60	3.5	26	26	36	36	21
20	35	55	47	67	4.5	26	26	38	38	25
25	39	60.5	49	70.5	5	29	29	39	39	27
32	44.5	64.9	54.5	74.9	7	30.5	30.5	40.5	40.5	28
40	54	74.5	64	84.5	7	40	40	50	50	28
50	56.5	77	66.5	87	8	40.5	40.5	50.5	50.5	29
63	58	78.4	68	88.4	8	42	42	52	52	29
80	71	95.8	81	105.8	10	51	51	61	61	35.5
100	84.5	114.3	94.5	124.3	12	60.5	60.5	70.5	70.5	42.5

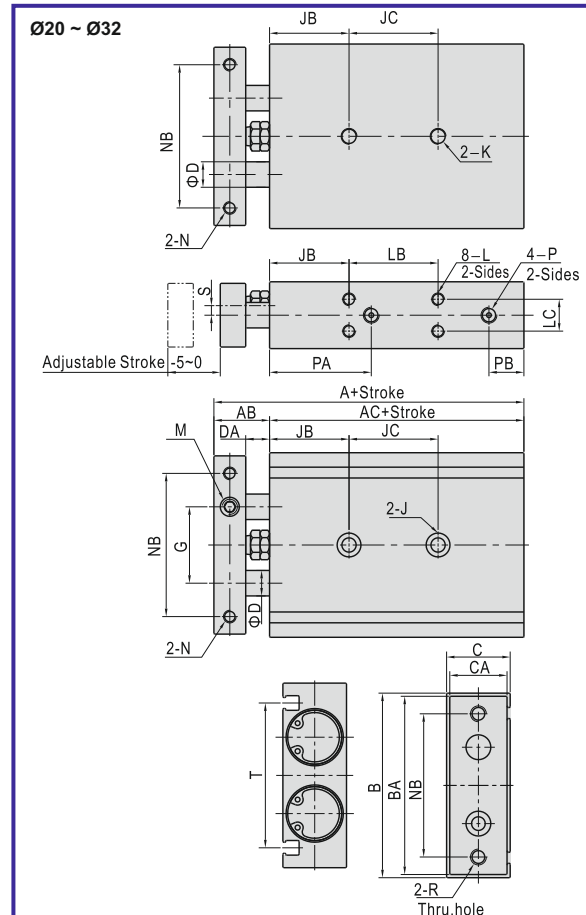
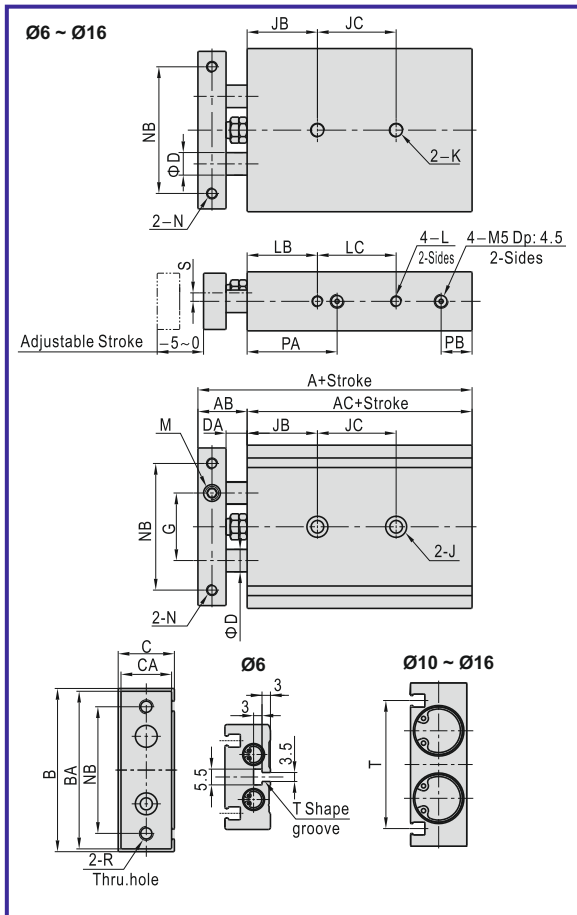
Diametru	E	EA	FA	PA	R
12	M3 × 0.5	6	4	9	M5 × 0.8
16	M4 × 0.7	8	5	9.5	M6 × 1.0
20	M5 × 0.8	7	6	9.5	M8 × 1.25
25	M6 × 1.0	9.5(St=5)/12(St>5)	6	11	M10 × 1.25
32	M8 × 1.25	9(St ≤ 10)/13(St > 10)	7	10	M12 × 1.25
40	M8 × 1.25	11(St ≤ 10)/13(St > 10)	7	13	M12 × 1.25
50	M10 × 1.5	12(St ≤ 10)/15(St > 10)	8	13.5	M16 × 1.5
63	M10 × 1.5	12(St ≤ 10)/15(St > 10)	8	14.5(St=5)/16(St>5)	M16 × 1.5
80	M16 × 2.0	14(St ≤ 15)/20(St > 15)	10	16	M20 × 1.5
100	M20 × 2.5	20(St ≤ 25)/26(St > 25)	13.5	21	M27 × 2.0

Cilindri antirotatie cu doua pistoane/doua tije "Twin-rod"



TR	16	x	40	--	S	--	G
Tip cilindru TR: Cilindru antirotatie "Twin-rod" cu dubla actiune	Diametru piston		Cursa		Magnet S: Cu magnet		Tip filet G: G P: PT

Diametru (Ø)	Curse standard	Maxim
6	10 20 30 40 50	50
10	10 20 30 40 50 60 70 75 80 90 100	100
16		200
20	10 20 30 40 50 60 70 75 80 90 100 125	200
25	150 175 200	200
32		200



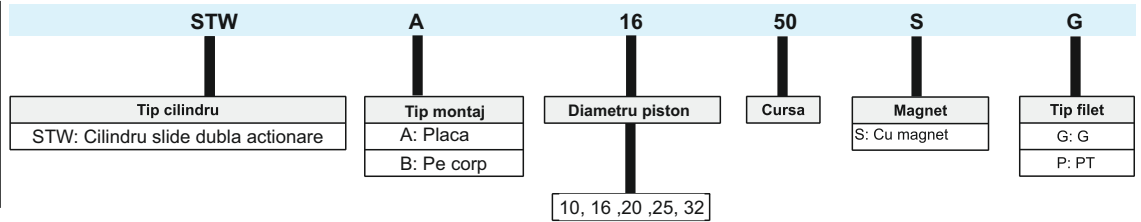
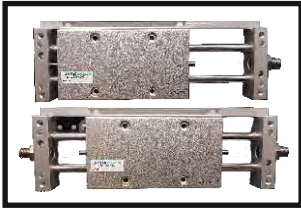
Diametru Cursa	A	AB	AC	B	BA	C	CA	D	DA	G	JC LC						PA	PB	S	T		
											10~25	30~50	60~80	90~100	125	150					175	200
6	58.5	13.5	45	37	35	16	14	4	8	16	JC=10+Stroke/2 LC=13+Stroke	-	-	-	-	-	-	24.5	6.5	4.5	26	
10	72	17	55	46	44	17	15	6	9	20	30	40	50	60	-	-	-	30	8	3.5	36.5	
16	79	19	60	58	56	20	18	8	9	25	25	35	45	55	65	75	145	145	38	8	5	46.5

Diametru	J		JB	K	L	LB	M	N	NB	R	
6	One-side: Ø 6.5 Dp: 3.5 Thru.hole : Ø 3.5		13	-	M3×0.5 Dp: 4.5	10	M3×0.5	M3×0.5	Thru.hole	28	M3×0.5
10	One-side: Ø 6.5 Dp: 3.5 Thru.hole : Ø 3.5		20	M4×0.7 Dp: 7	M3×0.5 Dp: 5	20	M5×0.8	M3×0.5	Thru.hole	35	M4×0.7
16	One-side: Ø 8.0 Dp: 4.5 Thru.hole : Ø 4.5		30	M5×0.8 Dp: 8	M4×0.7 Dp: 5	30	M6×1.0	M4×0.7	Thru.hole	45	M5×0.8

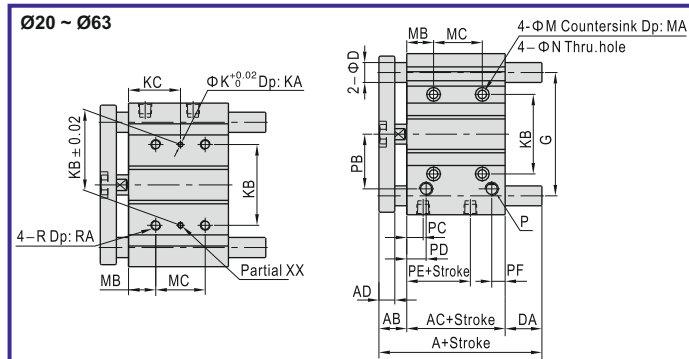
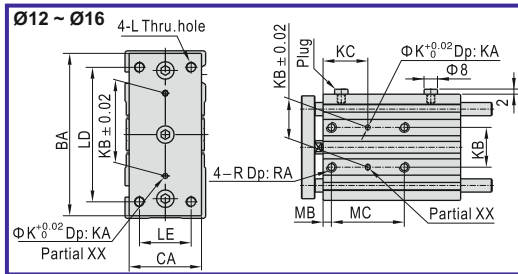
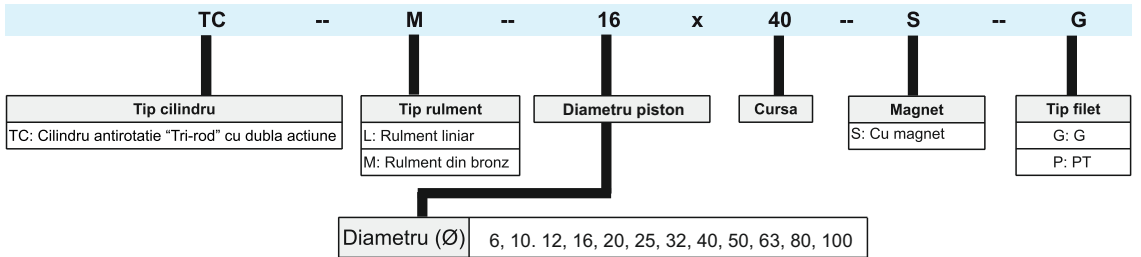
Diametru Cursa	A	AB	AC	B	BA	C	CA	D	DA	G	JB	JC LB						P	PA	PB	S	
												10~25	30~50	60~100	125	150	175					200
20	94	24	70	64	62	25	23	10	12	28	30	30	40	60	80	80	100	100	M5×0.8	46	9	6.5
25	96	24	72	80	78	30	28	12	12	35	30	30	40	60	80	80	100	100	1/8"	43	9	9
32	112	30	82	98	96	38	36	16	14	44	30	40	50	70	90	90	110	110	1/8"	53	10	11.5

Diametru	J	K	L	LC	M	N	NB	R	T
20	One-side: Ø 9.5 Dp: 5.5 Thru.hole : Ø 5.5	M6×1.0 Dp: 10	M4×0.7 Dp: 7	9.5	M8×1.25	M4×0.7 Dp: 6	50	M5×0.8	52
25	One-side: Ø 11 Dp: 6.5 Thru.hole : Ø 7	M8×1.25 Dp: 12	M5×0.8 Dp: 7	13	M8×1.25	M5×0.8 Dp: 7.5	60	M6×1.0	61
32	One-side: Ø 11 Dp: 6.5 Thru.hole : Ø 7	M8×1.25 Dp: 12	M5×0.8 Dp: 7	20	M10×1.5	M5×0.8 Dp: 8	75	M6×1.0	73

STW Cilindru "Slide"



TC Cilindri antirotatie "Tri-rod"

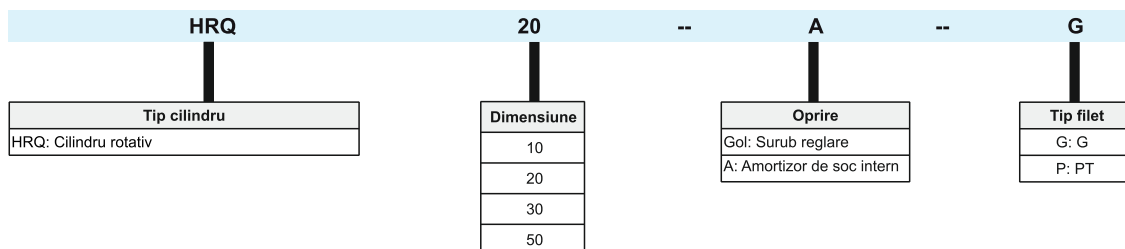


Produc Diametru	A				DA								MC				KC				
	TCL	TCM	TCL/TCM		TCL	TCM	TCM	TCM	TCM	TCM	TCM	TCM	TCM	TCM	TCM	TCM	TCM	TCM			
Cursa	≤30	≤30	31~100	101~200	>200	≤30	31~100	101~200	>200	≤30	31~100	101~200	>200	≤30	31~100	101~200	>200	≤30	31~100	101~200	>200
12	42	55	85	-	0	13	43	-	0	13	43	-	20	40	110	-	15	25	60	-	
16	46	65	95	-	0	19	49	-	0	19	49	-	24	44	110	-	17	27	60	-	
20	53	80	104	122	0	27	51	69	0	27	51	69	24	44	120	200	29	39	77	117	
25	53.5	82	104.5	122	0	28.5	51	68.5	0	28.5	51	68.5	24	44	120	200	29	39	77	117	
Cursa	≤50	≤50	51~100	101~200	>200	≤50	51~100	101~200	>200	≤50	51~100	101~200	>200	≤40	41~100	101~200	>200	≤40	41~100	101~200	>200
32	65	78	102	118	140	5.5	42.5	58.5	80.5	18.5	42.5	58.5	80.5	24	48	124	200	33	45	83	121
40	66	78	102	118	140	0	36	52	74	12	36	52	74	24	48	124	200	34	46	84	122
50	76	89	118	134	161	4	46	62	89	17	46	62	89	24	48	124	200	36	48	86	124
63	77	89	118	134	161	0	41	57	84	12	41	57	84	28	52	128	200	38	50	88	124

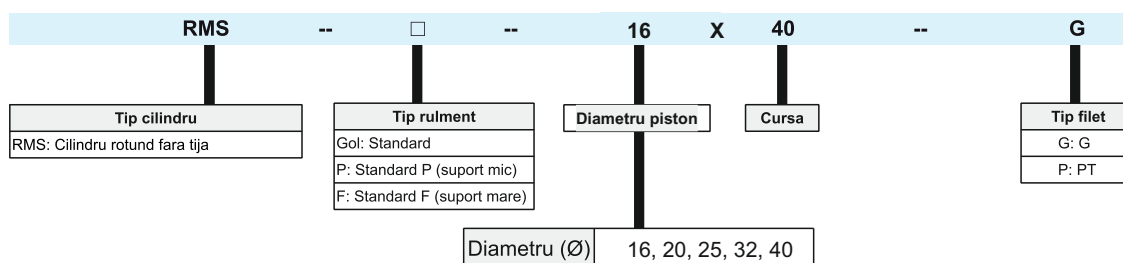
Diametru	AB	AC	AD	B	BA	C	CA	D(TCL)	D(TCM)	G	J	JA	K	KA	KB	L	LA	LB	LC	LD
12	13	29	8	58	56	26	22	6	8	41	3.5	3	3	6	23	M4×0.7	10	50	18	48
16	13	33	8	64	62	30	25	8	10	46	3.5	3	3	6	24	M5×0.8	12	56	22	54
20	16	37	10	83	81	36	30	10	12	54	3.5	3	3	6	28	M5×0.8	13	72	24	70
25	16	37.5	10	93	91	42	38	12	16	64	4.5	3	4	6	34	M6×1.0	15	82	30	78
32	22	37.5	12	112	110	48	44	16	20	78	4.5	3	4	6	42	M8×1.25	20	98	34	96
40	22	44	12	120	118	54	44	16	20	86	4.5	3	4	6	50	M8×1.25	20	106	40	104
50	28	44	16	148	146	64	60	20	20	110	6	4	5	8	66	M10×1.5	22	130	46	130
63	28	49	16	162	158	78	70	20	20	124	6	4	5	8	80	M10×1.5	22	142	58	130

Diametru	LE	M	MA	MB	N	P	PA	PB	PC	PD	PE	PF	R	RA	S	U	V	W	X	Y
12	14	8	4.5	5	4.5	M5×0.8	8	18	11	11	13	7.5	M5×0.8	10	37	7.5	4.5	4	2	6.5
16	16	8	4.5	5	4.5	M5×0.8	10	19	11	11	15	8	M5×0.8	10	38	7.5	4.5	4	2.5	7
20	18	9.5	5.5	17	5.5	1/8"	10.5	25	10.5	10.5	12.5	9	M6×1.0	12	44	8.5	5.5	4.5	3	8
25	26	9.5	5.5	17	5.5	1/8"	13.5	28.5	11.5	11.5	12.5	9	M6×1.0	12	50	8.5	5.5	4.5	3	8.5
32	30	11	7.5	21	6.5	1/8"	15	34	12.5	12.5	7	9	M8×1.25	16	63	10.5	6.5	5.5	3.5	9.5
40	30	11	7.5	22	6.5	1/8"	18	38	14	14	13	10	M8×1.25	16	72	10.5	6.5	5.5	4	11
50	40	14	9	24	8.5	1/4"	21.5	47	12	14	9	11	M10×1.5	20	92	13.5	8.5	7.5	4.5	13.5
63	50	14	9	24	8.5	1/4"	28	55	16.5	16.5	14	13.5	M10×1.5	20	110	18	11	10	7	18.5

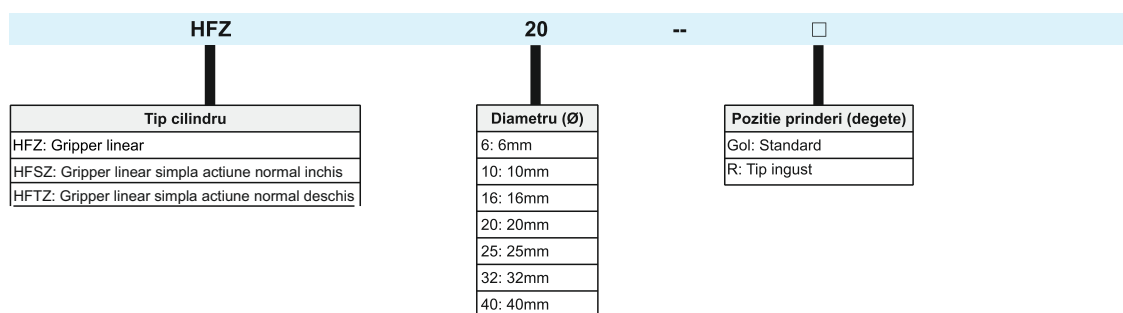
HRQ Cilindri pneumatici rotativi (unghiulari)



RMS Cilindri rotunzi fara tija

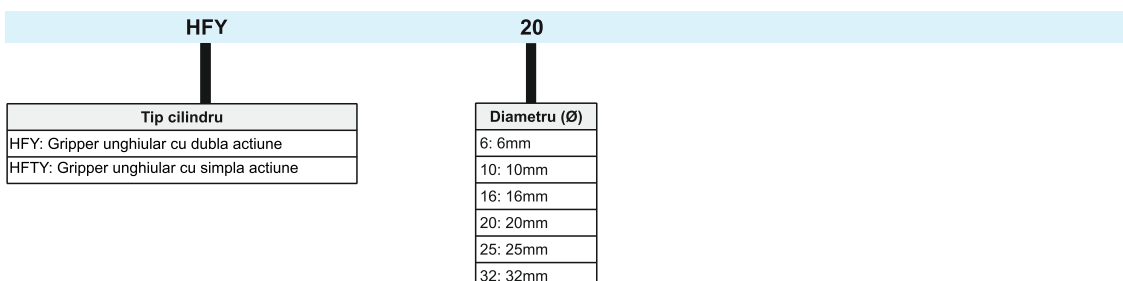


HFZ Gripperi lineari (paraleli)



Ø6, Ø32, Ø40 sunt disponibili doar cu pozitia standard

HFY Gripperi unghiulari



MD Cilindri montare multipla "Multi-Mount"

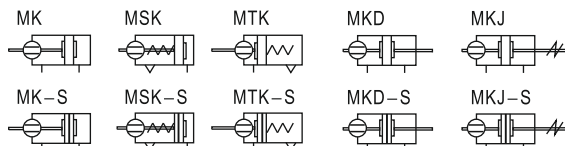

MD	16	x	40	□	S	--	G
Tip cilindru	Diametru piston		Cursa	Cursa reglabila	Magnet		Tip filet
MD: Cilindri multi-mount				10: 10mm	S: Cu magnet		G: G
MSD: Cilindri multi-mount simpla actiune (impingere)				20: 20mm	Gol: Fara magnet		P: PT
MTD: Cilindri multi-mount simpla actiune (tragere)				30: 30mm			
MDD: Cilindri multi-mount cu tija dubla							
MDJ: Cilindri multi-mount cursa reglabila							

Diametru (Ø)		Curse standard	Maxim
6	Dubla actiune	5 10 15 20 25 30 35	35
	Simpla actiune	5 10 15 20	20
10	Dubla actiune	5 10 15 20 25 30 35	35
	Simpla actiune	5 10 15 20	20
16	Dubla actiune	5 10 15 20 25 30 35 40 50	50
	Simpla actiune	5 10 15 20	20
20	Dubla actiune	5 10 15 20 25 30 35 40 50 60	60
	Simpla actiune	5 10 15 20	20
25	Dubla actiune	5 10 15 20 25 30 35 40 50 60	60
	Simpla actiune	5 10 15 20	20
32	Dubla actiune	5 10 15 20 25 30 35 40 50 60	60
	Simpla actiune	5 10 15 20	20

MK Cilindri antirotatie montare multipla "Multi-Mount"


MK	16	X	40	□	S	--	G
Tip cilindru	Diametru piston		Cursa	Cursa reglabila	Magnet		Tip filet
MK: Cilindru multi-mount antirotatie				10: 10mm	S: Cu magnet		G: G
MSK: Cilindru multi-mount antirotatie simpla actiune (impingere)				20: 20mm	Gol: Fara magnet		P: PT
MTK: Cilindru multi-mount antirotatie simpla actiune (tragere)				30: 30mm			
MKD: Cilindru multi-mount antirotatie cu tija dubla							
MKJ: Cilindru multi-mount antirotatie cursa reglabila							

Diametru (Ø)		Curse standard	Maxim
6	Dubla actiune	5 10 15 20 25 30 35	35
	Simpla actiune	5 10 15 20	20
10	Dubla actiune	5 10 15 20 25 30 35	35
	Simpla actiune	5 10 15 20	20
16	Dubla actiune	5 10 15 20 25 30 35 40 50	50
	Simpla actiune	5 10 15 20	20
20	Dubla actiune	5 10 15 20 25 30 35 40 50 60	60
	Simpla actiune	5 10 15 20	20
25	Dubla actiune	5 10 15 20 25 30 35 40 50 60	60
	Simpla actiune	5 10 15 20	20
32	Dubla actiune	5 10 15 20 25 30 35 40 50 60	60
	Simpla actiune	5 10 15 20	20



Accesorii tija


F		M20		150		I		I	
Cod accesoriu		Filet		Pas filet		Tip accesoriu			
M04	M4	070	0.7mm	I	Accesoriu I				
M05	M5	080	0.7mm						
M06	M6	100	1.0mm						
M08	M8	125	1.25mm						
M10	M10	125	1.25mm						
M12	M12	125	1.25mm						
M14	M14	150	1.5mm						
M16	M16	150	1.5mm						
M18	M18	150	1.5mm						
M20	M20	150	1.5mm						
M22	M22	150	1.5mm						
M26	M26	150	1.5mm						
M27	M27	200	2.0mm						
M36	M36	200	2.0mm						
M42	M42	200	2.0mm						

Tip accesoriu	
I	Standard ISO
Q	Standard ACQ
B	Standard PB



F		M20		150		Y		I	
Cod accesoriu		Filet		Pas filet		Tip accesoriu			
M04	M4	070	0.7mm	Y	Accesoriu tip Furca				
M05	M5	080	0.7mm						
M06	M6	100	1.0mm						
M08	M8	125	1.25mm						
M10	M10	125	1.25mm						
M12	M12	125	1.25mm						
M14	M14	150	1.5mm						
M16	M16	150	1.5mm						
M18	M18	150	1.5mm						
M20	M20	150	1.5mm						
M22	M22	150	1.5mm						
M26	M26	150	1.5mm						
M27	M27	200	2.0mm						
M36	M36	200	2.0mm						
M42	M42	200	2.0mm						

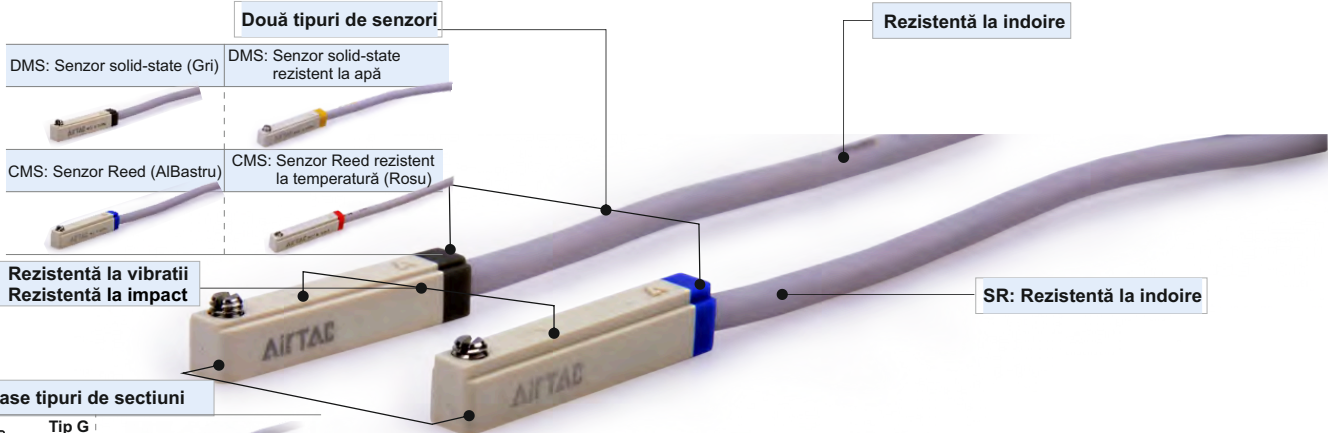
Tip accesoriu	
I	Standard ISO
E	Standard ISO (filet mai mic M10 pt MI)
Q	Standard ACQ
B	Standard PB



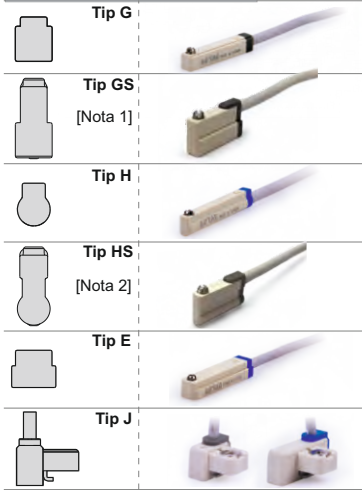
F		M20		150		F	
Cod accesoriu		Filet		Pas filet		Tip accesoriu	
M03	M3	050	0.5mm	F	Accesoriu tip buca		
M04	M4	070	0.7mm				
M05	M5	080	0.7mm				
M06	M6	100	1.0mm				
M08	M8	125	1.25mm				
M10	M10	125	1.25mm				
M12	M12	125	1.25mm				
M14	M14	150	1.5mm				
M16	M16	150	1.5mm				
M18	M18	150	1.5mm				
M20	M20	150	1.5mm				



F		M20		150		U	
Cod accesoriu		Filet		Pas filet		Tip accesoriu	
M04	M4	070	0.7mm	U	Accesoriu tip Nuca		
M05	M5	080	0.7mm				
M06	M6	100	1.0mm				
M08	M8	125	1.25mm				
M10	M10	125	1.25mm				
M12	M12	125	1.25mm				
M14	M14	150	1.5mm				
M16	M16	150	1.5mm				
M18	M18	150	1.5mm				
M20	M20	150	1.5mm				
M26	M26	150	1.5mm				
M27	M27	200	2.0mm				
M36	M36	200	2.0mm				

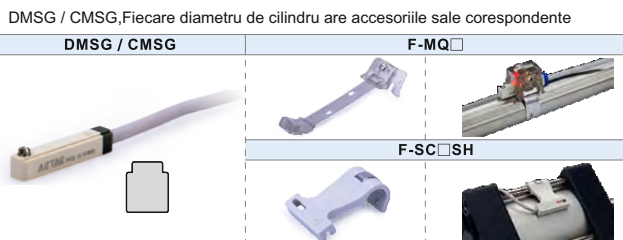


Sase tipuri de sectiuni



[Nota 1] Tipul GS este varianta mini a tipului G si poate fi folosit la cilindri cu o cursa scurta.
[Nota 2] Tipul HS este varianta mini a tipului H si poate fi folosit la cilindri cu o cursa scurta.

Două tipuri de accesorii



DMSG / CMSG, Fiecare diametru de cilindru are accesoriile sale corespondente

	Reed switch - 2 Fire	Solid state - 3 Fire NPN	Solid state - 3 Fire PNP
Conexiune generala			
Conexiune in serie (AND)			
Conexiune in paralel (OR)			

Specificatii tehnice DMS

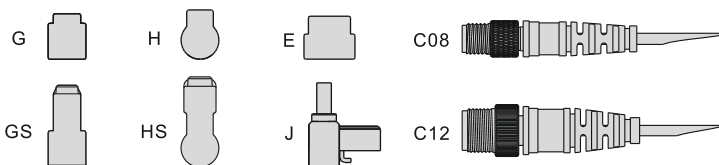
Model	DMS		
	2 fire	NPN	PNP
Tensiune alimentare	10V ~ 28V DC	5V ~ 30V DC	
Curent comutare	2.5mA ~ 100mA	30V/200mA Max.	
Capacitate contact	2.8W Max.	6.0W Max.	
Consum de curent	3mA Max.	5mA Max.	
Consum de tensiune	2.7V Max.	0.7V Max.	
Consum de curent	0.05mA Max.	0.01mA Max.	
Frecventa	1000Hz		
Rezistenta la impact	50G		
Protectia circuitului	Protectia la scurtcircuit		
Temperatura de lucru	-10°C ~ 70°C		
Protectie	IP64/IP68		
Standard	CE RoHS		

Specificatii tehnice CMS

Produs	CMS	
	General	Rezistent la caldura
Model	General	
Tensiune alimentare	5V ~ 240V AC/DC	
Curent comutare	100mA	
Capacitate contact	10W Max.	
Consum de curent	N/A	
Consum de tensiune	2.5V Max. @100mA DC	N/A
Consum de curent	N/A	
Frecventa	200Hz	
Rezistenta la impact	50G	
Protectia circuitului	N/A	
Temperatura de lucru	-10°C ~ 70°C	-10°C ~ 125°C
Protectie	IP64	
Standard	CE RoHS	

DMS, CMS Series
Cod de comanda pentru DMS
DMS G - □ 020- □

1 2 3 4 5



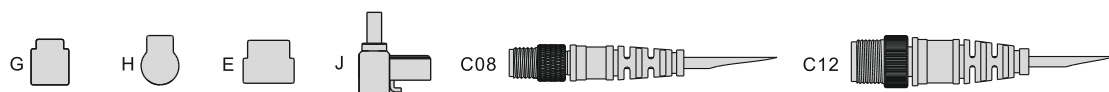
1: Model	DMS: Senzori solid-state					
2: Specificatii	G	GS	H	HS	E	J
3: Tipul de iesire	GOL: 2 fire		N: NPN		P: PNP	
4: Lungimea firului	020: 2m		030: 3m	050: 5m		
5: Specificatii suplimentare	C08: 150 mm + conecor M8			C12: 150 mm + conecor M12		
	GOL: Standard			W: rezistent la apa Ip68 [Nota 1]		

[Nota 1] Nu exista protectie termica pentru conectorii M8 si M12

6.

Cod de comanda pentru CMS
CMS G - 020- □

1 2 3 4



1: Model	CMS: Senzori reed					
2: Specificatii	G	H	E	J		
3: Lungimea firului	020: 2m		030: 3m	050: 5m		
4: Specificatii suplimentare	C08: 150 mm + conecor M8			C12: 150 mm + conecor M12		
	GOL: Standard			W: rezistent la apa IP68 [Nota 2]		

[Nota 2] Nu exista protectie termica pentru conectorii M8 si M12

Cod de comanda pentru accesorii
F - MQ □
Accesorii pentru cilindri

1 2 3



1: Categorie	F: Accesoriu								
2: Model	MQ: Accesoriu cilindri								
3. Cilindru	Aliaj de aluminiu			Aliaj de aluminiu (Tip gros)			Inox		
	Cod	Pentru seria	Diametru	Cod	Pentru seria	Diametru	Cod	Pentru seria	Diametru
	A20: Φ20mm	MCK	Φ20	A32T: Φ32mm	TWG	Φ32	S06: Φ6mm	PB/PBR MI MF MG MA/MAC	Φ6
	A25: Φ25mm		Φ25	A40T: Φ40mm		Φ40	S08: Φ8mm		Φ8
	A32: Φ32mm		Φ32	A50T: Φ50mm		Φ50	S10: Φ10mm		Φ10
	A40: Φ40mm		Φ40	S12: Φ12mm		Φ12			
	A50: Φ50mm	MBL	Φ50	S16: Φ16mm	Φ16				
	A63: Φ63mm	Φ63	S20: Φ20mm	Φ20					
	A80: Φ80mm	Φ80	S25: Φ25mm	Φ25					
				S32: Φ32mm	Φ32				
			S40: Φ40mm	Φ40					
			S50: Φ50mm	Φ50					
			S63: Φ63mm	Φ63					




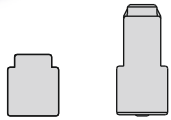


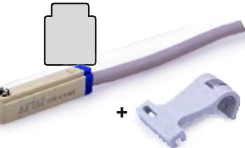

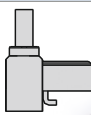


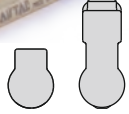
F - SC □ SH
Accesorii pentru cilindri cu tiranti

1 2 3 4

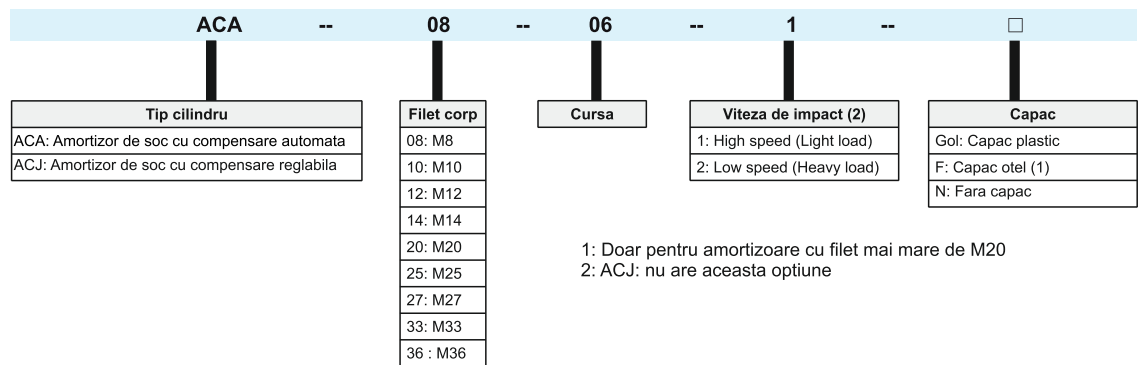


1: Categorie	F: Accesoriu		
2: Model	SC: Cilindri cu tiranti		
3. Cilindru	Cod	Pentru seria	Diametru
	32	SC SGC	Φ32, Φ40, Φ50
	63		Φ63
	80		Φ80, Φ100
	125		Φ125
	160		Φ160, Φ200
250	Φ250		
3. Atasari			

Selectarea senzorului in functie de seria cilindrului

DMSE	CMSE	SE/BSE						SAI								ACE																			
		32	40	50	63	80	100	125	32	40	50	63	80	100	125	160	200	12	16	20	25	32	40	50	63	80	100								
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●								
DMSG(S)	CMSG	HFK						ACQ TACQ										SDA																	
		10	16	20	25	32	40	12	16	20	25	32	40	50	63	80	100	125	140	160	12	16	20	25	32	40	50	63	80	100					
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
		TWQ			TCL TCM						QCK						TWH TWM																		
		20	25	32	40	50	6	10	12	16	20	25	32	40	50	63	80	100	12	16	20	25	32	40	50	63	80								
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●								
		SAU			HFZ				HFY				HFP				MD MK																		
		32	40	50	63	80	100	6	10	16	20	25	32	40	6	10	16	20	25	32	10	16	20	25	32	6	10	16	20	25	32				
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
		TR			STW																														
		6	10	16	20	25	32	10	16	20	25	32																							
		●	●	●	●	●	●	●	●	●	●																								
		Stainless steel																																	
		PB PBR				MI								MF				MG				MA MAC													
		6	8	10	12	16	8	10	12	16	20	25	32	40	20	25	32	40	20	25	32	40	50	63	16	20	25	32	40	50	63				
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
		Aluminum alloy												Aluminum alloy (Thick type)																					
														MBL				MCK				TWG													
														20	25	32	50	50	63	25	32	40	50	63	80	32	40	50							
														●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
		SC						SGC						Este necesar un accesoriu pentru a se monta pe cilindru																					
		32	40	50	63	80	100	125	160	200	250	125	160																					200	250
		●	●	●	●	●	●	●	●	●	●	●	●																					●	●
DMSJ	CMSJ	ACQ TACQ						SDA								TWQ			QCK				QDK				TN								
		32	40	50	63	80	100	12	16	20	25	32	40	50	63	80	100	32	40	50	32	40	50	63	20	25	32	40	10	16	20	25	32		
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
		TWH TWM																																	
		20	25	32	40	50	63	80																											
		●	●	●	●	●	●																												
DMSH(S)	CMSH	ACQ TACQ			TC		HFZ				HFY		HFP		HFR				HFC				HFT												
		125	140	160	6	10	6	10	16	20	25	32	40	6	32	10	16	20	25	32	16	20	25	32	40	50	63	10	16	20	25	32			
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
		QDK		HLQ HLQL				HLS HLSL				MU		HLH		MPG																			
		20	25	32	40	6	8	12	16	20	25	6	8	12	16	20	25	6	8	12	16	20	6	10	16	20	6	8	10	12	16				
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
		HRQ						HFK																											
		2	3	7	10	20	30	50	70	100	200	10	16	20	25	32	40																		
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●																			

Amortizoare de soc

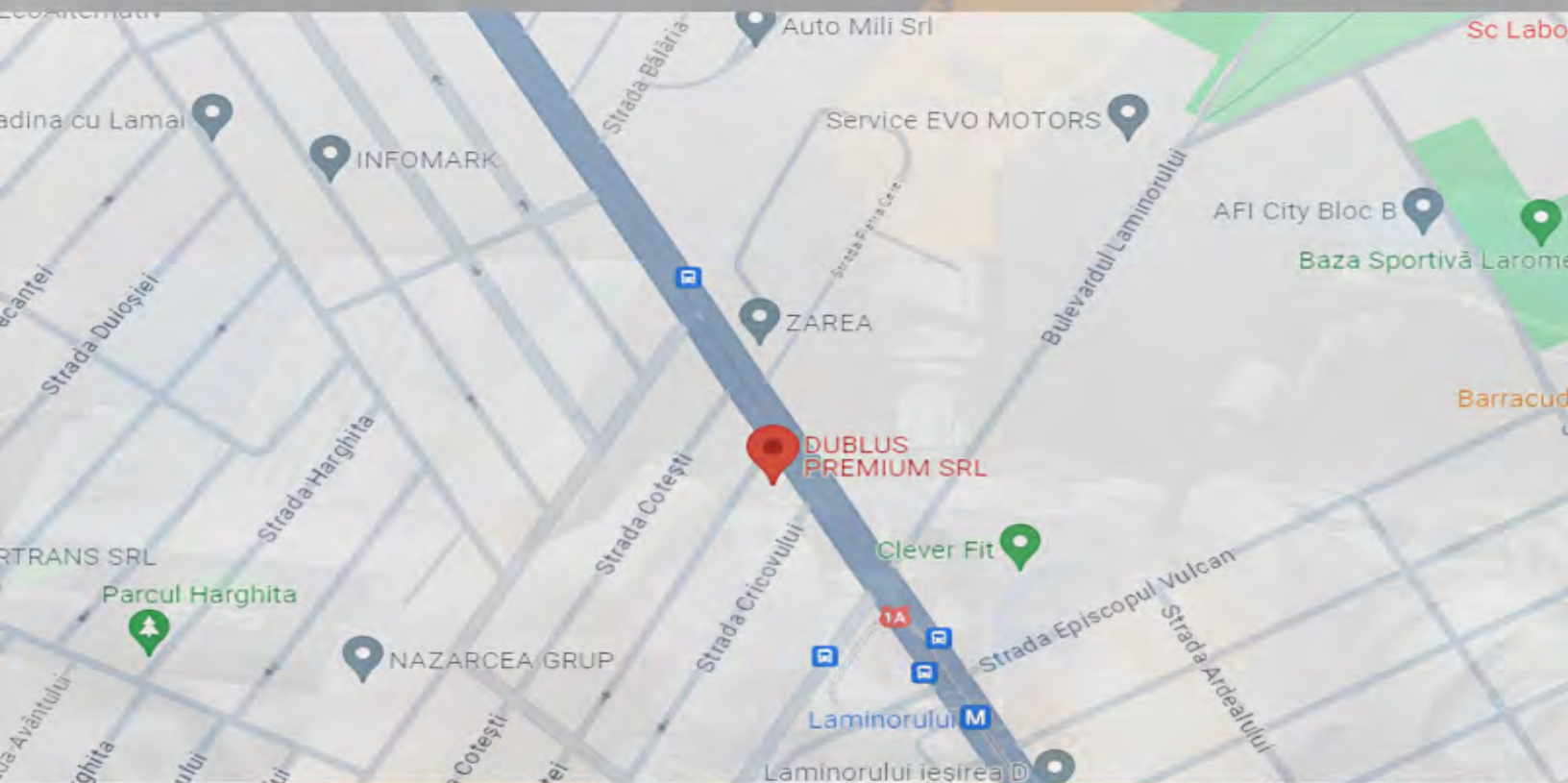


Model	Cursa (mm)	Energia maxima absorbita (Nm)	Energia maxima absorbita pe ora (Nm/ora)	Masa maxima efectiva (Kg)		Viteza maxima de impact (m/s)		Greutate (g)
				High speed	Low speed	High speed	Low speed	
ACA0806	6	3	5400	5	25	4	2	12
ACA1007	7	6	14500	10	50	4	2	26
ACA1210	10	10	30000	18	80	4	2	40
ACA1412	12	20	36000	35	160	4	2	70
ACA2020	20	60	50000	240	960	4	2	175
ACA2040	40	80	65000	320	1280	4	2	225
ACA2525	25	100	75000	400	1600	4	2	290
ACA2550	50	150	85000	600	2400	4	2	370
ACA2725	25	140	85000	560	2240	4	2	372
ACA2750	50	250	95000	1000	4000	4	2	475
ACA3325	25	180	100000	720	2880	4	2	596
ACA3350	50	300	120000	1200	4800	4	2	750
ACA3625	25	220	135000	880	2500	4	2	702
ACA3650	50	350	150000	1400	5600	4	2	889
Model	Cursa (mm)	Energia maxima absorbita (Nm)	Energia maxima absorbita pe ora (Nm/ora)	Masa maxima efectiva (Kg)		Viteza maxima de impact (m/s)		Greutate (g)
ACJ0806	7	6	14500	50		4		28
ACJ1210	10	10	30000	80		4		43
ACJ1412	12	20	36000	160		4		75
ACJ2020	20	60	50000	960		4		189
ACJ2525	25	100	75000	1600		4		308
ACJ2550	50	150	85000	2400		4		395
ACJ2725	25	140	85000	2240		4		396
ACJ2750	50	250	95000	4000		4		510
ACJ3325	25	180	100000	2880		4		540
ACJ3550	50	300	110000	4800		4		800
ACJ3625	25	220	125000	2500		4		750
ACJ3650	50	350	130000	5600		4		950
ACJ4225	25	350	150000	5600		4		1150
ACJ4250	50	700	180000	11200		4		1420
ACJ4275	75	1050	210000	16800		4		1720



Diametru piston (mm)			Presiune de lucru (bar)										
	Directie actiune	(Cm)	(Kgf)	1	2	3	4	5	6	7	8	9	10
8	Impingere	0,50	Fi	1	1	2	2	3	3	4	4	5	5
	Tragere	0,38	Fg	0	1	1	2	2	2	3	3	3	4
10	Impingere	0,79	Fi	1	2	2	3	4	5	5	6	7	8
	Tragere	0,66	Fg	1	1	2	3	3	4	5	5	6	7
12	Impingere	1,13	Fi	1	2	3	5	6	7	8	9	10	11
	Tragere	0,85	Fg	1	2	3	3	4	5	6	7	8	8
16	Impingere	2,01	Fi	2	4	6	8	10	12	14	16	18	20
	Tragere	1,73	Fg	2	3	5	7	9	10	12	14	16	17
20	Impingere	3,14	Fi	3	6	9	13	16	19	22	25	28	31
	Tragere	2,64	Fg	3	5	8	11	13	16	18	21	24	26
25	Impingere	4,91	Fi	5	10	15	20	25	29	34	39	44	49
	Tragere	4,12	Fg	4	8	12	16	21	25	29	33	37	41
32	Impingere	8,04	Fi	8	16	24	32	40	48	56	64	72	80
	Tragere	6,91	Fg	7	14	21	28	35	41	48	55	62	69
40	Impingere	12,56	Fi	13	25	38	50	63	75	88	100	113	126
	Tragere	10,55	Fg	11	21	32	42	53	63	74	84	95	106
50	Impingere	19,63	Fi	20	39	59	79	98	118	137	157	177	196
	Tragere	16,49	Fg	16	33	49	66	82	99	115	132	148	165
63	Impingere	31,16	Fi	31	62	93	125	156	187	218	249	280	312
	Tragere	28,02	Fg	28	56	84	112	140	168	196	224	252	280
80	Impingere	50,24	Fi	50	100	151	201	251	301	352	402	452	502
	Tragere	45,33	Fg	45	91	136	181	227	272	317	363	408	453
100	Impingere	78,50	Fi	79	157	236	314	393	471	550	628	707	785
	Tragere	73,59	Fg	74	147	221	294	368	442	515	589	662	736
125	Impingere	122,66	Fi	123	245	368	491	613	736	859	981	1104	1227
	Tragere	114,62	Fg	115	229	344	458	573	688	802	917	1032	1146
160	Impingere	200,96	Fi	201	402	603	804	1005	1205	1407	1608	1809	2010
	Tragere	188,40	Fg	188	377	565	754	942	1130	1319	1507	1696	1884
200	Impingere	314,00	Fi	314	628	942	1256	1570	1884	2198	2512	2826	3140
	Tragere	301,44	Fg	301	603	904	1206	1507	1809	2110	2412	2713	3014
250	Impingere	490,63	Fi	491	981	1472	1963	2453	2944	3434	3925	4416	4906
	Tragere	471,00	Fg	471	942	1413	1884	2355	2826	3297	3768	4239	4710
320	Impingere	803,84	Fi	804	1608	2412	3215	4019	4823	5627	6431	7235	8038
	Tragere	772,68	Fg	773	1545	2318	3091	3863	4636	5409	6181	6954	7727

"Construim viitorul, piesă cu piesă"



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