

„Sunt convins că ceea ce diferențiază jumătatea antreprenorilor de succes de cei care nu au succes este pur și simplu perseverența.”

Steve Jobs

Despre lucrurile făcute zi de zi cu pasiune

Air Tech Solutions este o poveste despre pasiunea de a face lucrurile cu dăruire și perseverență. Am început acest proiect în plină criză, când toată lumea își făcea griji pentru ziua de mâine, când se făceau reduceri masive de personal și nimeni nu mai îndrăznește să facă investiții. După o experiență de 6 ani pe un post de Chief Operation Officer, în care am dezvoltat proiecte semnificative, am simțit că este timpul să îmi dezvolt propria mea afacere. Cunoștințele acumulate în anii de facultate din cadrul Institutului Politehnic București, experiența ca profesor universitar și ulterior cei peste 10 ani în vânzări și logistică la două mari companii din țară m-au ajutat să dobândesc cunoștințele necesare pentru a începe acest proiect. Proiectul meu. Știam că, dacă te implici cu pasiune și dedicare, este imposibil să nu reușești. Așa că am riscat, plecând de la un loc de muncă stabil, deschizându-mi propria afacere.

În aprilie 2010, am demarat cu un singur furnizor, cu importuri la valori mici (2000-3000 eur) o dată la 2-3 luni, neștiind ce rulaj puteam avea pentru fiecare reper. Le făceam pe toate: vânzări, logistică, marketing, proiectare, montaj, etc.

Astăzi, după 9 ani, suntem o echipă stabilă, în continuă dezvoltare, facem importuri săptămânal, avem peste 10 furnizori din Italia (cei mai importanți sunt AirTac, Gav, AirWork, Mebra, Waircom, AZ Pneumatica, Pneumax), un nomenclator cu 12.000 produse, peste 4000 clienți în baza de date și sute de proiecte reușite în toată țara, derulate împreună cu dumneavoastră, partenerii noștri.

Proiectul de suflet al acestui an este cel realizat împreună cu partenerii de la Clemessy Automatizare SRL, pentru laboratorul de testare din cadrul Uzinelor Dacia. Un efort semnificativ de câteva luni în proiectare și execuție, răsplătit cu satisfacții (și zâmbete) de ambele părți.

Produsele noastre au dus la îmbunătățirea performanțelor pentru producători din diverse domenii, precum cel de componente auto: Takata, Continental, Valedo, Elj Automotive, Metaplast, Romcap, Coficab; procesatori de carne: Fox Comserv, Banvit, Integra, Avicola, Cris-Tim; produse de unică folosință: Romdist, Arise, Piramida, Tissue Land; stații de betoane: Carpat Beton, Nest, RGD, producători de profile PVC: Romcosystem, Speedrom; tipografii: Sothis, Eticheta, Brander Promo, Agrafa, Romprint; domeniul farmaceutic: Biofarm, Slavia Pharm, Laropharm, Antibiotice, Picofarm, FarmaClass Industry; sau din alte domenii: Alexandrion, Strauss Romania (DonCaffe), Frigopoint, Atifco, Best Foods, Negro 2000, Auchan Romania, Cora Hipermarche și mulți alții.

Știm că ajutorul cel mai important în producție este asigurarea bunei funcționări a utilajelor. Am auzit de nenumărate ori „îmi trebuie urgent, îmi stă producția”, așadar am decis să avem în stoc toate produsele necesare pentru livrări rapide. Suntem mândri să anunțăm că, la sfârșitul anului 2018, avem disponibile pe stoc în depozitul din București produse în valoare de peste 500.000 euro.

În curând, vom finaliza achiziția terenului pentru construirea unui showroom modern, în care să vă prezentăm cele mai noi soluții și tendințe din domeniul nostru, al pneumaticii. Va fi casa noastră, unde vă așteptăm cu drag să continuăm împreună proiecte reușite.

Să avem un an plin de succes!

Jack Grigore

Director General

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



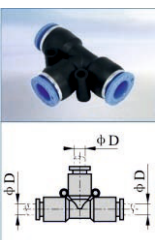
Diametru ØD	Filet (G)				
	M5	1/8	1/4	3/8	1/2
4	BPLLM54	BPLL184	BPLL144	-	-
6	BPLLM56	BPLL186	BPLL146	BPLL386	BPLL126
8	-	BPLL188	BPLL148	BPLL388	BPLL128
10	-	BPLL1810	BPLL1410	BPLL3810	BPLL1210
12	-	-	BPLL1412	BPLL3812	BPLL1212

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



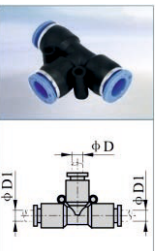
Diametru ØD	COD
4	BPE4
6	BPE6
8	BPE8
10	BPE10
12	BPE12
14	BPE14
16	BPE16

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



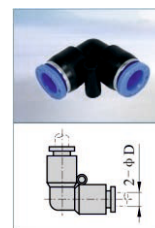
Diametru ØD1	Diametru (ØD)			
	4	6	8	10
6	BPGJ64	-	-	-
8	BPGJ84	BPGJ86	-	-
10	-	BPGJ106	BPGJ108	-
12	-	BPGJ126	BPGJ128	BPGJ1210

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



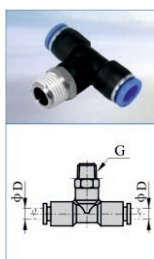
Diametru ØD	COD
4	BPVL4
6	BPVL6
8	BPVL8
10	BPVL10
12	BPVL12
14	BPVL14
16	BPVL16

BSL Regulator debit 90° filet exterior



Diametru ØD	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

BPB Conector rapid T filet exterior pe mijloc



Diametru ØD	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



Diametru ØD	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



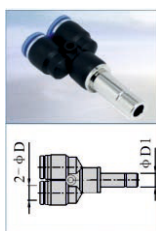
Diametru ØD	COD
4	BPYG4
6	BPYG6
8	BPYG8
10	BPYG10
12	BPYG12

BPH Conector rapid 90° BANJO filet exterior



Diametru ØD	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



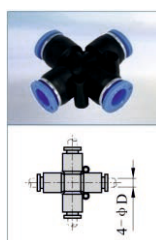
Diametru ØD1	Diametru (ØD)			
	4	6	8	10
6	BPYGJ64	-	-	-
8	BPYGJ84	BPYGJ86	-	-
10	-	BPYGJ106	BPYGJ108	-
12	-	-	BPYGJ128	BPYGJ1210

BPH2 Conector rapid 90° BANJO dublu filet exterior



Diametru ØD	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

BPH3 Conector rapid 90° BANJO triplu filet exterior



Diametru ØD	Filet (G)			
	1/8	1/4	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



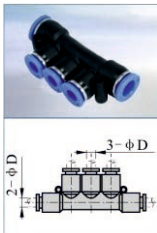
Diametru ØD	COD
4	BPM4
6	BPM6
8	BPM8
10	BPM10
12	BPM12

BPP Dop pentru cupla push-in



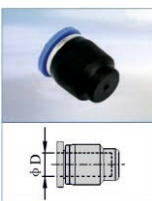
Diametru ØD	COD
4	BPP4
6	BPP6
8	BPP8
10	BPP10
12	BPP12

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



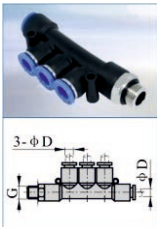
Diametru ØD	Diametru (ØD)			
	4	6	8	
6	BPKJ64	-	-	
8	BPKJ84	BPKJ86	-	
10	-	BPKJ106	BPKJ108	

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



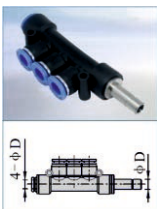
Diametru ØD	Filet (G)					
	M5	1/8	1/4	3/8	1/2	
4	BPKDM54	BPKD184	BPKD144	-	-	
6	BPKDM56	BPKD186	BPKD146	BPKD386	-	
8	-	BPKD188	BPKD148	BPKD388	BPKD128	
10	-	BPKD1810	BPKD1410	BPKD3810	BPKD1210	

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



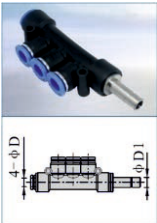
Diametru ØD	COD
4	BPJ4
6	BPJ6
8	BPJ8
10	BPJ10

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

BPOC - Conector rapid drept corp rotund filet exterior



Diametru ØD	M5	1/8	Filet (G)	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	-

BPCM Conector rapid drept metalic filet exterior



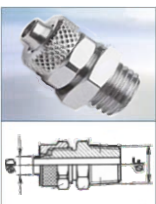
Diametru ØD	M5	1/8	Filet (G)	1/4	3/8	1/2
4	BPCM M5-4	BPCM 184	BPCM 144	-	-	-
6	BPCM M5-6	BPCM 186	BPCM 146	BPCM 386	BPCM 126	-
8	-	BPCM 188	BPCM 148	BPCM 388	BPCM 128	-
10	-	BPCM 1810	BPCM 1410	BPCM 3810	BPCM 1210	-
12	-	-	BPCM 1412	BPCM 3812	BPCM 1212	-

BPLT Conector rapid 90° metalic filet exterior



Diametru ØD	M5	1/8	Filet (G)	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-3010 - Conector rapid drept metalic push-on filet exterior



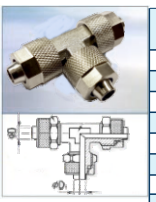
Diametru ØD	1/8	1/4	3/8	1/2
4X2,5	RC3010/1	-	-	-
6X4	RC3010/2	RC3010/3	-	-
8X6	RC3010/5	RC3010/6	RC3010/7	-
10X8	-	RC3010/9	RC3010/10	RC3010/11
10X6,5	-	RC3010/9A	RC3010/10A	RC3010/11A
12x8	-	-	RC3010/12A	RC3010/14
12X10	-	-	RC3010/12	RC3010/13

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



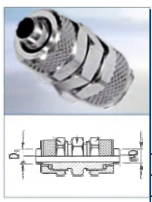
Diametru ØD	1/8	1/4	3/8	1/2
4X2,5	RC3020/1	-	-	-
6X4	RC3020/2	RC3020/3	-	-
8X6	RC3020/5	RC3020/6	RC3020/7	-
10X8	-	RC3020/9	RC3020/10	RC3020/11
10X6,5	-	RC3020/9A	RC3020/10A	RC3020/11A
12X8	-	-	RC3020/12A	RC3020/14
12X10	-	-	RC3020/12	RC3020/13

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



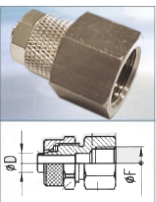
Diametru ØD	COD
4X2,5	RC3140/1
6X4	RC3140/2
8X6	RC3140/3
10X8	RC3140/5
10X6,5	RC3140/7
12X10	RC3140/8
6X4 - 4X2,5	RC3140/0
8X6 - 6X4	RC3140/4

RC-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

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



Diametru ØD	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	-

BHVA Valva 3/2 cu exhaustare



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

BPCVU Supapa de sens pe furtun



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

BHVV Robinet pe furtun schema 2/2



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

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

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 sablat rezervor jos
PA220001	Pistol de spalare rezervor jos
61/AC	Pistol de spalare 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



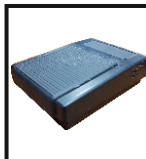
Cod	Denumire
COL 8-12	Colier de strangere 8-12
COL 10-16	Colier de strangere 10-16
COL 12-20	Colier de strangere 12-20
COL 20-32	Colier de strangere 20-32

Distribuitoare cu levier



Cod	Denumire
VM4010105302	Distributor cu levier sus 5/2 1/4"
VM4010105202	Distributor cu levier sus 5/2 1/8"

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 poliuretan - temperatura de lucru -20° +60°


COD	Denumire	Presiune lucru	Presiune spargere
BPOT4X2,5	Furtun poliuretan 4x2,5	15 bar	46 bar
BPOT6X4	Furtun poliuretan 6x4	13 bar	40 bar
BPOT8X5,5	Furtun poliuretan 8x5,5	12 bar	37 bar
BPOT10X6,5	Furtun poliuretan 10x6,5	14 bar	42 bar
BPOT12X8	Furtun poliuretan 12x8	13 bar	40 bar
BPOT14X10	Furtun poliuretan 14x10	14 bar	42 bar
BPOT16X12	Furtun poliuretan 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 PA 6,6 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 alimentar - 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 siliconic - temperatura de lucru -60° +200°


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

TK 2800 - Furtun Kynarflex2800 - 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°

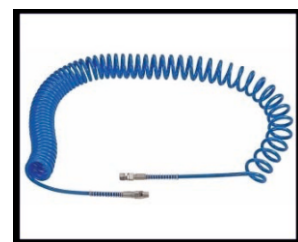

COD	Denumire	Presiune lucru	Presiune spargere
PVDF 2X4	Furtun Kynar 4000 2X4	78 bar	233 bar
PVDF 4X6	Furtun Kynar 4000 4X6	47 bar	140 bar
PVDF 6X8	Furtun Kynar 4000 6X8	33 bar	100 bar
PVDF 8X10	Furtun Kynar 4000 8X10	26 bar	78 bar
PVDF 10X12	Furtun Kynar 4000 10X12	21 bar	64 bar

Furtun spiralat rilsan 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 rilsan + 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 poliuretan spira mica


SR	Ø80	Ø55	BU	10	1
Tip furtun	Ø exterior	Ø interior	Culoare	Lungime	Capete
Furtun spiralat poliuretan	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 textila


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

CRTA Furtun cauciuc 20 bar

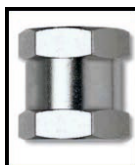

COD	Denumire	Presiune de lucru
CRTA6X12	Furtun de cauciuc 6X12	20 bar
CRTA8X15	Furtun de cauciuc 8X15	20 bar
CRTA10X18	Furtun de cauciuc 10X18	20 bar
CRTA13X21	Furtun de cauciuc 13X21	20 bar

1216 Reductie inversa alama nichelata


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

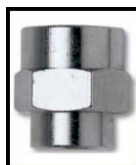

Cod	Denumire
1233/1	Stut furtun Ø6 alama nichelata FE 1/8
1233/2	Stut furtun Ø6 alama nichelata FE 1/4
1233/3	Stut furtun Ø8 alama nichelata FE 1/8
1233/4	Stut furtun Ø8 alama nichelata FE 1/4
1233/5	Stut furtun Ø8 alama nichelata FE 3/8
1233/6	Stut furtun Ø10 alama nichelata FE 3/8
1233/7	Stut furtun 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 Reductie ingropata alama nichelata


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



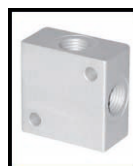
Cod	Denumire
677001	Robinet mini FI 1/8"
677002	Robinet mini FI 1/4"
677003	Robinet mini FI 3/8"
677004	Robinet mini FI 1/2"

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



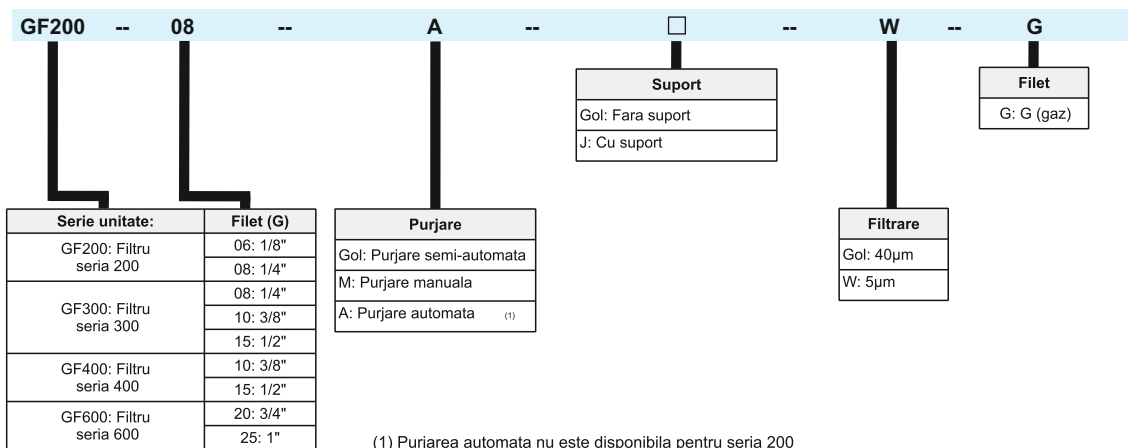
GR200	--	08	L	--	--	--	F	--	3	--	--	G	K
		Tip		Manometru		Unitate		Filet					
		Gol: Standard 0-10 bar		Gol: Echipat cu manometru		3: bar		G: G (gaz)					
		L: Presiune mica 0-4 bar		N: Fara manometru									
		Serie unitate:		Filet (G)		Suport		Tip manometru		Valva reflux			
		GR200: Regulator seria 200		06: 1/8"		Gol: Cu suport		F: Manometru incorporat		Gol: Fara valva de reflux			
		GR300: Regulator seria 300		08: 1/4"		J: Fara suport		C: Manometru exterior		K: Valva de reflux atasat			
		GR400: Regulator seria 400		10: 3/8"									
		GR600: Regulator seria 600		15: 1/2"									
				20: 3/4"									
				25: 1"									

GPR Regulator de presiune de precizie cu manometru



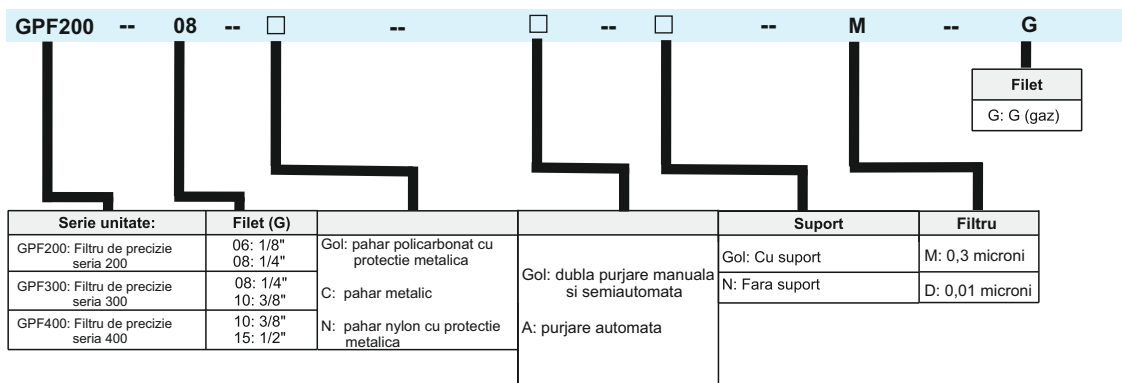
GPR200		--	08	--	H	--	--	--	--	G

GF Filtru anticondens

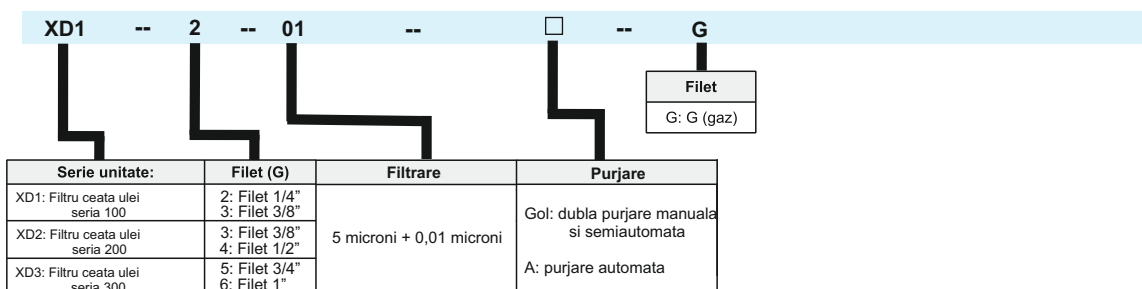


(1) Purjarea automata nu este disponibila pentru seria 200

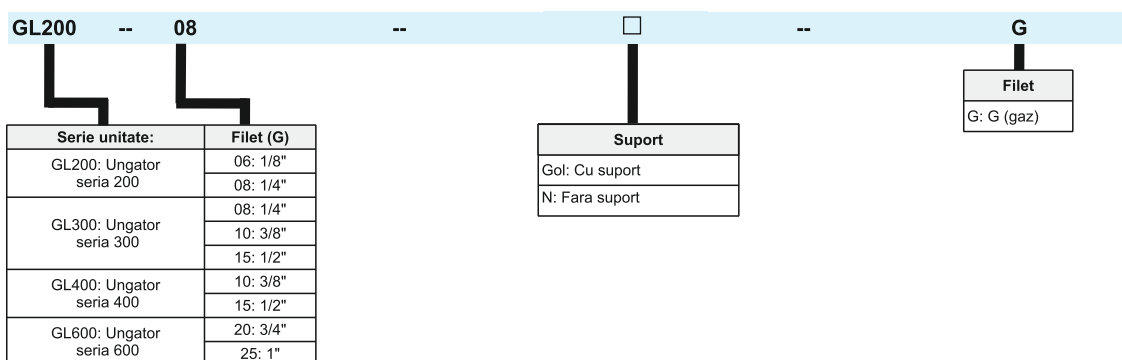
GPF Filtru de precizie



XD Ansamblu filtrare ultrafin 5 microni + 0,01 microni



GL Lubrificator 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									

(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

(1) Purjarea automata nu este disponibila pentru seria 200

GFR Unitate filtrare cu regulator de presiune



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

(1) Purjarea automata nu este disponibila pentru seria 200

(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	3: bar		A: 220V AC (50/60Hz)		G: G (gaz)	
				N: Fara manometru			B: 24V DC			
							C: 110V AC (50/60Hz)			
							E: 24V AC (50/60Hz)			
							F: 12V DC			

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



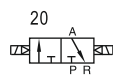
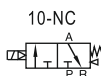
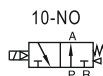
3V	1	--	06	--	--	A	G
Model	Cod		Filet			Tensiune	Tip filet
3V: Solenoid (Schema 3/2)	1: Seria 1 2: Seria 2		M5: M5 06: 1/8" 08: 1/4"			A: 220V AC (50/60Hz) B: 24V DC C: 110V AC (50/60Hz) E: 24V AC (50/60Hz) F: 12V DC	P: PT T: NPT G: G



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



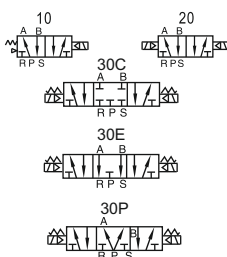
3V	1	--	10	--	06	--	NC	A	--	G
Model	Cod		Bobine		Serie	Filet		Tensiune		Tip filet
3V: Solenoid (Schema 3/2)	1: Seria 100 2: Seria 200 3: Seria 300		10: Monostabil 20: Bistabil		Seria 100	M5: M5 06: 1/8"	Actionare NC: Normal inchis NO: Normal deschis	A: 220V AC (50/60Hz) B: 24V DC C: 110V AC (50/60Hz)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



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



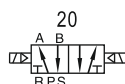
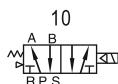
4V	1	10	06	A	G
Model	Cod		Serie	Tensiune	Tip filet
4V: Solenoid (Schema 5/2- 5/3)	1: Seria 100 2: Seria 200 3: Seria 300 4: Seria 400	Bobine 10: Monostabil 5/2 20: Bistabil 5/2 30C: Bistabil 5/3 centru inchis 30E: Bistabil 5/3 centru exhaustat 30P: Bistabil 5/3 centru in presiune	M5: M5 06: 1/8" 06: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



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



4M	1	10	06	A	G
Model	Cod		Serie	Tensiune	Tip filet
4M: Solenoid schema 5/2 (Namur)	1: Seria 100 2: Seria 200 3: Seria 300	Bobine 10: Monostabil 5/2 20: Bistabil 5/2	M5: M5 06: 1/8" 06: 1/8" 08: 1/4" 08: 1/4" 10: 3/8"	A: 220V AC (50/60Hz) B: 24V DC C: 110V AC (50/60Hz) E: 24V AC (50/60Hz) F: 12V DC	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 1 5	20 2 4 3 1 5	30C 2 4 3 1 5	30E 2 4 3 1 5	30P 2 4 3 1 5
--------------------	--------------------	---------------------	---------------------	---------------------

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 actionare pneumatica



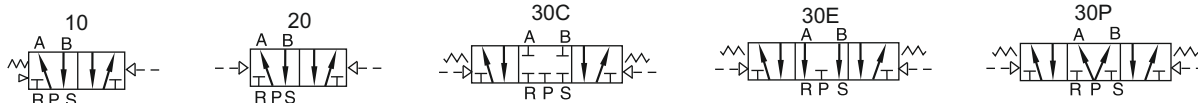
3A	--	1	--	10	--	08	--	G
Model		Cod		Comanda		Serie	Filet	Tip filet
3A: Distribuitor actionare pneumatica (Schema 3/2)		1: Seria 100 2: Seria 200 3: Seria 300		10: Monostabil 20: Bistabil (1)		Seria 100 Seria 200 Seria 300	M5: M5 06: 1/8" 06: 1/8" 08: 1/4" 08: 1/4" 10: 3/8"	P: PT T: NPT G: G

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

4A Distribuitor 5/2 - 5/3 cu pilot intern actionare pneumatica



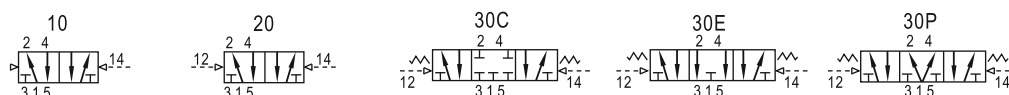
4A	--	1	--	10	--	08	--	G
Model		Cod		Comanda - schema functionare		Serie	Filet	Tip filet
4A: Distribuitor actionare pneumatica (Schema 5/2- 5/3)		1: Seria 100 2: Seria 200 3: Seria 300 4: Seria 400		10: Monostabil 5/2 20: Bistabil 5/2 30C: Bistabil 5/3 centru inchis 30E: Bistabil 5/3 exhaustare pe centru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



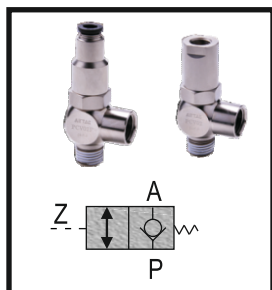
EAV Distribuitor 5/2 - 5/3 cu pilot intern actionare pneumatica ISO 5599/1



EAV	2	10
Model	Cod	Bobine
Valva actionare pneumatica 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 inchis 30E: Bistabil 5/3 exhaustare pe centru 30P: Bistabil 5/3 presiune pe centru



PCV Valva de siguranta cu supapa unisens



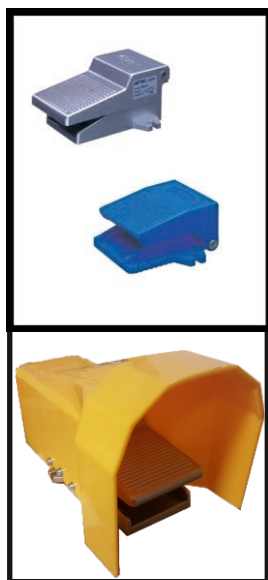
PCV	06		G
Model	Filet	Intrarea pilotului	Tip filet
PCV: Valva de siguranta cu supapa unisens	06: 1/8" 08: 1/4" 10: 3/8" 15: 1/2"	Diametru intrare pilot M5X0.8	P: PT T: NPT G: G
		Diametru intrare/iesire	
		GOL: Filet interior	1/8" 1/4" 3/8", 1/2"
		F: Fitting	Φ6 Φ8 3/8", 1/2"

ASC Regulator de debit cu filete interioare

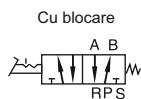
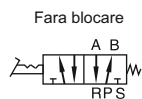


ASC	1	--	06	--	G
Model	Cod		Serie	Filet	Tip filet
ASC: Regulator de debit	1: Seria 100 2: Seria 200 3: Seria 300 4: Seria 400		Seria 100	M5: M5 06: 1/8"	P: PT T: NPT G: G
			Seria 200	06: 1/8" 08: 1/4"	
			Seria 300	08: 1/4" 10: 3/8" 15: 1/2"	
			Seria 400	15: 1/2"	

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		08: 1/4"				Gol: Fara blocare fara protectie L: Fara blocare cu protectie LG: Cu blocare si protectie		P: PT T: NPT G: G
3F: Pedala pneumatica 3/2								
4F: Pedala pneumatica 5/2								



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

4H - 4HA Distribuitor manual cu levier

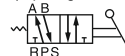


4H	--	2	--	10	--	06	--	G
Model		Seria		Schema de functionare		Filet		Tip filet
4H: Distribuitor cu levier revenire manuala		2: Seria 200		10: 5/2		06: 1/8"		P: PT
4HA: Distribuitor cu levier revenire pe arc		3: Seria 300		30C: 5/3 Centru inchis		08: 1/4"		T: NPT
				30E: Exhaustare pe centru		10: 3/8"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

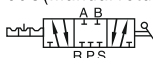
10(Manual return)



10(Spring return)



30C(Manual return)



30C(Spring return)



30E(Manual return)



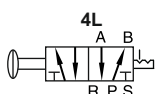
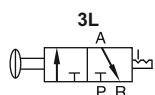
30E(Spring return)



3L - 4L Distribuitor manual push-pull



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



4HV Distribuitor manual cu levier orizontal

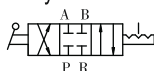


4HV	--	2	--	10	--	08	--	G
Model		Seria		Schema de functionare		Seria	Filet	Tip filet
4HV : Distribuitor cu levier revenire manuala		2: Seria 200		10: 4/2		200	06: 1/8"	P: PT
		3: Seria 300		30C: 4/3 centru inchis		300	08: 1/4"	T: NPT
		4: Seria 400				400	10: 3/8"	G: G
							15: 1/2"	
							20: 3/4"	

4/2 way



4/3 way closed center



S3 Valve comanda manuala 3/2 seria mini



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

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

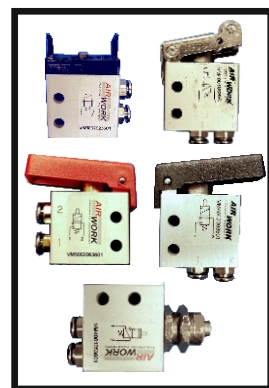
M3 - M5 Valve comanda manuala 3/2 - 5/2



M3	--	PM	--	210	08	--	R	G
Model							Culoare	Tip filet
M3: Valva manuala M3 3/2							R: Rosu	P: PT
M5: Valva manuala M5 5/2							G: Verde	T: NPT
							B: Negru	G: G
		Cod		Seria	Filet			
		B: Varianta simpla (1)		110: Monostabil seria 100	06: 1/8"			
		C: Levier lung			06: 1/8"			
		D: Levier scurt		210: Monostabil seria 200	08: 1/4"			
		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)						

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

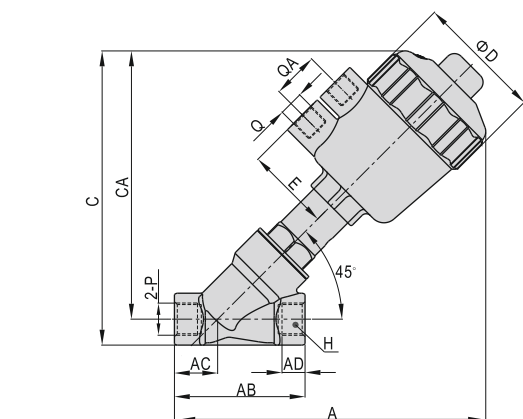


2J	W	W	150	15	Q40	G
Model Valva unghiulara 2/2		Tipul de actionare GOL: No water hammer normal inchis Actionare → 1		Orificiu de trecere 150: Ø15mm 200: Ø20mm 250: Ø25mm 320: Ø32mm		Tip filet G: G
Material S: Inox SUS 316L W: Inox SUS 304		Filet 10: 3/8" 15: 1/2" 20: 3/4" 25: 1" 32: 1 1/4"		Diametru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

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 diferentiala maxima (bar)	Greutate
2JS150	-10 3/8"	40	15	4.4	4.8	13	0.8
2JW150	-15 1/2"	50		4.8	4.3	16	0.7
2JS200	-10 3/8"	40	20	7.9	4.8	6.5	0.9
2JW200	-15 1/2"	50		8	4.3	11	0.95
2JS250	-20 3/4"	63	25	10	4.2	16	1.6
2JW250	-25 1"	80		19	4.2	11	1.9
2JS320	-32 1 1/4"	63	32	20	5.0	16	2.5
2JW320	-32 1 1/4"	80		27	4.2	6	2.5
2JSK150	-10 3/8"	40	15	28	5.0	15	3.0
2JWK150	-15 1/2"	50		4.4		16	0.8
2JSK200	-10 3/8"	40	20	4.8		16	0.7
2JWK200	-15 1/2"	50		7.9		16	0.9
2JSK250	-20 3/4"	63	25	8		16	0.9
2JWK250	-25 1"	80		14.5		16	1.2
2JSK320	-32 1 1/4"	63	32	19		16	1.6
2JWK320	-32 1 1/4"	80		27		16	2.2
2JSY150	-10 3/8"	40	15	28		16	2.4
2JWY150	-15 1/2"	50		4.4		16	0.8
2JSY200	-10 3/8"	40	20	4.8		16	0.7
2JWY200	-15 1/2"	50		7.9		16	0.9
2JSY250	-20 3/4"	63	25	8		16	0.9
2JWY250	-25 1"	80		14.5		16	1.3
2JSY320	-32 1 1/4"	63	32	19		16	1.7
2JWY320	-32 1 1/4"	80		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"	
	Ø40	161				150	134	56	33		1/8"	1/8"	
20	Ø50	170	78	27	14	160	143	66	44	33	3/4"	1/4"	24
	Ø63	200				189	172	82	51		1/4"	1/4"	
	Ø50	176				168	147	66	44		1/4"	1/4"	
25	Ø63	205	90	28	18	197	176	82	51	40	1"	1/4"	24
	Ø80	221				213	193	102	60		1/4"	1/4"	
	Ø63	220				210	185	82	51		1/4"	1/4"	
32	Ø80	237	110	35	18	227	202	102	60	50	1 1/4"	1/4"	24
	Ø80	237				227	202	102	60		1 1/4"	1/4"	

SE - SGC - Cilindri patrati cu franare si magnet ISO 15552 - ISO 6431 - VDMA 24562



SE

--

32 x 50

--

--

75

--

S

--

--

G

Tip cilindru

SE: Cilindru patrat SE cu dubla actiune

SED: Cilindru patrat SE cu tija la ambele capete

SEJ: Cilindru patrat SE cu dubla actiune si cursa reglabila

SG: Cilindru patrat SG cu dubla actiune

SGC: Cilindru patrat SGC cu dubla actiune

SGD: Cilindru patrat SG cu tija la ambele capete

SGJ: Cilindru patrat SG cu franare reglabila

Material tija

Gol: Otel carbon

A: Inox SUS420J2T

B: Inox SUS304

Cursa reglabila

10: 10mm

20: 20mm

30: 30mm

40: 40mm

50: 50mm

75: 75mm

100: 100m

Magnet

S: Cu magnet

Gol: Fara magnet

Tip filet

P: PT

T: NPT

G: G

Garnituri

Gol: TPU

H: Viton

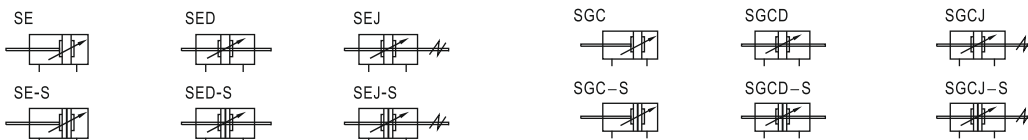
N: NBR

Cursa

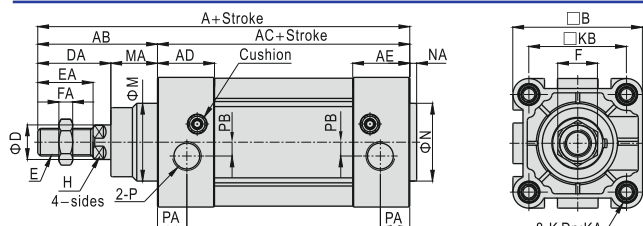
Diametru piston

Diametre disponibile

SE	32	40	50	63	80	100	125	-	-	-
SGC	-	-	-	-	-	-	125	160	200	250



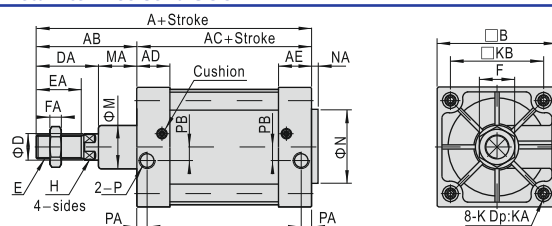
Detalii tehnice seria SE



Diametru	A	AB	AC	AD	AE	B	D	DA	E	EA
32	142	48	94	27.5	27.5	46.5	12	29	M10x1.25	22
40	159	54	105	32	32	54	16	33	M12x1.25	24
50	175	69	106	31	31	64	20	42	M16x1.5	32
63	190	69	121	33	33	75	20	42	M16x1.5	32
80	214	86	128	33	33	93	25	53	M20x1.5	40
100	229	91	138	37	37	110	25	55	M20x1.5	40
125	279	119	160	46	46	134	32	74	M27x2.0	54

Diametru	F	FA	H	K	KA	KB	M	MA	N	NA	PA	PB
32	17	6	10	M6	16	32.5	30	19	30	3	1/8"	13.5
40	17	7	13	M6	16	38	35	21	35	3.5	1/4"	17.5
50	23	8	17	M8	16	46.5	40	27	40	3.5	1/4"	14
63	23	8	17	M8	16	56.5	45	27	45	4	3/8"	17
80	26	10	22	M10	17	72	45	33	45	4	3/8"	16.5
100	26	10	22	M10	17	89	55	36	55	4	1/2"	19.5
125	41	13.5	27	M12	20	110	60	45	60	4	1/2"	23

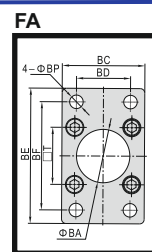
Detalii tehnice seria SGC



Diametru	A	AB	AC	AD	AE	B	D	DA	E	EA	F	FA
125	279	119	160	46	46	140	32	74	M27x2.0	54	41	13.5
160	332	152	180	50	50	180	40	94	M36x2.0	72	55	18
200	347	167	180	50	50	220	40	100	M36x2.0	72	55	18
250	389	189	200	58	58	282	50	111	M42x2.0	84	65	21

Diametru	H	K	KA	KB	M	MA	N	NA	P	PA	PB
125	27	M12	20	110	60	45	60	4	1/2"	23	14
160	36	M16	24	140	65	58	65	4	3/4"	25	15
200	36	M16	24	175	75	67	75	5	3/4"	25	15
250	46	M20	25	220	90	78	90	8	1"	31	22

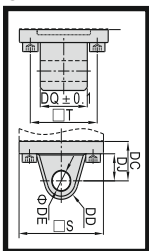
Accesorii cilindri patrati



Diametru	A	C	BA	BB	BC	BD	BE	BF	BP	T
32	142	94	30.5	10	47	32	80	64	7	32.5
40	159	105	35.5	10	53	36	90	72	9	38
50	175	106	40.5	12	65	45	108	90	9	46.5
63	190	121	45.5	12	75	50	118	100	9	56.5
80	214	128	45.5	16	95	63	150	126	12.5	72
100	229	138	55.5	16	115	75	176	150	14.5	89
125	279	160	60.5	20	139	90	218	180	16.5	110

Diametru	A	C	BA	BB	BC	BD	BE	BF	BP	T
125	279	160	60.5	20	139	90	218	180	16.5	110
160	332	180	65.5	20	180	115	280	230	18.5	140
200	347	180	75.5	25	220	135	320	270	24	175
250	389	200	90.5	25	270	165	380	330	26	220

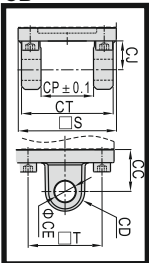
CA



Diametru	A	C	S	T	DC	DD	DE	DJ	DQ
32	142	94	46.5	32.5	22	10.5	10	13	25.8
40	159	105	54	38	25	12	12	16	27.8
50	175	106	64	46.5	27	12	12	17	31.7
63	190	121	75	56.5	32	15	16	22	39.7
80	214	128	93	72	36	15.5	16	22	49.7
100	229	138	110	89	41	20	20	27	59.7
125	279	160	134	110	50	24	25	33	69.7

Diametru	A	C	S	T	DC	DD	DE	DJ	DQ
125	279	160	139	110	50	22	25	33	69.7
160	332	180	180	140	55	30	30	35.5	89.7
200	347	180	220	175	60	30	30	37	89.7
250	389	200	270	220	70	35	40	46	109.5

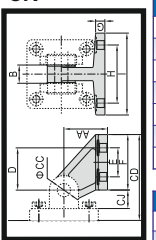
CB



Diametru	A	C	CC	CD	CE	CJ	CP	CT	PA1	PB1	S	T
32	142	94	22	10.5	10	13	26	45	51	45.5	46.5	32.5
40	159	105	25	12	12	16	28	52	59	52.5	54	38
50	175	106	27	12	12	17	32	60	67	60.5	64	46.5
63	190	121	32	15	16	22	40	70	77	70.5	75	56.5
80	214	128	36	15.5	16	22	50	90	97	90.5	93	72
100	229	138	41	20	20	27	60	110	119	110.5	110	89
125	279	160	50	24	25	33	70	130	139	130.5	134	110

Diametru	A	C	CC	CD	CE	CJ	CP	CT	PA1	PB1	S	T
125	279	160	50	21.5	25	31	70	130	139	130.5	139	110
160	332	180	55	30	30	35.5	90	170	181	170.5	180	140
200	347	180	60	30	30	36	90	170	181	170.5	220	175
250	389	200	70	35	40	46	110.3	200	230	208	270	220

CR



Diametru	A	AA	B	C	CC	CD	CJ	D	E	F	G	H	I	K	L
32	142	32	26	94	10	50	10	21	18	31	8	38	51	6.6	-
40	159	36	28	105	12	56	12	24	22	35	10	41	54	6.6	-
50	175	45	32	106	12	68	13	33	30	45	12	50	65	9	-
63	190	50	40	121	16	77	17	37	35	50	12	52	67	9	-
80	214	63	50	128	16	93	19	47	40	60	14	66	86	11	18
100	229	71	60	138	20	106	22	55	50	70	15	76	96	11	18
125	279	90	70	160	25	135	26	70	60	90	20	94	124	14	20

Diametru	A	AA	B	C	CC	CD	CJ	D	E	F	G	H	I	K	L
125	279	90	70	160	25	135	26	70	60	90	20	94	124	14	20
160	332	115	90	180	30	171	25	97	88	126	25	118	156	14	20
200	347	135	90	180	30	185	31	105	90	130	30	122	162	18	26

Alte tipuri de accesorii gasiti la pagina 34

MI Cilindri rotunzi ISO 6432



MI -- 16 X 40 □ -- S -- CA -- -- G															
* Versiunea MIC nu poate avea prinderea R															
Tip cilindru				Cursa		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						Gol: 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 reglabila															
10: 10mm															
20: 20mm															
30: 30mm															
40: 40mm															
50: 50mm															
75: 60mm															
100: 100m															
Diametru piston															
Diametru (Ø) 8.10.12.16.20.25.32.40															
								MI		MIC		MTI		MSI	
								MI-S		MIC-S		MTI-S		MSI-S	
								MID		MIJ		MICD		MICJ	
								MID-S		MIJ-S		MICD-S		MICJ-S	

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

Detalii tehnice MI

CA Type

Technical drawing of the CA Type cylinder. The front view shows a hexagonal cross-section with dimensions B (width), C (depth), and ΦR (radius). The side view shows the cylinder with dimensions AB, MA, AD, PA, AE, PB, MB, KA, AF+Stroke, 2-P, $\Phi K(H9)$, M, GA, EA, EB, DA, H, and 2(4)-sides. The end view shows a hexagonal cross-section with dimensions F and G.

U Type

Technical drawing of the U Type cylinder. The front view shows a hexagonal cross-section with dimensions B (width) and ΦR (radius). The side view shows the cylinder with dimensions AE, PB, and Total length=A+Stroke. The end view shows a hexagonal cross-section with dimensions B and ΦR .

R Type

Technical drawing of the R Type cylinder. The front view shows a hexagonal cross-section with dimensions B (width) and ΦR (radius). The side view shows the cylinder with dimensions AE, PB, and Total length=A+Stroke. The end view shows a hexagonal cross-section with dimensions B and ΦR .

CM Type

Technical drawing of the CM Type cylinder. The front view shows a hexagonal cross-section with dimensions B (width) and ΦR (radius). The side view shows the cylinder with dimensions AE, MB, PB, and Total length=A+Stroke. The end view shows a hexagonal cross-section with dimensions B and ΦR . The side view also shows dimensions $\Phi 32: M8 \times 1$ and $\Phi 40: M10 \times 1$.

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

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

Accesorii MI

LB

Ø8 ~ Ø25

Technical drawing of LB accessory. The side view shows dimensions B, F, E, AL, AC+Stroke, AA+Stroke, and ØAP. The end view shows dimensions AK, AH, AF, and AE.

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

Technical drawing of SDB accessory. The side view shows dimensions CB+Stroke, D, CF, and CD. The end view shows dimensions CA, Q, 2-ØCP, CT, and CQ.

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

Technical drawing of FA accessory. The side view shows dimensions B, F, E, AL, C+Stroke, and ØBP. The end view shows dimensions BF, BE, and BC.

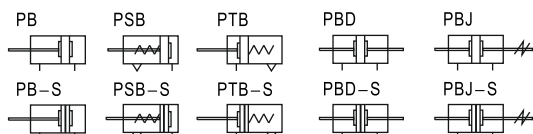
Diametru	B	C	BB	BC	BE	BF	BP	F
8	28	46	3	22	40	30	4.5	12
10	28	46	3	22	40	30	4.5	12
12	38	50	4	30	52	40	5.5	17
16	38	56	4	30	52	40	5.5	17
20	44	62	5	40	66	50	6.6	20
25	50	65	5	40	66	50	6.6	22

Alte tipuri de accesorii gasiti la pagina 34

PB Cilindri rotunzi mini

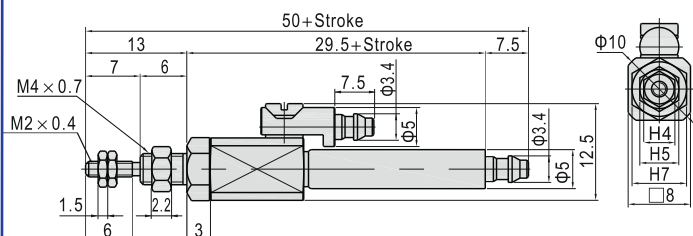


PB	--	16	x	40	--	□	--	S	--	CB
Tip cilindru		Diametru piston		Cursa	Cursa reglabila		Magnet		Prindere spate	
PB: Cilindru rotund mini cu dubla actiune					10: 10mm		S: Cu magnet		CB: Prindere dubla	
PSB: Cilindru rotund mini cu simpla actiune (impingere)					20: 20mm		Gol: Fara magnet		U: Perpendicular 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					

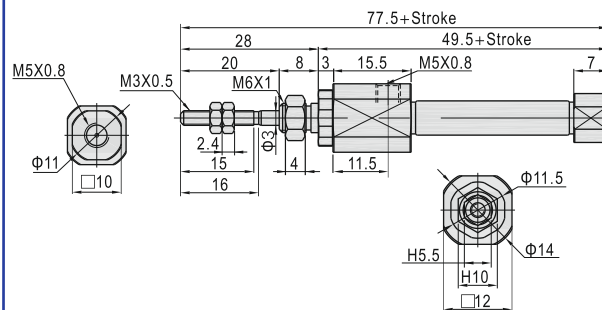


Diametru (Ø)		Curse disponibile cilindru															Cursa maxima
Dubla actiune	4	5 10 15 20															20
	6	10 15 20 25 30 40 50 60															60
	10	10 15 20 25 30 40 50 60 75 80 100 125 150 160 175 200															200
	12	10 15 20 25 30 40 50 60 75 80 100 125 150 160 175 200 250							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

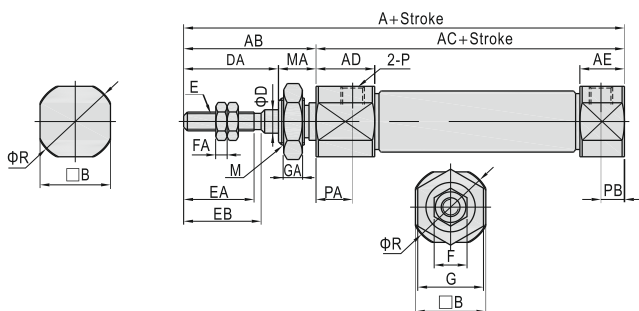
Ø4 Fara magnet - tip R



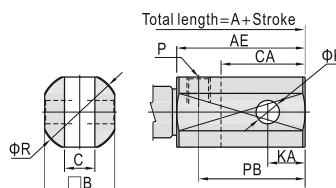
Ø6 - tip R



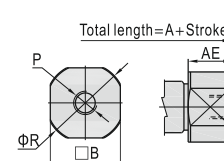
Ø10 - Ø16 perpendicular 90°



CB Type (Double Clevis)



R Type (axial air-in)



Diametru	A			AE												
Capac spate	U	CB	R	AB	AC	AD	U/R	CB	B	C	CA	D	DA	E	EA	EB
10	74	87	74	28	46	11.5	9.5	22.5	12	3.3	13	4	20	M4×0.7	15	16.5
12	74	92	74	28	46	11.5	9.5	27.5	15	6.6	18	5	20	M5×0.8	15	16.5
16	76	94	76	28	48	12	9.5	27.5	18	6.6	18	5	20	M5×0.8	15	16.5

Diametru	F			GA			M			P			PB		
Capac spate	F	FA	G	GA	K	KA	M	MA	P	PA	U	CB	R	U	CB
10	7	2.2	11	4	3.3	5	M8×1.0	8	M5×0.8	7.5	5	18	14		
12	8	4	14	4	5	8	M10×1.0	8	M5×0.8	7.5	5	23	17		
16	8	4	14	4	5	8	M10×1.0	8	M5×0.8	7.5	5	23	20		

ACP Cilindri compacti



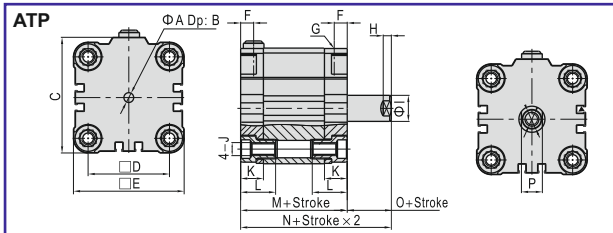
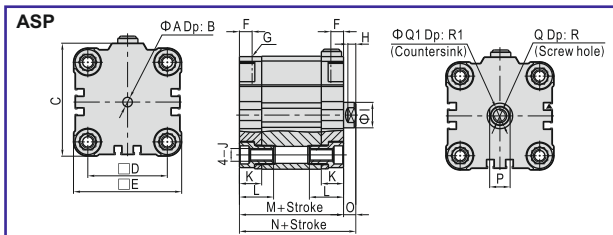
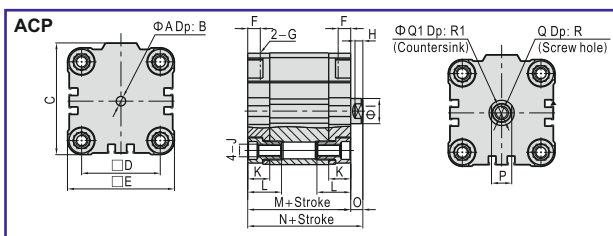
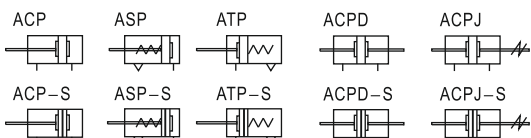
ACP		S	--	16	X	40	--	□	--	□	--	G
Tip cilindru		Magnet				Cursa		Cursa reglabila		Filet tija		Tip filet
ACP: Cilindru compact		S: Cu magnet						10: 10mm		Gol: Filet interior		G: G
ASP: Cilindru compact cu simpla actiune (impingere)		Gol: Fara magnet						20: 20mm		B: Filet exterior		P: PT
ATP: Cilindru compact cu simpla actiune (tragere)								30: 30mm		N: Tija fara filet		
ACPD: Cilindru compact cu tija dubla								40: 40mm				
ACPJ: Cilindru compact cursa reglabila								50: 50mm				
Diametru piston												
Diametru (Ø)												
12 16 20 25 32 40 50 63 80 100												

ACPD



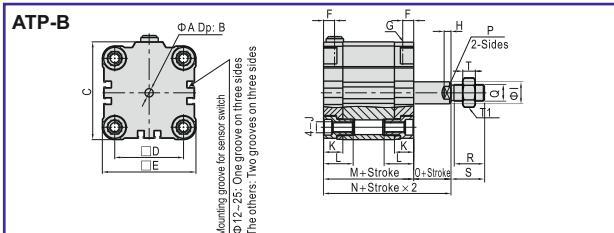
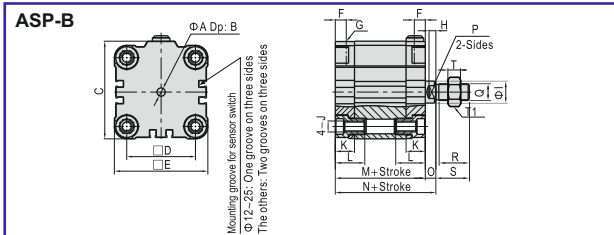
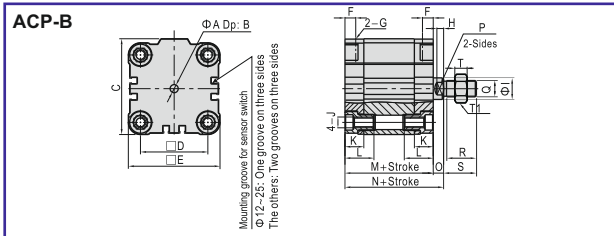
ACPJ





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



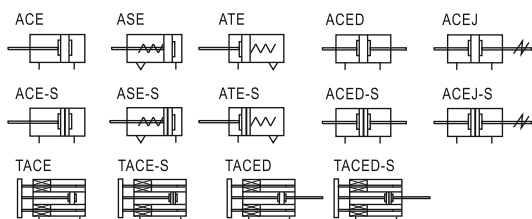
Diametru	A	B	C	D	E	F	G	H	I	J
12	6	4	30	18	29	7	M5 × 0.8	3	6	M4 × 0.7
16	6	4	30	18	29	7	M5 × 0.8	3	8	M4 × 0.7
20	6	4	37.5	22	36	7	M5 × 0.8	3	10	M5 × 0.8
25	6.1	4	41.5	26	40	7	M5 × 0.8	4	10	M5 × 0.8
32	6.1	4	52	32	50	8	1/8"	4.5	12	M6 × 1.0
40	6.1	4	62.5	42	60	8	1/8"	4.5	12	M6 × 1.0
50	6.1	4	71	50	68	8	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	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

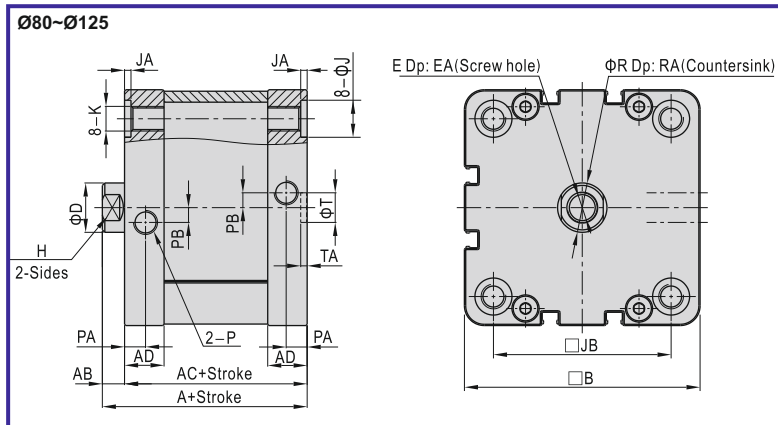
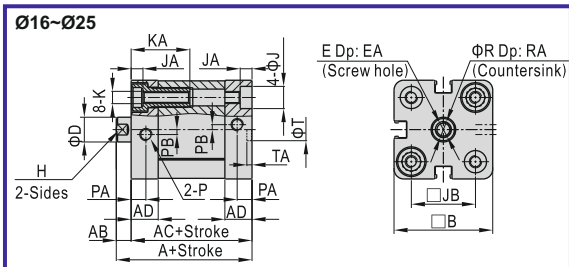
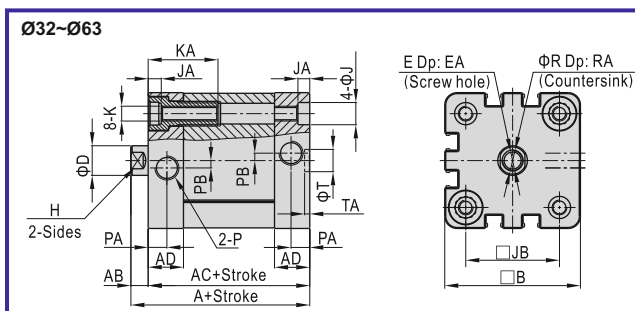
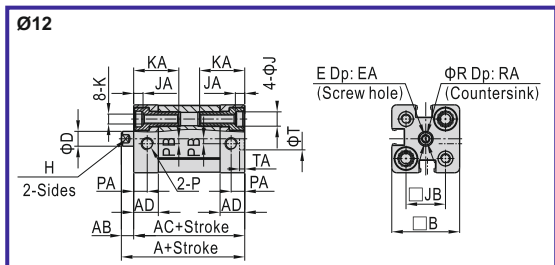
ACE Cilindri compacti ISO 21287



ACE	S	16	X	40	-	□	□	G
Tip cilindru	Magnet			Cursa			Filet tija	Tip filet
ACE: Cilindru compact dubla actiune	S: Cu magnet						Gol: Filet interior	G: G
ASE: Cilindru compact simpla actiune retras	Gol: Fara magnet						B: Filet exterior	P: PT
ATE: Cilindru compact simpla actiune actionat								
ACED: Cilindru compact dubla actiune tija dubla								
ACEJ: Cilindru compact cursa reglabila								
TACE: Cilindru compact antirotatie								
TACED: Cilindru compact antirotatie tija dubla								



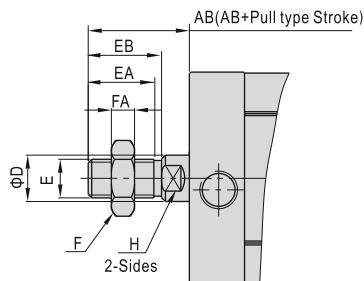
Cilindru	Diametru (Ø)
ACE / ACED / ACEJ	12, 16, 20, 25, 32, 40, 50, 63, 80, 100, 125
ASE / ATE / TACE / TACED	12, 16, 20, 25, 32, 40, 50, 63, 80, 100



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

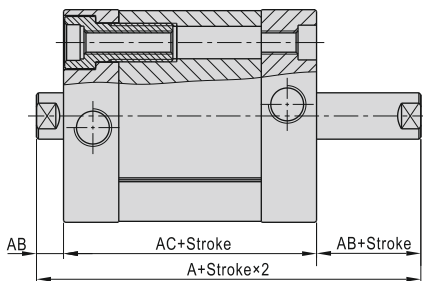
ACE Cilindri compacti ISO 21287

ACE cu filet exterior

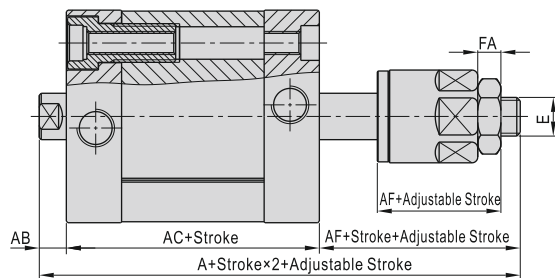


Diametru	AB	D	E	EA	EB	F	FA	H
12	15	6	M5 × 0.8	9	10	8	4	5
16	17	8	M6 × 1.0	11	12	10	5	7
20	22	10	M8 × 1.25	15	16	12	6	9
25	22	10	M8 × 1.25	15	16	12	6	9
32	26	12	M10 × 1.25	17	19	17	6	10
40	26	12	M10 × 1.25	17	19	17	6	10
50	30	16	M12 × 1.25	20	22	17	7	13
63	30	16	M12 × 1.25	20	22	17	7	13
80	37	20	M16 ×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



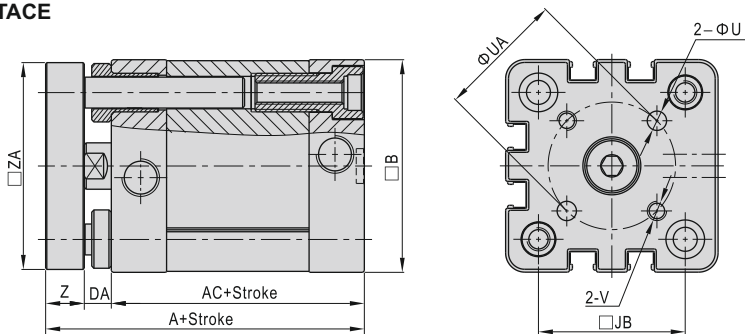
ACEJ



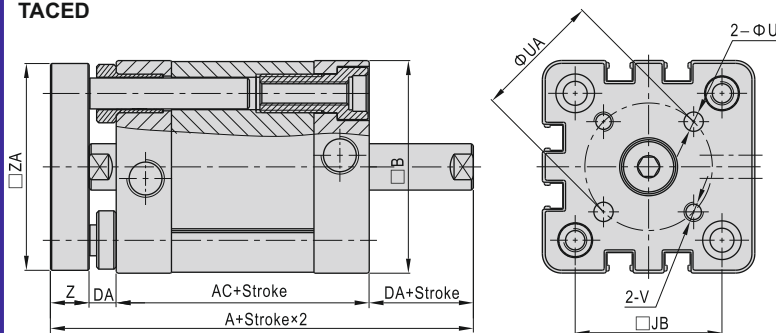
Diametru	A(ACED)	A(ACEJ)	AB	AC	AF	FA	E
12	45	57	5	35	17	4	M5 × 0.8
16	45	61	5	35	21	5	M6 × 1.0
20	49	68	6	37	25	6	M8 × 1.25
25	51	70	6	39	25	6	M8 × 1.25
32	58	78	7	44	27	6	M10 × 1.25
40	59.5	79.5	7	45.5	27	6	M10 × 1.25
50	61.5	81.5	8	45.5	28	7	M12 × 1.25
63	65	85	8	49	28	7	M12 × 1.25
80	72	92	9	54	29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

Informatie:
1. Dimensiunile nemarcate sunt aceleasi ca la ACE standard
2. 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

Informatie:
1. Dimensiunile nemarcate sunt aceleasi ca la ACE standard
2. Dimensiunile cilindrului cu magnet sunt aceleasi cu a celui fara magnet

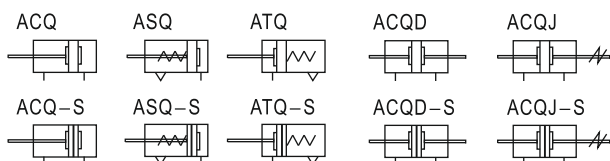


AIR TECH SOLUTIONS
Echipamente pneumatice industriale

ACQ Cilindri compacti

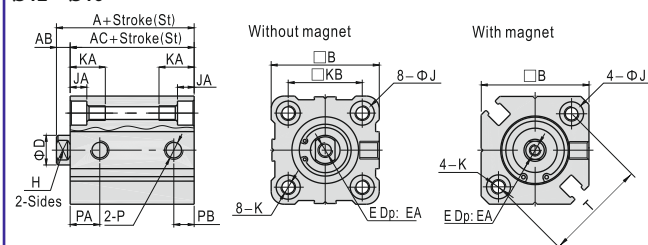


ACQ	S	--	16	X	40	--	□	--	□	G
Tip cilindru	Magnet				Cursa		Cursa reglabila		Filet tija	Tip filet
ACQ: Cilindru compact	S: Cu magnet						10: 10mm		Gol: Filet interior	G: G
ASQ: Cilindru compact cu simpla actiune (impingere)	Gol: Fara magnet						20: 20mm		B: Filet exterior	P: PT
ATQ: Cilindru compact cu simpla actiune (tragere)							30: 30mm		N: Tija fara filet	
ACQD: Cilindru compact cu tija dubla							40: 40mm			
ACQJ: Cilindru compact cursa reglabila							50: 50mm			



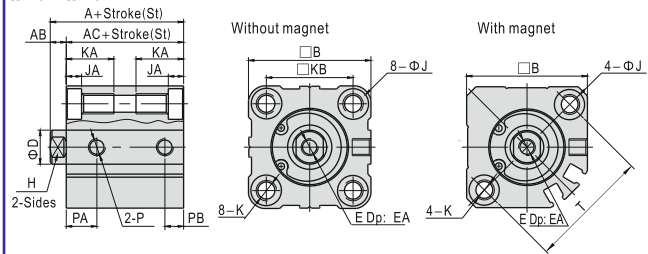
Diametru piston
12 16 20 25 32 40 50 63 80 100

Ø12 ~ Ø16



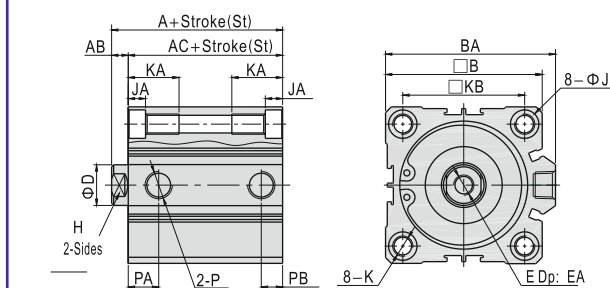
Diametru	A			AC			PA	PB	A	AC	PA	PB	AB
	Fara magnet							Cu magnet					
	St≤50	St=55	St≥60	St≤50	St=55	St≥60	—	—					
12	20.5	-	-	17	-	-	7.5	5	31.5	28	9	7	3.5
16	22	22	-	18.5	18.5	-	8	5.5	34	30.5	9.5	5.5	3.5
20	24	-	34	19.5	-	29.5	9	5.5	36	31.5	9.5	5.5	4.5
25	27.5	-	37.5	22.5	-	32.5	11	5.5	37.5	32.5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

Ø20 ~ Ø25



Diametru/Model	B	D	E	EA	H	J	JA	K	KA	KB	D	T
12	25	6	M3 × 0.5	6	5	6.5	3.5	M4 × 0.7 Thru.hole: Φ 3.4	11	15.5	M5 × 0.8	22
16	29	8	M4 × 0.7	8	6	6.5	3.5	M4 × 0.7 Thru.hole: Φ 3.4	11	20	M5 × 0.8	28
20	36	10	M5 × 0.8	7	8	9	7	M6 × 1.0 Thru.hole: Φ 5.2	17	25.5	M5 × 0.8	36
25	40	12	M6 × 1.0	12	10	9	7	M6 × 1.0 Thru.hole: Φ 5.2	17	28	M5 × 0.8	40

Ø32 ~ Ø100 Stroke ≤ 100mm

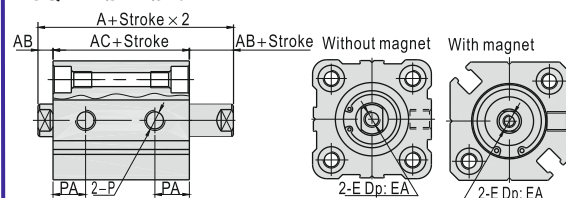


Model	A		AC		A	AC	AB	B	BA	D	E	EA
	Fara magnet				Cu magnet							
Diametru	St≤50	St≥60	St≤50	St≥60	-	-						
32	30	40	23	33	40	33	7	45	49.5	16	M8 × 1.25	13
40	36.5	46.5	29.5	39.5	46.5	39.5	7	53	57	16	M8 × 1.25	13
50	38.5	48.5	30.5	40.5	48.5	40.5	8	64	71	20	M10 × 1.5	15
63	44	54	36	46	54	46	8	77	84	20	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

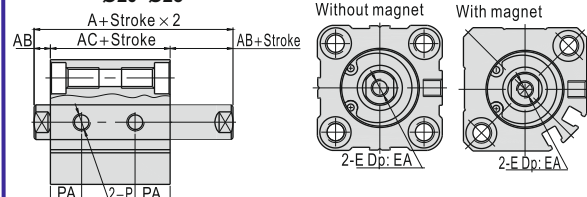
Diametru		H	J	JA	K	KA	KB	P	PA	PB	PA	PB
									Fara magnet		Cu magnet	
32	St=5	14	9	7	M6 × 1.0 Thru.hole: Φ 5.2	17	34	1/8"	7.5	6.5	10.5	7.5
	St>5								10.5	7.5		
40		14	9	7	M6 × 1.0 Thru.hole: Φ 5.2	17	40	1/8"	11	8	11	8
50	St=5	17	11	8	M8 × 1.25 Thru.hole: Φ 6.8	22	50	1/4"	9	9	10.5	10.5
	St>5								10.5	10.5		
63	St=5	17	14	10.5	M10 × 1.5 Thru.hole: Φ 8.5	28.5	60	1/4"	14	9.5	15	10.5
	St>5								15	10.5		
80		22	17.5	13.5	M12 × 1.75 Thru.hole: Φ 10.3	35.5	77	3/8"	16	14	16	14
100		27	17.5	13.5	M12 × 1.75 Thru.hole: Φ 10.3	35.5	94	3/8"	20	17.5	20	17.5

ACQ Cilindri compacti

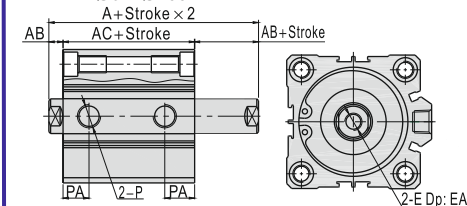
ACQD Ø12-Ø16



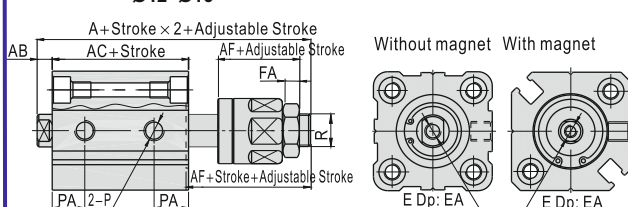
Ø20-Ø25



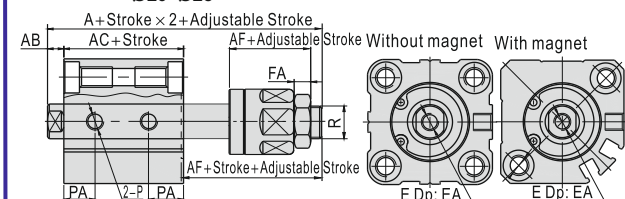
Ø32-Ø100



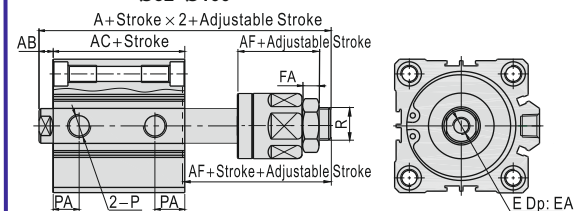
ACQJ Ø12-Ø16



Ø20-Ø25



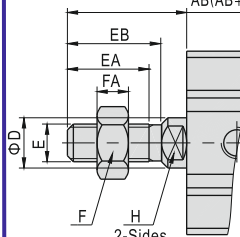
Ø32-Ø100



Produs	A		A		AB	AC		AC		AF
	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

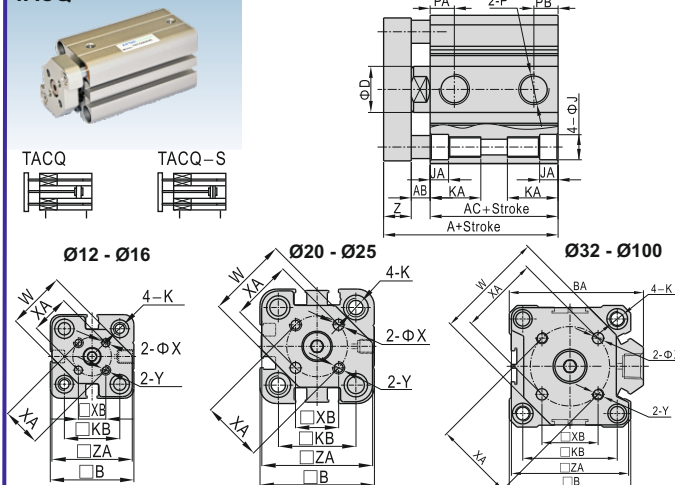
ACQ cu filet exterior

(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



Diametru	A	AC	PA	PB	Fara magnet		Cu magnet		AB	P	B	D	J	JA
					A	AC	PA	PB						
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
12	M4 × 0.7 Thru.hole: Φ 3.4	11.5	15.5	15	3	10	7.1	M3 × 0.5	6	25
16	M4 × 0.7 Thru.hole: Φ 3.4	11.5	20	21	3	14	9.9	M3 × 0.5	6	29
20	M6 × 1.0 Thru.hole: Φ 5.2	18	25.5	26	4	17	12	M4 × 0.7	8	35
25	M6 × 1.0 Thru.hole: Φ 5.2	17.5	28	30	5	22	15.6	M5 × 0.8	8	40

Diametru	A		AC		A	AC	AB	B	BA	D	J	JA	K
	Fara magnet		Cu magnet		-								
	Cursa	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: Φ 5.2
40	46.5		29.9		56.5	39.9	6.6	53	57	16	9	7	M6 × 1.0 Thru.hole: Φ 5.2
50	50.5	60.5	31	41	60.5	41	7.5	64	71	20	11	8	M8 × 1.25 Thru.hole: Φ 6.8
63	56	66	36	46	66	46	8	77	84	20	14	10.5	M10 × 1.5 Thru.hole: Φ 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: Φ 10.3
100	81	91	53	63	91	63	12	117	123.5	32	17.5	13.5	M12 × 1.75 Thru.hole: Φ 10.3

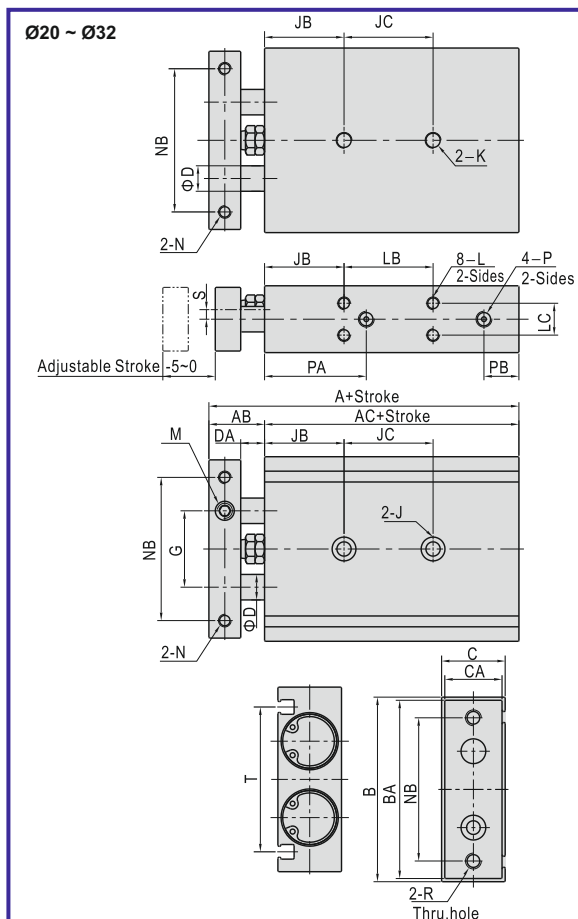
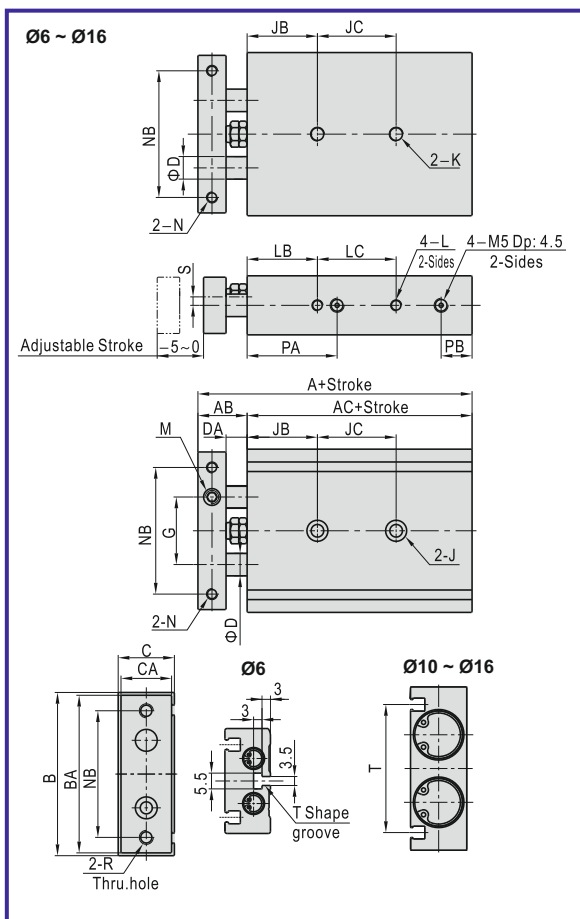
Diametru	KA	KB	P	PA	PB	PA	PB	W	X	XA	XB	Y	Z	ZA
				Fara magnet	Cu magnet	Cu magnet	Cu magnet							
32	St=5 St>5	17.5	34	1/8"	7.5 6.5	10.5 7.5	10.5 7.5	37	5	28	19.8	M5 × 0.8	10	43
40	17.5	40	1/8"	11	8	11	8	46	5	33	23.3	M5 × 0.8	10	51
50	22.5	50	1/4"	10.5	10.5	10.5	10.5	58	6	42	29.7	M6 × 1.0	12	62
63	28.5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

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		-	-	-	-	-	-	24.5	6.5	4.5	26		
10	72	17	55	46	44	17	15	6	9	20	LC=13+Stroke		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"

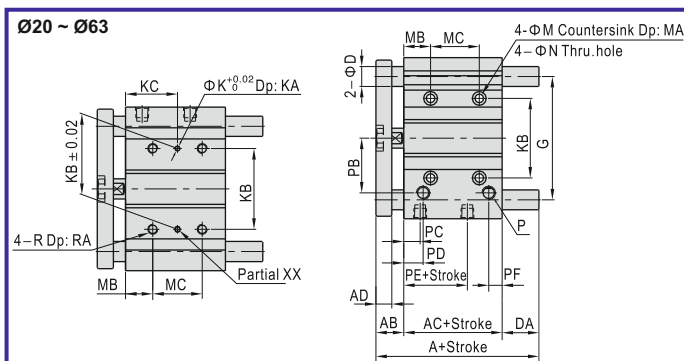
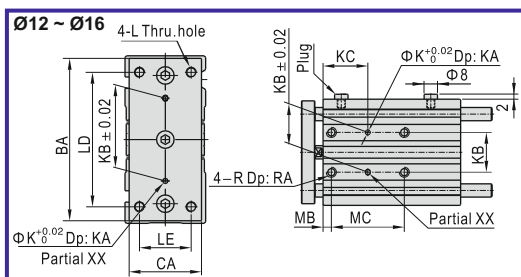


STW	A	16	50	S	G
Tip cilindru STW: Cilindru slide dubla actionare	Tip montaj A: Placa B: Pe corp	Diametru piston 10, 16, 20, 25, 32	Cursa	Magnet S: Cu magnet	Tip filet G: G P: PT

TC Cilindri antirotatie "Tri-rod"



TC	--	M	--	16	x	40	--	S	--	G
Tip cilindru TC: Cilindru antirotatie "Tri-rod" cu dubla actiune		Tip rulment L: Rulment linar M: Rulment din bronz		Diametru piston 6, 10, 12, 16, 20, 25, 32, 40, 50, 63, 80, 100		Cursa		Magnet S: Cu magnet		Tip filet G: G P: PT



Produs	A					DA								MC				KC			
Diametru	TCL	TCM	TCL\TCM			TCL				TCM											
Cursa	≤30	≤30	31~100	101~200	>200	≤30	31~100	101~200	>200	≤50	51~100	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)



HRQ	20	--	A	--	G
Tip cilindru	Dimensiune		Oprise		Tip filet
HRQ: Cilindru rotativ	10		Gol: Surub reglare		G: G
	20		A: Amortizor de soc intern		P: PT
	30				
	50				

RMS Cilindri rotunzi fara tija



RMS	--	□	--	16	X	40	--	G
Tip cilindru		Tip rulment		Diametru piston		Cursa		Tip filet
RMS: Cilindru rotund fara tija		Gol: Standard						G: G
		P: Standard P (suport mic)						P: PT
		F: Standard F (suport mare)						
				Diametru (Ø)		16, 20, 25, 32, 40		

HFZ Gripperi lineari (paraleli)



HFZ	20	--	□
Tip cilindru	Diametru (Ø)		Pozitie prinderi (degete)
HFZ: Gripper linear	6: 6mm		Gol: Standard
HFSZ: Gripper linear simpla actiune normal inchis	10: 10mm		R: Tip ingust
HFTZ: Gripper linear simpla actiune normal deschis	16: 16mm		
	20: 20mm		
	25: 25mm		
	32: 32mm		
	40: 40mm		

Ø6, Ø32, Ø40 sunt disponibili doar cu pozitia standard

HFY Gripperi unghiulari



HFY	20
Tip cilindru	Diametru (Ø)
HFY: Gripper unghiular cu dubla actiune	6: 6mm
HFTY: Gripper unghiular cu simpla actiune	10: 10mm
	16: 16mm
	20: 20mm
	25: 25mm
	32: 32mm

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							

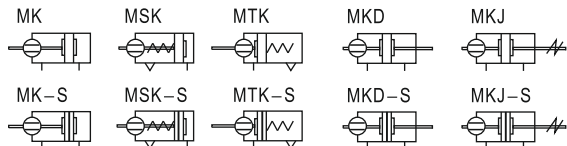
Diametru (Ø)		Cursa standard		Maxim
6	Dubla actiune	5 10 15 20 25 30 35		35
	Simpla actiune	5 10 15 20		20
10	Dubla actiune	5 10 15 20 25 30 35		35
	Simpla actiune	5 10 15 20		20
16	Dubla actiune	5 10 15 20 25 30 35 40 50		50
	Simpla actiune	5 10 15 20		20
20	Dubla actiune	5 10 15 20 25 30 35 40 50 60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



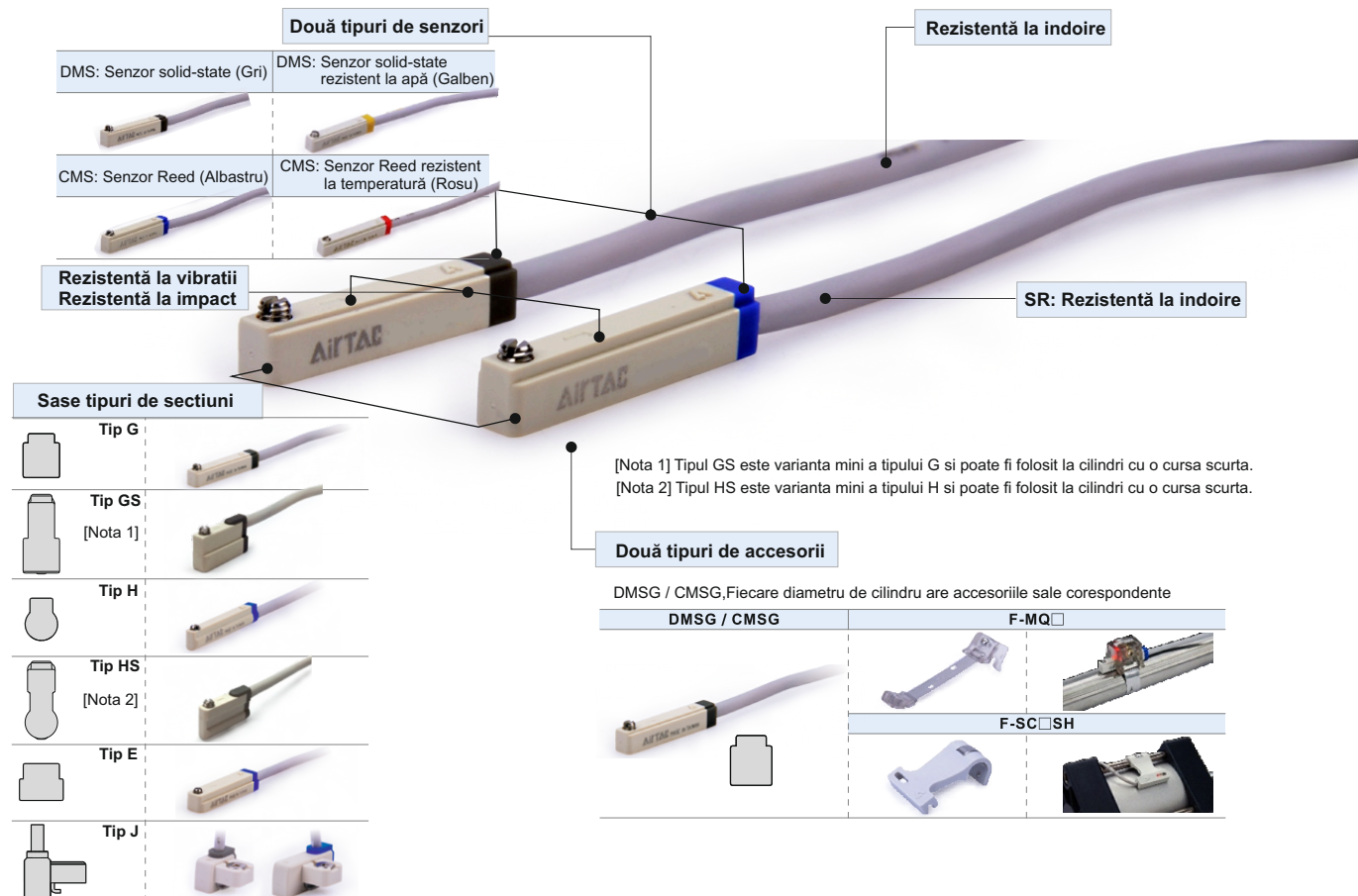
F	--	M20	--	150	--	Y	--	I
Cod accesoriu		Filet		Pas filet		Tip accesoriu		
		M04	M4	070	0.7mm	Y	Accesoriu tip Furca	
		M05	M5	080	0.7mm			
		M06	M6	100	1.0mm			
		M08	M8	125	1.25mm			
		M10	M10	125	1.25mm			
		M12	M12	125	1.25mm			
		M14	M14	150	1.5mm			
		M16	M16	150	1.5mm			
		M18	M18	150	1.5mm			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



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			



	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

	DMS		
Model	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

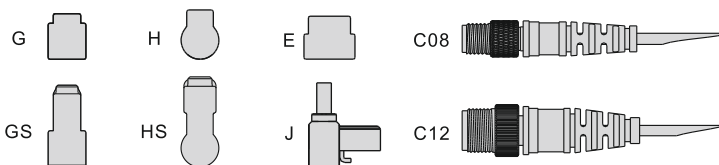
Produs	CMS	
Model	General	Rezistent la caldura
Tensiune alimentare	5V ~ 240V AC/DC	
Curent comutare	100mA	
Capacitate contact	10W Max.	
Consum de curent	N/A	
Consum de tensiune	2.5V Max. @100mA DC	N/A
Consum de curent	N/A	
Frecventa	200Hz	
Rezistenta la impact	50G	
Protectia circuitului	N/A	
Temperatura 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 MBL	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		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

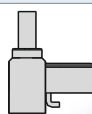


1: Categorie	F: Accesoriu			
2: Model	SC: Cilindri cu tiranti			
3. Cilindru	Cod	Pentru seria	Diametru	
	32	SC SGC	Φ32, Φ40, Φ50	
	63		Φ63	
	80		Φ80, Φ100	
	125		Φ125	
	160		Φ160, Φ200	
3. Atasari	250		Φ250	

Selectarea senzorului in functie de seria cilindrului

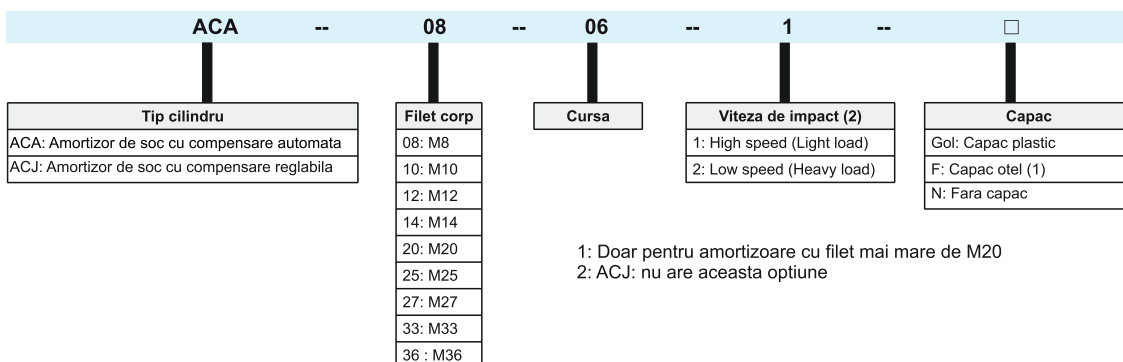
DMSE	CMSE	SE/BSE												SAI								ACE															
		32	40	50	63	80	100	125	32	40	50	63	80	100	125	160	200	12	16	20	25	32	40	50	63	80	100										
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●										
DMSG(S)	CMSG	HFK												ACQ\TACQ												SDA											
	 	10	16	20	25	32	40					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	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																									
32		40	50	63	80	100	125	160	200	250	125	160	200	250																							
●		●	●	●	●	●	●	●	●	●	●	●	●	●																							

Este necesar un accesoriu pentru a se monta pe cilindru

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

2019

January							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
1		1	2	3	4	5	6
2	7	8	9	10	11	12	13
3	14	15	16	17	18	19	20
4	21	22	23	24	25	26	27
5	28	29	30	31			

February							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
5					1	2	3
6	4	5	6	7	8	9	10
7	11	12	13	14	15	16	17
8	18	19	20	21	22	23	24
9	25	26	27	28			

March							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
9					1	2	3
10	4	5	6	7	8	9	10
11	11	12	13	14	15	16	17
12	18	19	20	21	22	23	24
13	25	26	27	28	29	30	31

April							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
14	1	2	3	4	5	6	7
15	8	9	10	11	12	13	14
16	15	16	17	18	19	20	21
17	22	23	24	25	26	27	28
18	29	30					

May							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
18			1	2	3	4	5
19	6	7	8	9	10	11	12
20	13	14	15	16	17	18	19
21	20	21	22	23	24	25	26
22	27	28	29	30	31		

June							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
22						1	2
23	3	4	5	6	7	8	9
24	10	11	12	13	14	15	16
25	17	18	19	20	21	22	23
26	24	25	26	27	28	29	30

July							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
27	1	2	3	4	5	6	7
28	8	9	10	11	12	13	14
29	15	16	17	18	19	20	21
30	22	23	24	25	26	27	28
31	29	30	31				

August							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
31				1	2	3	4
32	5	6	7	8	9	10	11
33	12	13	14	15	16	17	18
34	19	20	21	22	23	24	25
35	26	27	28	29	30	31	

September							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
35							1
36	2	3	4	5	6	7	8
37	9	10	11	12	13	14	15
38	16	17	18	19	20	21	22
39	23	24	25	26	27	28	29
40	30						

October							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
40		1	2	3	4	5	6
41	7	8	9	10	11	12	13
42	14	15	16	17	18	19	20
43	21	22	23	24	25	26	27
44	28	29	30	31			

November							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
44					1	2	3
45	4	5	6	7	8	9	10
46	11	12	13	14	15	16	17
47	18	19	20	21	22	23	24
48	25	26	27	28	29	30	

December							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
48							1
49	2	3	4	5	6	7	8
50	9	10	11	12	13	14	15
51	16	17	18	19	20	21	22
52	23	24	25	26	27	28	29
1	30	31					

2020

January							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
1			1	2	3	4	5
2	6	7	8	9	10	11	12
3	13	14	15	16	17	18	19
4	20	21	22	23	24	25	26
5	27	28	29	30	31		

February							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
5						1	2
6	3	4	5	6	7	8	9
7	10	11	12	13	14	15	16
8	17	18	19	20	21	22	23
9	24	25	26	27	28	29	

March							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
9							1
10	2	3	4	5	6	7	8
11	9	10	11	12	13	14	15
12	16	17	18	19	20	21	22
13	23	24	25	26	27	28	29
14	30	31					

April							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
14			1	2	3	4	5
15	6	7	8	9	10	11	12
16	13	14	15	16	17	18	19
17	20	21	22	23	24	25	26
18	27	28	29	30			

May							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
18					1	2	3
19	4	5	6	7	8	9	10
20	11	12	13	14	15	16	17
21	18	19	20	21	22	23	24
22	25	26	27	28	29	30	31

June							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
23	1	2	3	4	5	6	7
24	8	9	10	11	12	13	14
25	15	16	17	18	19	20	21
26	22	23	24	25	26	27	28
27	29	30					

July							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
27			1	2	3	4	5
28	6	7	8	9	10	11	12
29	13	14	15	16	17	18	19
30	20	21	22	23	24	25	26
31	27	28	29	30	31		

August							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
31						1	2
32	3	4	5	6	7	8	9
33	10	11	12	13	14	15	16
34	17	18	19	20	21	22	23
35	24	25	26	27	28	29	30
36	31						

September							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
36		1	2	3	4	5	6
37	7	8	9	10	11	12	13
38	14	15	16	17	18	19	20
39	21	22	23	24	25	26	27
40	28	29	30				

October							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
40				1	2	3	4
41	5	6	7	8	9	10	11
42	12	13	14	15	16	17	18
43	19	20	21	22	23	24	25
44	26	27	28	29	30	31	

November							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
44							1
45	2	3	4	5	6	7	8
46	9	10	11	12	13	14	15
47	16	17	18	19	20	21	22
48	23	24	25	26	27	28	29
49	30						

December							
Wk	Mo	Tu	We	Th	Fr	Sa	Su
49		1	2	3	4	5	6
50	7	8	9	10	11	12	13
51	14	15	16	17	18	19	20
52	21	22	23	24	25	26	27
53	28	29	30	31			