

Standard executions		
Version	Code	Item
Bore 10 mm	075023	10PAB
Bore 16 mm	075004	16PAB
Bore 20 mm	075006	20PAB
Bore 25 mm	075008	25PAB
Bore 32 mm	075010	32PAB



Series of pneumatic angular hand grips available in 5 different sizes.

They are standard magnetic with grooves on the body allowing the direct mounting of magnetic reed switches.

For magnetic reed switch type ASC see from page 1.110.1.
For mounting accessories see from page 1.80.60.

Option		Suffix
Single acting	(to Ø 25)	/ SE

How to order : 20PAB/SE

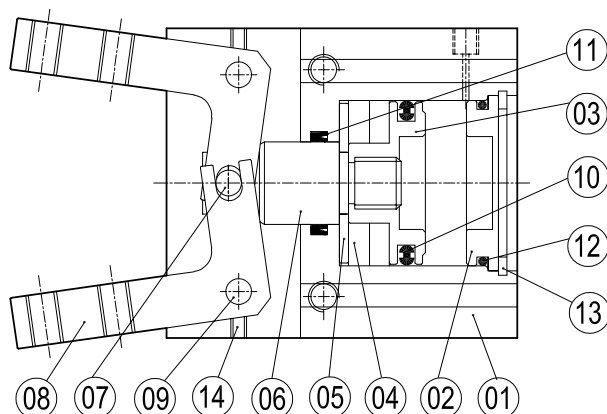
20	PAB	/SE
Bore	Type	Option

Technical data						
Type		10PAB	16PAB	20PAB	25PAB	32 PAB
Fluid		Compressed filtered air with or without lubrication. Lubrication, if started, must be continued.				
Pressure		1,5 ÷ 7 bar				
Temperature range		0 °C ÷ +80° C				
Max. operation frequency		180 cycle / min.				
Lubrication		Piston: with or without lubrication				
		Levers: lubrication is required on moving parts				
Holding moments	Closing*	1,6 x P	8 x P	17 x P	34 x P	61 x P
M* (Ncm)	Opening*	2,6 x P	11 x P	23 x P	43 x P	81 x P
Effective gripping force F (N)		F = M / L** x 0,85				
Maximum length of gripping point L (mm)		30	40	60	70	85
Weight (g)		40	100	200	330	540
Lever open/close angle		- 10° ÷ + 30°				
Ports		M3	M5			

* P = operating pressure (bar)

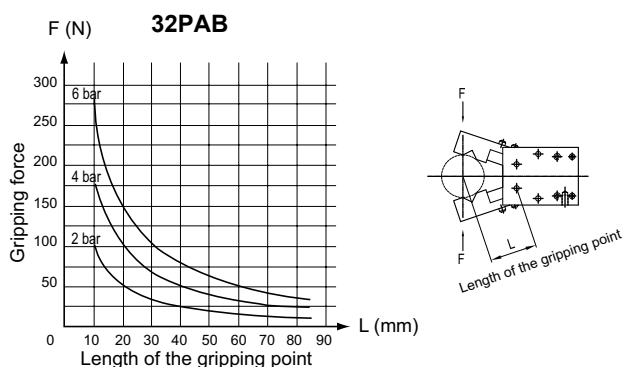
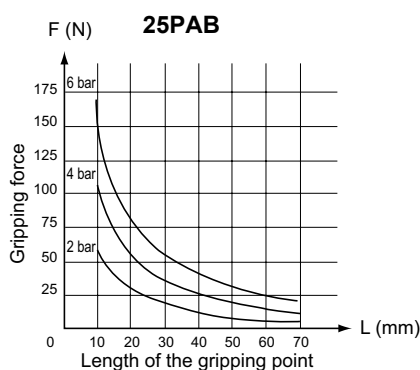
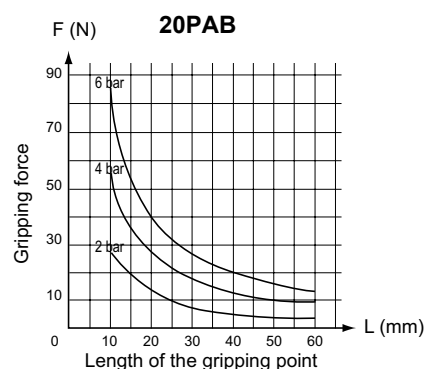
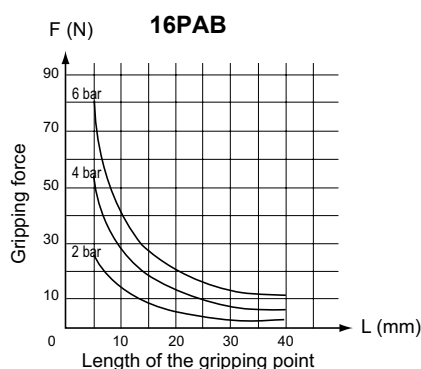
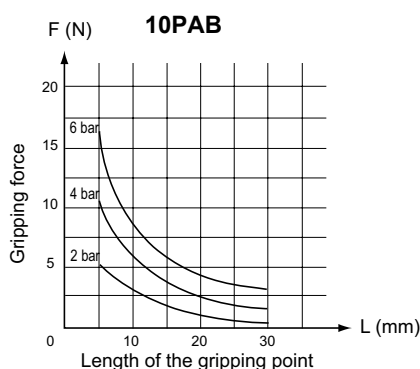
** L = distance of the gripping point (mm)

Materials

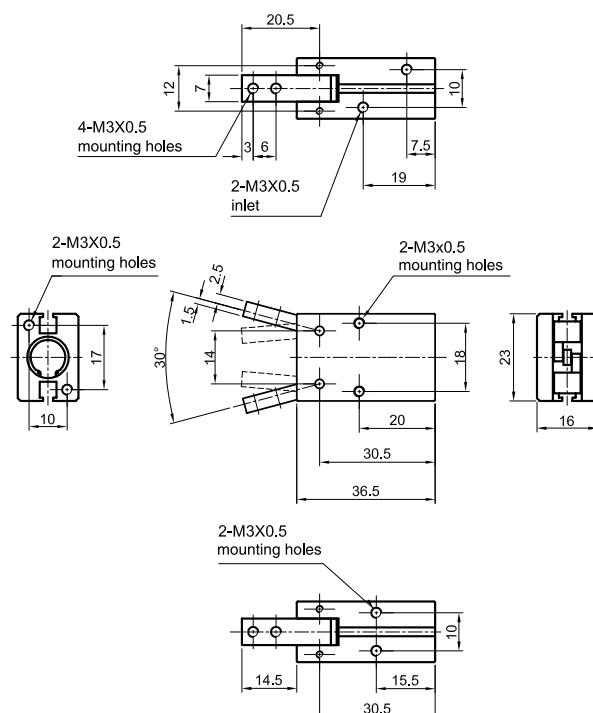


N.	Component	Material
1	Body	Aluminium
2	End cover	Brass
3	Piston	Brass
4	Magnet	Plastic magnet
5	Magnet holder	Brass
6	Piston rod	Stainless steel
7	Piston rod pin	Steel
8	Fingers	Steel alloy
9	Slide pin	Steel
10	Piston seal	NBR
11	Piston rod seal	NBR
12	End cover O-ring	NBR
13	Seeger	Steel
14	Hexagonal screw	Steel alloy

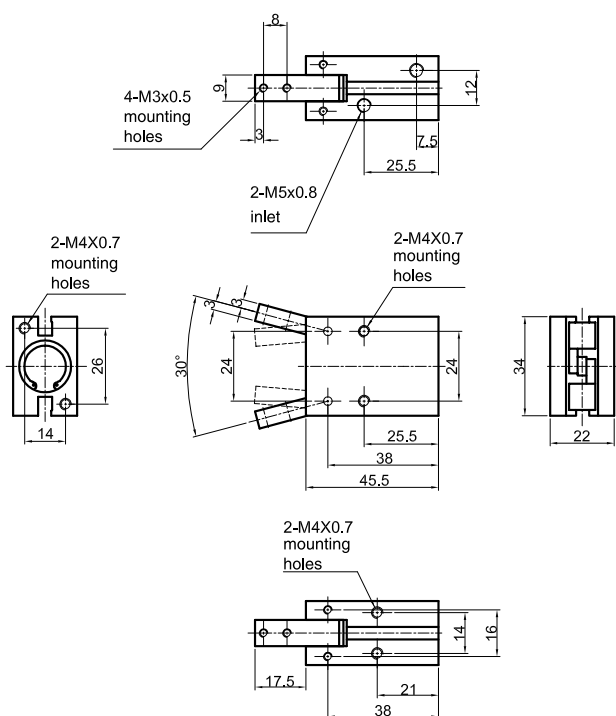
Gripping forces



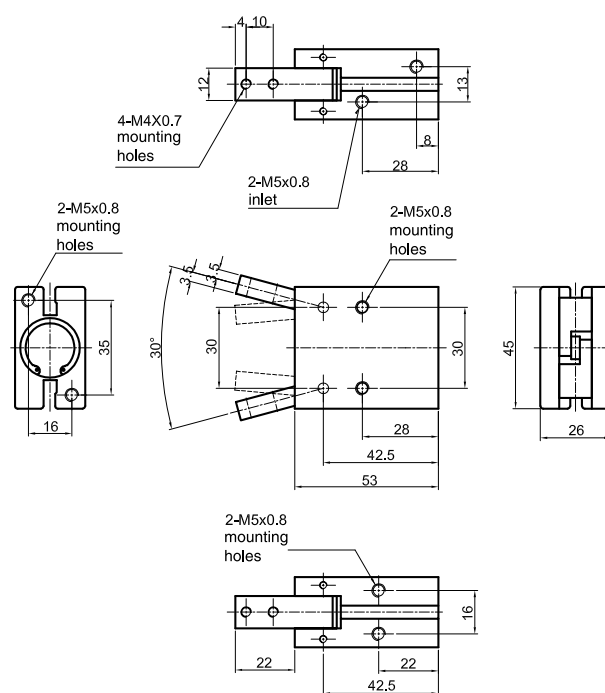
Type: 10PAB



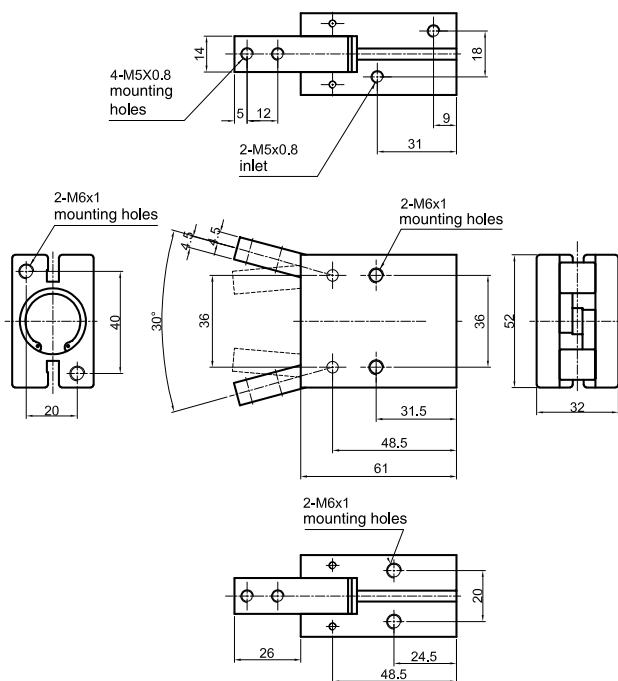
Type: **16PAB**



Type: **20PAB**



Type: **25PAB**



Type: **32PAB**

