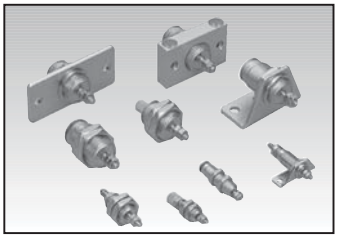
Panel Mounting Cylinder
Series APM
Bore Size: ϕ6, ϕ10, ϕ15



- Higher shock-absorbency
- Extremely durable
- Various nipple options

How to Order

APM B 6 — 10 — N4 — B

1 2 3 4 5 6

1 Panel Mounting Cylinder

2 Mounting
- B : Standard
- S : Block Insertion
- L : Foot Mount
- F : Flange Mount
- P : Plate Mount

3 Bore Size(㎜)
- 6 : Ø6
- 10 : Ø10
- 15 : Ø15

4 Cylinder Strokes(㎜)
- 5 : 5㎜
- 10 : 10㎜
- 15 : 15㎜

※Note) Hose (tube) nipple attachment is not available for the block insertion type.

5 Hose (Tube) Nipple Attachment
Blank : No Nipple

Category	TYPE	Tube O.D	Tube I.D
H4	Cap Type	Ø4	Ø2
H5		Ø4	Ø2.5
H6		Ø6	Ø4
N4	Barb Type	Ø4	Ø2
N5		Ø4	Ø2.5
N6		Ø6	Ø4

※ Refer to the table attached for specific properties and size

6 Rod End Shape
- Blank : Male Thread
- B : No Thread

Specifications

Category	Bore Size(mm)		
	Ø6	Ø10	Ø15
Fluid	Air		
Acting	Single Acting(Spring Return)		
Proof Pressure	1.05Mpa(10.7kgf/㎠)		
Max. Supply Pressur	0.7Mpa(7.1kgf/㎠)		
Min. Operation Pressure	0.2Mpa(2.0kgf/㎠)	0.15Mpa(1.5kgf/㎠)	
Ambient and Fluid Temperature	-10~70℃(No Freeze)		
Rod End Shape	Male Thread(Standard)		
Thread Tolerance	KS Class 2		
Standard Stroke Tolerance	5, 10, 15mm / 0~+1.0mm		
Lubrication	Not required(Non-lube)		
Piston Speed	50~500mm/sec		
Cushion	N/A		

Spring Force

(Unit: N)

Bore Size(mm)	Strokes (mm)		
	5	10	15
Ø6	4.36/1.47	4.33/1.47	4.21/1.47
Ø10	6.66/2.94	7.55/2.94	7.45/2.45
Ø15	11.86/6.57	12.35/5.40	12.70/5.78

Note) The retrieval of spring is indicated as start of retrieval / end of retrieval of the piston.