

Series ADM

Direct Mount Cylinder/Standard Type : Double Acting

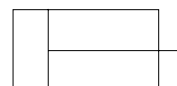
Bore size : $\phi 10$, $\phi 16$, $\phi 20$, $\phi 25$



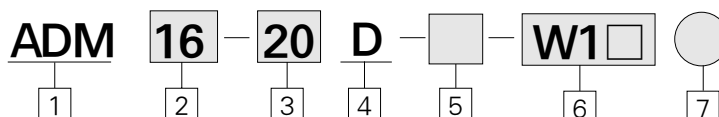
- COMPACT DESIGN SAVES SPACE.
- MULTIPLE MOUNTING OPTIONS
- AUTO SWITCH TYPE AVAILABLE.
- NON LUBRICATED SERVICE STANDARD

Symbol

Double acting



How to Order



1 Direct Mount Cylinder

※ Standard type
Built-in Magnet & Rubber
Cushion

2 Bore size(mm)

10 : $\phi 10$
16 : $\phi 16$
20 : $\phi 20$
25 : $\phi 25$

3 Stroke(mm)

$\phi 10$, 16: 5, 10, 15, 20, 25, 25, 30
 $\phi 20$, 25: 5, 10, 15, 20, 25, 25, 30, 40, 50

4 Acting

D : Double acting

5 Order Made Option

Blank : Standard
XC16 : Copper-Free

6 Auto Switch

Blank : Without Auto Switch
W13 : Reed Switch - 2 wire
(DC24V, AC110V)
W1H : Solid State Switch - 3 wire
(DC24V)

※ Standard Auto Switch lead wire length is 1m.
3m leads available on all models by adding a
"L" suffix to the part number.
Example) W1H → W1HL

7 Number of Auto Switch

Blank: 2pcs.
S : 1pc.

Minimum Operating Pressure (kgf/cm²)

Type \ Bore size (mm)	10	16	20	25
Double acting (Single rod)	0.6	0.6	0.5	0.5

Standard Specifications

Fluid	Air
Proof pressure	10.5kgf/cm ² {1.05MPa}
Max. operating pressure	7kgf/cm ² {0.7Mpa}
Ambient and fluid temperature	5 ~ 60℃
Lubrication	Not required
Cushion	Both sides RUBBER Cushion
Rod end thread	Male thread
Thread tolerance	KS 2 Class
Stroke allowance	+1.0 0
Mounting	Basic type

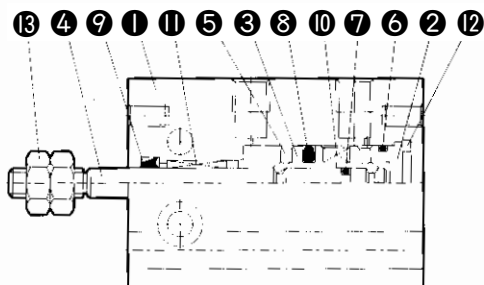
Standard Stroke

(mm)

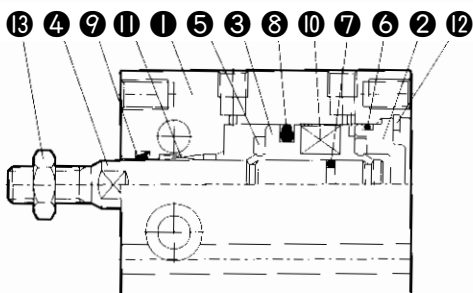
Bore size (mm)	Double acting							
	Stroke							
	5	10	15	20	25	30	40	50
10	●	●	●	●	●	●	-	-
16	●	●	●	●	●	●	-	-
20	●	●	●	●	●	●	●	●
25	●	●	●	●	●	●	●	●

Construction Parts List / Double Acting Single Rod

φ 10, 16



φ 20, φ 25



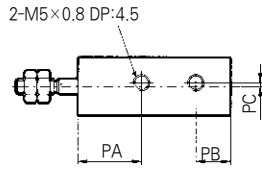
Parts List

No.	Description	Material	Note
①	Cylinder Tube	Aluminum alloy	Hard alumite
②	Head cover	Aluminum alloy	Hard alumite
③	Piston	Brass	
		Aluminum alloy	
④	Piston rod	Stainless steel	
⑤	Bumper	Urethane	
⑥	Head Cover Gasket	NBR	
⑦	Piston Gasket	NBR	
⑧	Piston Packing	NBR	
⑨	Rod Packing	NBR	
⑩	Magnet	-	
⑪	Bush	Sintered oil bearing alloy	
⑫	Snap ring	Spring steel	Nickel plating
⑬	Rod End Nut	Carbon steel	

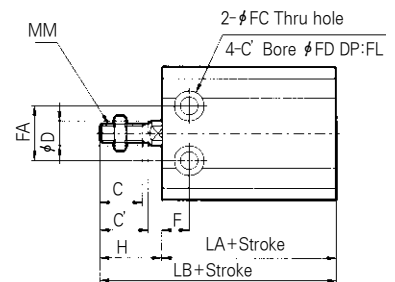
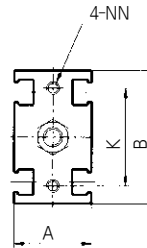
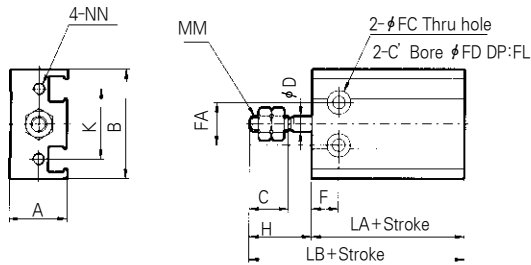
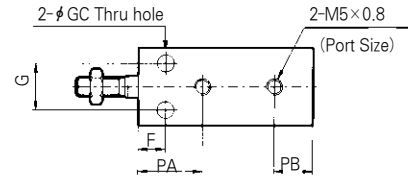
Series ADM

Dimensions Double Acting/Single Rod

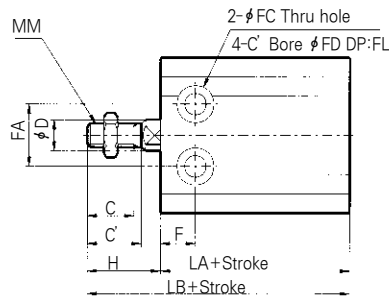
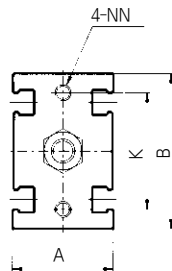
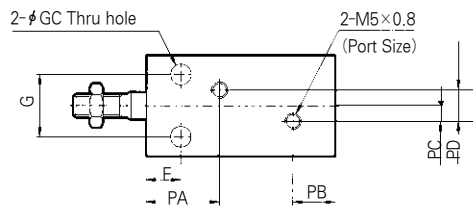
φ 10



φ 16



φ 20, φ 25



(Unit: mm)

Bore size	A	B	C	C'	D	F	FA	FC	FD	FL	H	K	G	GC	MM	NN	PA	PB	PC	PD	LA	LB
φ 10	15.2	28	10	-	4	7	11	3.2	6	5	16	18	-	-	M4×0.7	M3×0.5 DP:5	16.5	9	1	-	35	51
φ 16	20	34	11	12.5	6	7	14	4.3	7.6	6.5	16	25	12	4.3	M5×0.8	M4×0.7 DP:6	16.5	10	-	-	40	56
φ 20	26	40	12	14	8	9	16	5.3	9.3	8	19	30	16	5.3	M6×1.0	M5×0.8 DP:8	19	11	4	8	44	63
φ 25	32	50	15.5	18	10	10	20	5.3	9.3	9	23	38	20	5.3	M8×1.25	M5×0.8 DP:8	21.5	13	4.5	9	48	71