

# Series **ADMK**

## Direct Mount Cylinder/Double Acting/Non-Rotating Rod/Single Rod

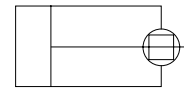
Bore Size :  $\phi 10$   $\phi 16$ ,  $\phi 20$ ,  $\phi 25$



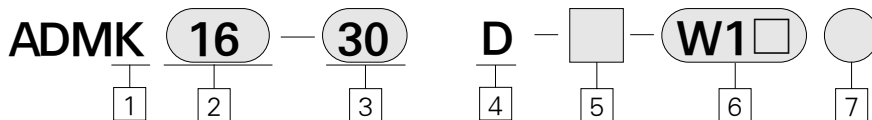
- SPACE SAVING COMPACT DESIGN
- MULTIPLE MOUNTINGS
- NON-ROTATING ROD TYPE AVAILABLE
- NON LUBRICATED SERVICE STANDARD

### Symbol

Non-Rotating Rod/Single Rod



## How To Order



**1** Non-Rotating Rod/  
Single Rod Type

**2** Bore Size(mm)

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

**3** Cylinder Stroke

Standard Stroke (mm)

Bore size	Standard Stroke
$\phi 10, \phi 16$	5, 10, 15, 20, 25, 30
$\phi 20, \phi 25$	5, 10, 15, 20, 25, 30, 40, 50

**4** Acting

D : Double acting

**5** Order Made Option

Blank : Standard  
XC16 : Copper - free

**6** Auto Switch Available

Blank : Without Auto Switch  
W1H : Solid State Switch  
(DC24V)-3wire  
W13 : Reed switch  
(DC24V, AC100V)

※ Standard Auto Switch lead wire length is 0.5m  
3m leads available on all models by adding a  
"L" suffix to the part number.  
Example) W1H → W1HL

**7** Number of Auto Switch

Blank : 2 pcs.  
S : 1pc.  
n : npcs.

## Non-Rotating Piston Rod Accuracy/Specification

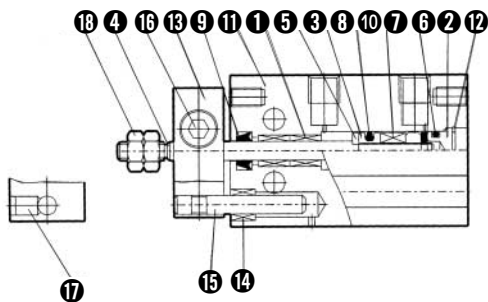
Bore size	φ 10, φ 16	φ 20, φ 25
Non-rotating accuracy	±0.8°	±0.5°

## Standard Specifications

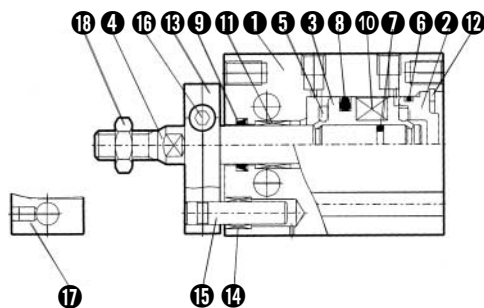
Acting	Double acting single rod
Fluid	Air
Proof pressure	10.5kgf/cm <sup>2</sup> {1.05MPa}
Max. operating pressure	7kgf/cm <sup>2</sup> {0.7MPa}
Ambient and fluid temperature	5 ~ 60℃
Lubrication	Not required
Piston Speed	50 ~ 500 mm/sec
Cushion	Both Side RUBBER Cushion
Rod end thread	Male thread
Thread tolerance	KS 2 class
Stroke allowance	+1.0 0
Mounting	Basic type

## Construction/Parts List/Non-Rotating Piston Single Rod Type

ADMK10  
ADMK16



ADMK20  
ADMK25

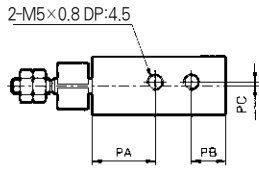


No.	Description	Material	Note
1	Cylinder Tube	Alluminum Alloy	Hard Alumite
2	Head Cover	Alluminum Alloy	Alumite
3	Piston	Brass	φ 10
		Alluminum Alloy	φ 16~φ 25Chromate
4	Piston Rod	Stainless Steel	
5	Bumper	Urethane Rubber	
6	Head Cover Gasket	NBR	
7	Piston Gasket	NBR	
8	Piston Packing	NBR	
9	Rod Packing	NBR	
10	Magnet	-	
11	Bush	Sintered Oil Bearing Alloy	
12	Snap Ring	Spring Steel	Nickel Plating
13	Anti-rotating Plate	Alluminum Alloy	Hard Alumite
14	Guide Bush	Sintered Oil Bearing Alloy	
15	Guide Rod	Stainless Steel	
16	Hexagonal Head Cap Screw	Carbon Steel	
17	Hexagon Socket	Carbon Steel	
18	Rod End Nut	Carbon Steel	Nickel Plating

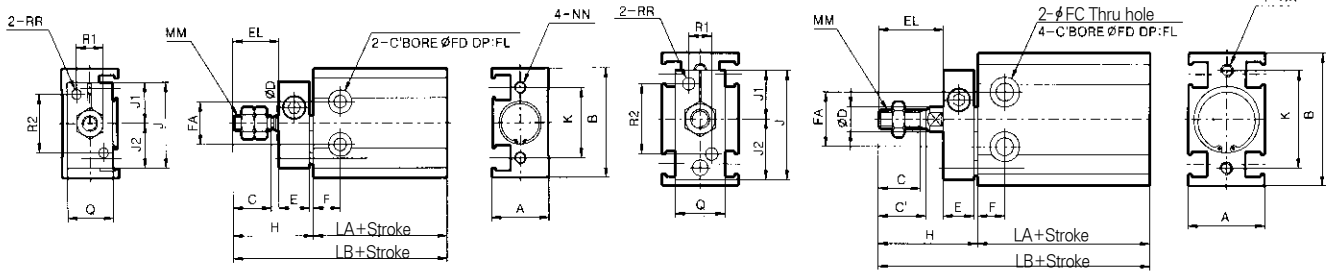
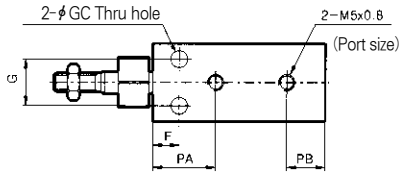
# Series ADMK

## Double Acting/Non-Rotating Single Rod

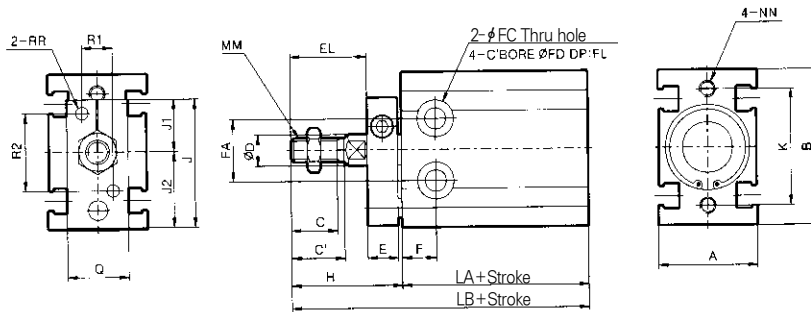
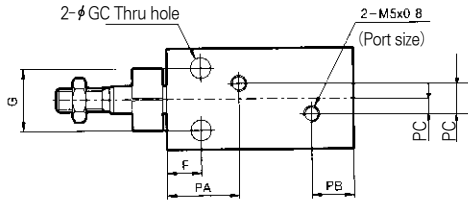
ADMK 10



ADMK 16



ADMK 20  
ADMK 25



(Unit: mm)

Bore size	E	EL	J	J1	J2	Q	R1	R2	RR
φ 10	8	12	22	10.5	11.5	12	7	15	M3×0.5
φ 16	8	17	28	12.5	15.5	13	6	18	M4×0.7
φ 20	8	20	33	13.5	19.5	16	8	20	M4×0.7
φ 25	10	22	43.5	19	24.5	20	10	28	M5×0.8

Bore size	A	B	C	C'	D	F	FA	FC	FD	FL	G	GC	H	K	MM	NN	PA	PB	PC	PD	LA	LB
φ 10	15.2	28	10	-	4	7	11	3.2	6	5	-	-	21	18	M4×0.7	M3×0.5 DP:5	16.5	9	1	-	35	78
φ 16	20	34	11	12.5	6	7	14	4.3	7.6	6.5	12	4.3	26	25	M5×0.8	M4×0.7 DP:6	16.5	10	-	-	40	89.5
φ 20	26	40	12	14	8	9	16	5.3	9.3	8	16	5.3	29	30	M6×1.0	M5×0.8 DP:8	19	11	4	8	44	101
φ 25	32	50	15.5	18	10	10	20	5.3	9.3	9	20	5.3	33	38	M8×1.25	M5×0.8 DP:8	21.5	13	4.5	9	48	113