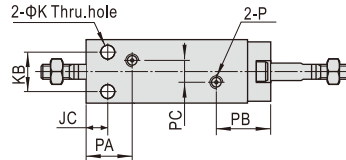
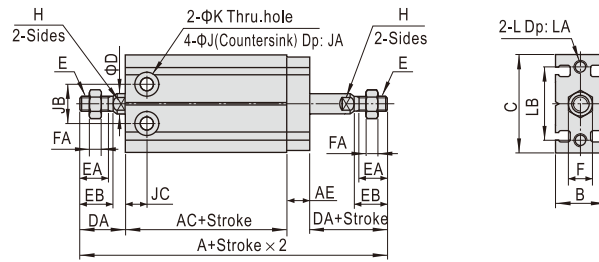


Multi-mount cylinder

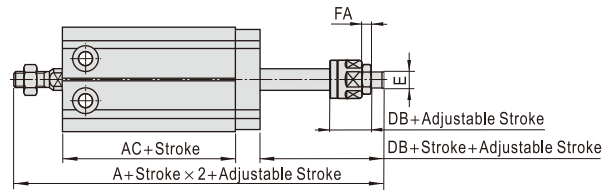
MD Series

MDD



Bore size\Item	Without magnet		With magnet		AE	B	C	D	DA	E	EA	EB	F	FA	H	J	JA	JB	JC	K	KB	L	LA	LB	P	PA	PB	PC
	A	AC	A	AC																								
6	70	38	70	38	6	16.5	22	3	13	M3 × 0.5	7	8	5.5	2.5	-	6	5	10	7	3.3	7	M3 × 0.5	5	17	M5 × 0.8	14	16	-
10	74	36	74	36	6	16.5	24	4	16	M4 × 0.7	10	11	7	2	-	6	5.5	11	7	3.3	9	M3 × 0.5	5	18	M5 × 0.8	15.5	16	-
16	69.5	30	79.5	40	7.5	20	32	6	16	M5 × 0.8	11	12.5	8	4	5	7.5	6.5	14	7	4.5	12	M4 × 0.7	5	25	M5 × 0.8	14.5	17.5	3
20	83	36	93	46	9	26	40	8	19	M6 × 1.0	12	14	10	5	6	9.5	8	16	9	5.5	16	M5 × 0.8	7.5	30	M5 × 0.8	19	18.5	9
25	95	40	105	50	9	32	50	10	23	M8 × 1.25	15.5	18	12	6	8	9.5	9	20	10	5.5	20	M5 × 0.8	8	38	M5 × 0.8	21.5	17.5	12
32	106	42	116	52	10	40	62	12	27	M10 × 1.25	19.5	22	17	6	10	11	11.5	24	11	6.5	24	M6 × 1.0	9	48	1/8"	23	22.5	13

MDJ



Bore size\Item	A(Without magnet)	A(With magnet)	AC(Without magnet)	AC(With magnet)	DB	E	FA
6	70	70	38	38	13	M3 × 0.5	2.5
10	73	73	36	36	15	M4 × 0.7	2
16	70.5	80.5	30	40	17	M5 × 0.8	4
20	85	95	36	46	21	M6 × 1.0	5
25	97	107	40	50	25	M8 × 1.25	6
32	106	116	42	52	27	M10 × 1.25	6

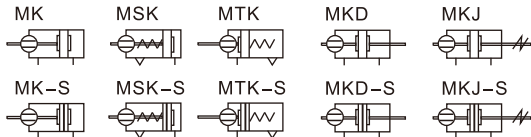
Remark) The unmarked dimension is the same as MD standard type.

Multi-mount cylinder

MK Series



Symbol



Product feature

1. Manufactured by our enterprise.
2. There are several fixation ways for the cylinder, and also convenient to install and use.
3. Several cylinders can be assembled together to effectively save the installation space.
4. The guide precision of piston rod is high and no additional lubricant is needed.
5. Fixed block is attached to piston rod, which prevents it from rotating.
6. Various cylinders are available for your choice.
7. The seal material with high temperature resistance is adopted to guarantee the normal operation of cylinder at 150°C(Option).

Specification

Bore size(mm)		6	10	16	20	25	32
Acting type	MK/MKD/MKJ	Double acting					
	MSK/MTK	Single acting					
Fluid		Air(to be filtered by 40 μm filter element)					
Operating pressure	Double acting	0.15~1.0MPa(22~145psi)					
	Single acting	0.2~1.0MPa(28~145psi)					
Proof pressure		1.5MPa(215psi)					
Temperature °C		-20~70					
Speed range mm/s		Double acting: 30~500 Single acting: 50~500					
Stroke tolerance		+1.0 0					
Cushion type		Bumper					
Port size [Note]		M5×0.8					1/8"

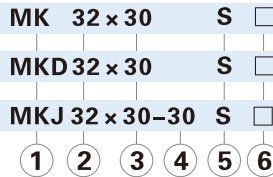
[Note1] PT thread, G thread are available.
Add) Refer to P353 for detail of sensor switch.

Stroke

Bore size (mm)		Standard stroke (mm)						Max.std stroke		
6	Double acting	5	10	15	20	25	30	35	35	
	Single acting	5	10	15	20				20	
10	Double acting	5	10	15	20	25	30	35	35	
	Single acting	5	10	15	20				20	
16	Double acting	5	10	15	20	25	30	40	50	50
	Single acting	5	10	15	20				20	
20	Double acting	5	10	15	20	25	30	40	50	60
	Single acting	5	10	15	20				20	
25	Double acting	5	10	15	20	25	30	40	50	60
	Single acting	5	10	15	20				20	
32	Double acting	5	10	15	20	25	30	40	50	60
	Single acting	5	10	15	20				20	

Note) 1. Please contact the company for other special strokes.
2. The dimensions of non-std stroke cylinder has the same dimensions as the next longer stroke std. stroke cylinder. e.g. 23mm stroke cylinder has the same dimensions of 25 std. stroke cylinder.

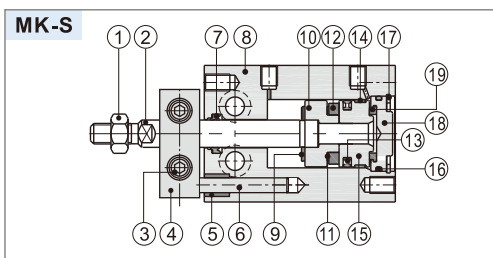
Ordering code



① Model	② Bore size	③ Stroke	④ Adjustable stroke	⑤ Magnet	⑥ Thread type [Note1]
MK: Multi-mount cylinder(Double acting no-rotating type)	6 10 16 20 25 32	Refer to stroke table for details	No this code 10 20 30	Blank: Without magnet S: With magnet	Blank: PT G: G
MSK: Multi-mount cylinder(Single acting-push no-rotating type)					
MTK: Multi-mount cylinder (Single acting-pull no-rotating type)					
MKD: Multi-mount cylinder(Double rod no-rotating type)					
MKJ: Multi-mount cylinder(Adjustable stroke no-rotating type)					

[Note1] Standard thread is blank here.

Inner structure and material of major parts



NO.	Item	Material	NO.	Item	Material
1	Rod nut	Carbon steel	11	Magnet washer	NBR
2	Piston rod	Stainless steel	12	Magnet	Sintered metal(Neodymium-iron-boron)
3	Screw	Carbon steel	13	Piston seal	NBR
4	No-rotating plate	Aluminum alloy	14	Wear ring	Wear resistant material
5	Bushing	Brass	15	Piston	Aluminum alloy
6	Fixed rod	Stainless steel	16	O-ring	NBR
7	Rod packing	NBR	17	C-clip	Spring steel
8	Body	Aluminum alloy	18	Back cover	Aluminum alloy
9	Bumper	TPU	19	Bumper	TPU
10	Magnet holder	Aluminum alloy			