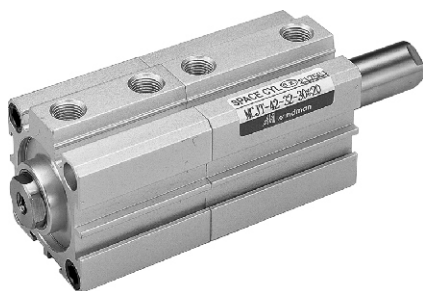


MCJT Back to back type $\phi 12 \sim \phi 100$

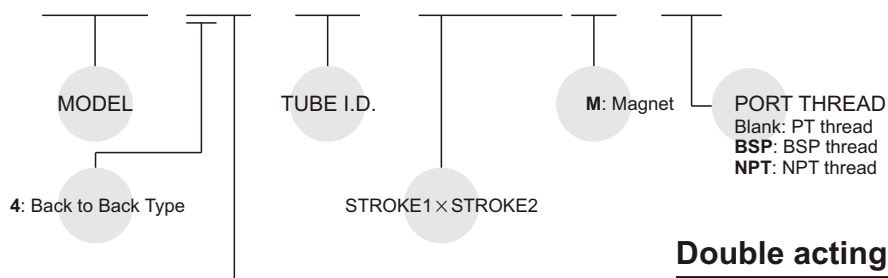
COMPACT CYLINDERS



Model		MCJT									
Acting type		Double acting / Single acting							Double acting		
Tube I.D. (mm)		12	16	20	25	32	40	50	63	80	100
Port size Rc(PT)		M5×0.8				PT 1/8		PT 1/4		PT 3/8	
Medium		Air									
Operating pressure kgf/cm ²	Double acting	0.5~9.9		0.3~9.9		0.2~9.9					
	Single acting	2.0~9.9		1.5~9.9		1.0~9.9			—		
Proof pressure		15 kgf/cm ²									
Ambient temperature		- 5~+ 60℃ (No freezing)									
Sensor switch		RCB, RCE, RCE1									

Order example:

MCJT - 42 - 40 - 25 $\times$ 25 M - BSP



STYLE:

Code	Symbol	Description
4 1		Double acting / Male thread
4 2		Double acting / Female thread
4 3		Single acting / Normally extended male thread
4 4		Single acting / Normally extended female thread
4 5		Single acting / Normally returned male thread
4 6		Single acting / Normally returned female thread

※ Order example for special specification, refer to page H-03.

Double acting - Table for standard stroke

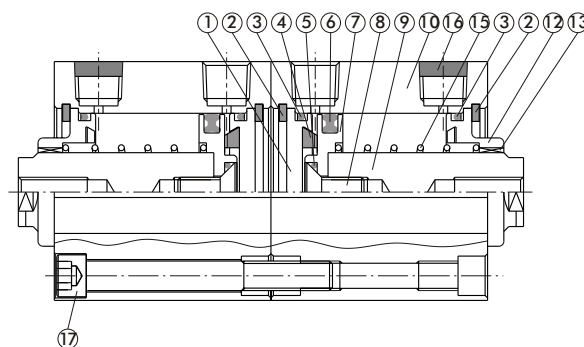
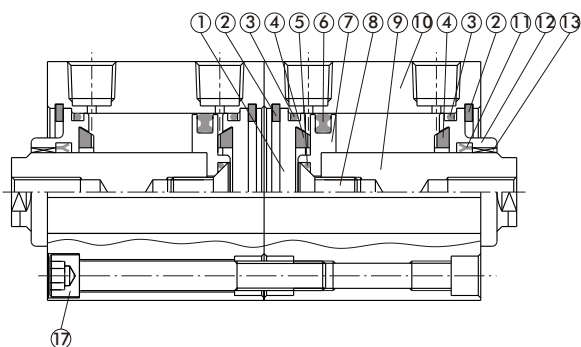
Tube I.D.	Stroke (mm)	Max. stroke
$\phi 12, 16$	5, 10, 15, 20, 25, 30	300
$\phi 20, 25, 32$ $\phi 40, 50, 63$	5, 10, 15, 20, 25, 30, 35, 40, 45, 50	300
$\phi 80 \sim 100$	5, 10, 15, 20, 25, 30, 35, 40, 45, 50	125

- Stroke out of specification is also available.
- Please consult us if stroke out of specification.

Single acting - Table for standard stroke

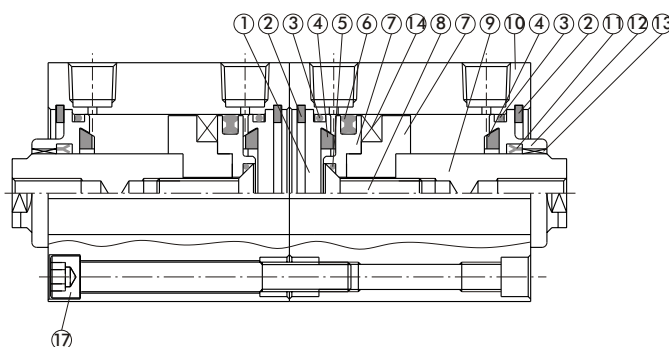
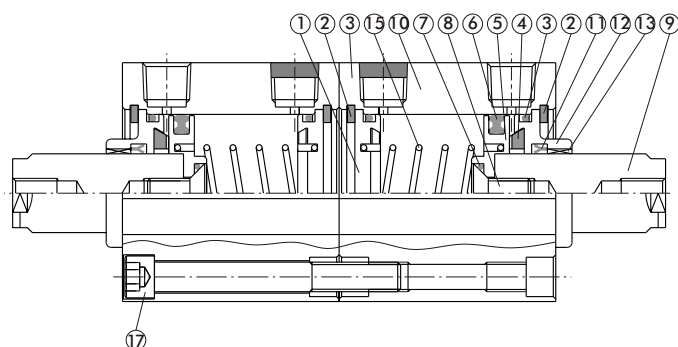
Tube I.D.	Stroke (mm)
$\phi 12, 16, 20, 25, 32, 40$	5, 10
$\phi 50$	10, 20

Single acting
Normally returned



Single acting
Normally extended

Double acting (with magnet)

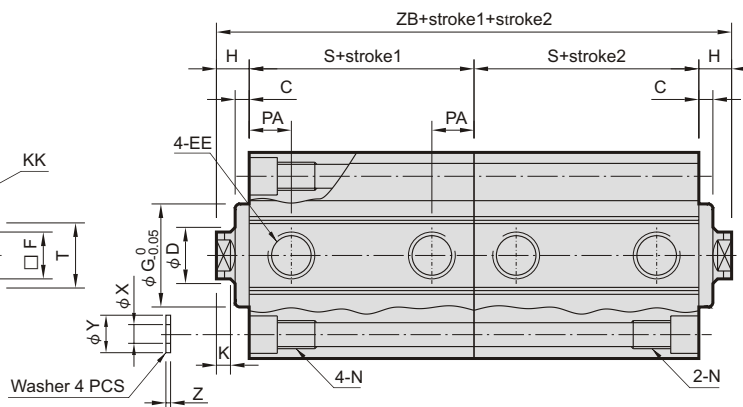
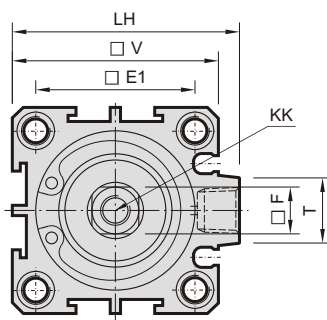
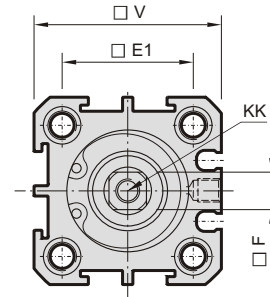
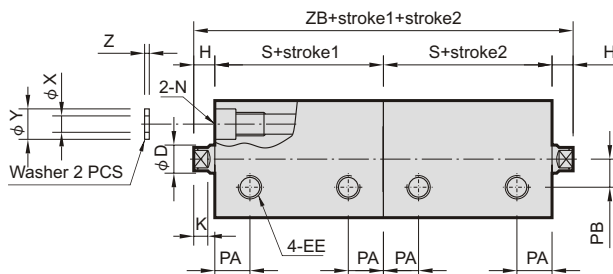
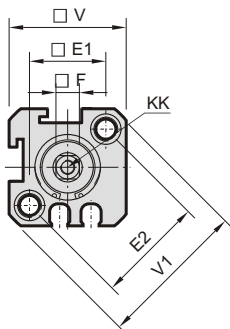


Seal kit

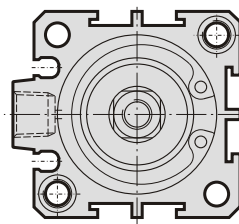
	Rod packing		Piston packing		Cover ring	Piston gasket
Acting type	Double action normally extended	Normally returned	Double action	Single action	Double action single action	Double action single action
Qty.	2	0	2	2	4	2
12	KSYR-6	—	OPA-12	OPA-12	S-12	d4 × w1
16	KSYR-8	—	OPA-16	OPA-16	S-14	d4 × w1
20	KSYR-10	—	OPA-20	OPA-20	S-18	d6 × w1
25	KSYR-12	—	OPA-25	OPA-25	S-22	d8 × w1
32	KSYR-16	—	OPA-32	OPA-32	d28 × w2	S-9
40	KSYR-16	—	OPA-40	OPA-40	S-36	S-9
50	KSYR-20	—	OPA-50	OPA-50	AS-31	S-16
63	KSYR-20	—	OPA-63	—	AS-36	S-16
80	ORA-25	—	OPA-80	—	AS-41	d20 × w1
100	SDR-30	—	OPA-100	—	S-95	S-26

Material

No.	Part name	Tube I.D.	12	16	20	25	32	40	50	63	80	100
1	Head cover	Aluminum alloy										
2	Snap ring	Spring steel										
3	Cover ring	NBR										
4	Cushion packing	—	NBR									
5	Piston gasket	NBR										
6	Piston packing	NBR										
7	Piston	Aluminum alloy										
8	Screw	SCM										
9	Piston rod	SUS					Carbon steel					
10	Body	Aluminum alloy										
11	Rod packing	NBR										
12	Rod cover	Aluminum alloy										
13	Bush	—					Teflon					
14	Magnet	Plastic										
15	Spring	SWP									—	
16	Silencer	Brass									—	
17	Screw	SCM										



※ with magnet type: the stroke length must be over 100mm.



※2: without magnet with stroke=5mm, EE=PT1/8

Code Tube I.D.	T	V	V1	X	Y	Z	without magnet		magnet	
							S	ZB	S	ZB
12	-	25	32	3.2	6.3	1	20.5	50	25.5	60
16	-	29	38	3.2	6.3	1	20.5	50	30.5	70
20	-	34	-	3.2	6.3	1	19.5	50	29.5	70
25	-	40	-	4.2	7.8	1	21	54	31	74
32	14	44	-	4.2	7.8	1	24	62	34	82
40	14	52	-	6.2	10.3	1.6	26.5	67	36.5	87
50	19	62	-	6.2	10.8	1.6	28.6	75.2	38.6	95.2
63	20	75	-	6.2	10.8	1.6	32.5	83	42.5	103
80	27	94	-	8.2	13.8	1.6	41	104	51	124
100	26	114	-	10.2	17.3	2	45	108	55	128