

MCJK series

COMPACT CYLINDERS



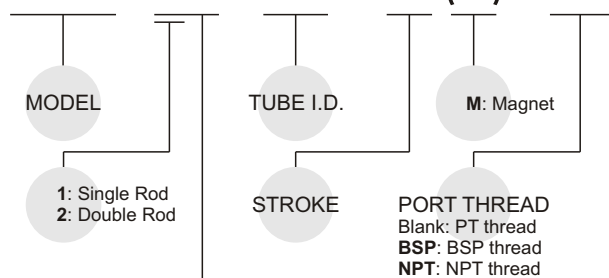
Features:

- Ultra-compact, lightweight, space-saving type.
- Available with a comprehensive selection of bore size (ϕ 16mm~ ϕ 100mm) for the various needs.
- The highly accurate, air-driven push-pull work.

Model	MCJK		
Tube I.D. (mm)	16, 20, 25	32, 40	50, 63, 80, 100
Port size RC(PT)	M5	PT 1/8	PT 1/4
Medium	Air		
Operating pressure range	0.5~9.9 kgf/cm ²		
Proof pressure	15 kgf/cm ²		
Ambient temperature	- 5~ + 60°C (No freezing)		
Cushion	With rubber cushion pad		
Lubrication	Not required		
Sensor switch	RCS		
Sensor switch holder	HK		

Order example:

MCJK — 11 — 40 — 25(M) — BSP



STYLE:

Code	SYMBOL	Description
1 1		Double acting / Male thread
1 2		Double acting / Female thread
1 3		Single acting / Normally extended male thread
1 4		Single acting / Normally extended female thread
1 5		Single acting / Normally returned male thread
1 6		Single acting / Normally returned female thread
2 1		Dual rod / Male thread
2 2		Dual rod / Female thread
2 7		Dual rod / Adjustable male thread Please mark "adjustable distance(mm)" at order list
2 8		Dual rod / Adjustable female thread Please mark "adjustable distance(mm)" at order list

Double acting - Table for standard stroke

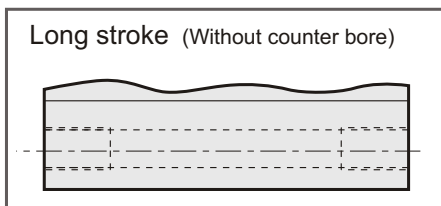
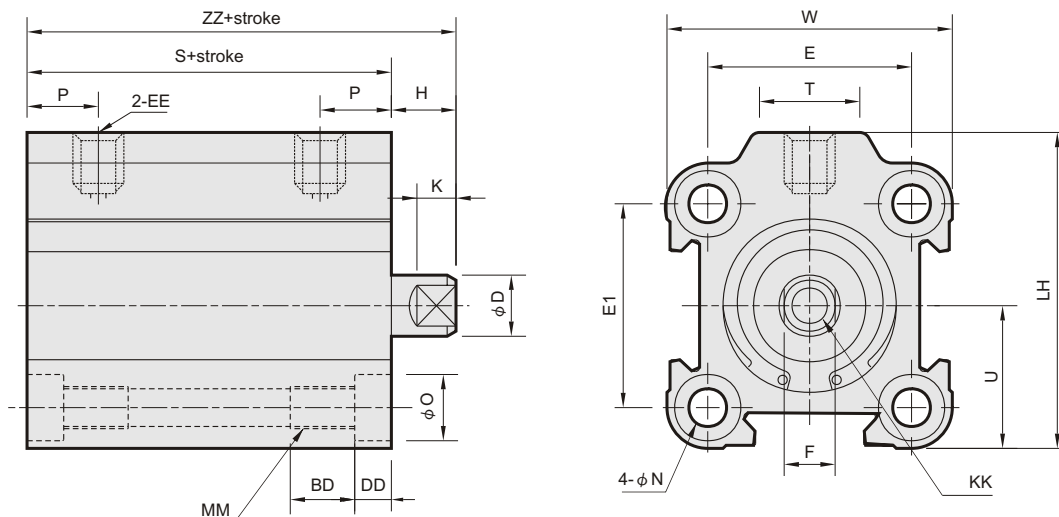
	Tube I.D.	Stroke (mm)	Max. stroke
Single rod Dual rod	ϕ 16	5, 10, 15, 20, 25, 30	300
	ϕ 20, 25	5, 10, 15, 20, 25, 30, 35, 40, 45, 50	
	ϕ 32, 40		
	ϕ 50		
	ϕ 63		
	ϕ 80		
	ϕ 100		

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

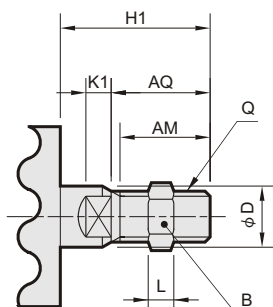
Single acting - Table for standard stroke

Tube I.D.	Stroke (mm)
ϕ 16, 20, 25, 32, 40	5, 10
ϕ 50	10, 20

MCJK-12



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



MCJK-11 male thread size

Code Tube I.D.	AM	AQ	B	H1	K1	L	Q
16	9	10.5	8	14	3	4	M5×0.8
20	12	14	13	18.5	3	5	M8×1.25
25	15	17.5	17	22	3	6	M10×1.25
32	20.5	23.5	22	28.5	3	8	M14×1.5
40	20.5	23.5	22	28.5	5	8	M14×1.5
50	26	28.5	26	33.5	3	11	M18×1.5
63	26	28.5	26	33.5	3	11	M18×1.5
80	32.5	35.5	32	48.5	10	13	M22×1.5
100	32.5	35.5	35	52.5	14	14	M26×1.5

Outer size table

Code Tube I.D.	BD	D	DD	E	EE	E1	F	H	K	KK	LH	MM	N	O	P	S(※)	T	U	W	ZZ(※)
16	7	6	3.5	20	M5×0.8	20	5	4	3	M3×0.5 Screw depth 6	31	M4×0.7	3.7	6	8.7	31.5(21.5)	11	14	28	35.5(25.5)
20	10	10	5	22	M5×0.8	22	8	4.5	3	M5×0.8 Screw depth 7	35	M5×0.8	4.6	8	9	36 (26)	11	16	32	40.5(30.5)
25	10	12	5	26	M5×0.8	28	10	4.5	3	M6×1.0 Screw depth 12	44.5	M5×0.8	4.6	8	9.5	40 (30)	16.5	19.5	38	44.5(34.5)
32	10	16	7	32	PT 1/8	36	14	7	5	M8×1.25 Screw depth 13	54	M6×1.0	5.5	9	10.5	41.5(31.5)	18	24	45	48.5(38.5)
40	10	16	7	40	PT 1/8	40	14	7	7	M8×1.25 Screw depth 13	60	M6×1.0	5.5	9	13.5	49.5(39.5)	18	27.25	54.5	56.5(46.5)
50	14	20	8	50	PT 1/4	50	17	8	6	M10×1.5 Screw depth 15	72.5	M8×1.25	7.4	10.5	14.5	50 (40)	22	32.5	65	58 (48)
63	18	20	10.5	62	PT 1/4	62	17	8	6	M10×1.5 Screw depth 15	88	M10×1.5	9.3	14	17.5	56.5(46.5)	22	40	80	64.5(54.5)
80	22	25	10.5	82	PT 1/4	82	22	13	10	M16×2 Screw depth 21	110	M10×1.5	9.3	14	22.5	65 (55)	26	50	100	78 (68)
100	22	30	11	103	PT 1/4	103	27	17	14	M20×2.5 Screw depth 27	134	M12×1.75	11.2	17.5	24.5	74 (64)	26	62	124	91 (81)

● S() and ZZ() indicate the size of that without magnet ring.