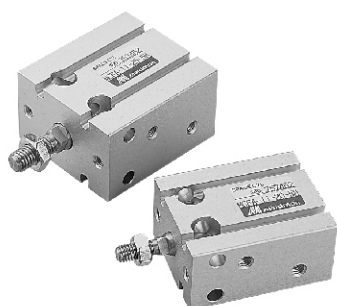


MCFA series

ARBITRARY MOUNT CYLINDERS



Features:

- Space saving.

Specification:

Model		MCFA		
Acting type		Double acting		
Tube I.D. (mm)		6	10, 16	20, 25, 32
Port size	ϕ 6~ ϕ 25	M5×0.8		
	ϕ 32	PT 1/8		
Medium		Air		
Max. operating pressure		7 kgf/cm ²		
Min. operating pressure		1.2 kgf/cm ²	0.6 kgf/cm ²	0.5 kgf/cm ²
Proof pressure		10 kgf/cm ²		
Ambient temperature		− 5~ + 60℃ (No freezing)		
Lubrication		Not required		
Available speed range		50~500 mm/sec		
Cushion		With rubber cushion pad		
Sensor switch		RCE, RCE1		

Order example:

MCFA – 11 – 6 – 10(M) – K

MODEL

TUBE I.D.

M: Magnet

1: Single Rod
2: Double Rod

STROKE

NON-ROTATING
ROD

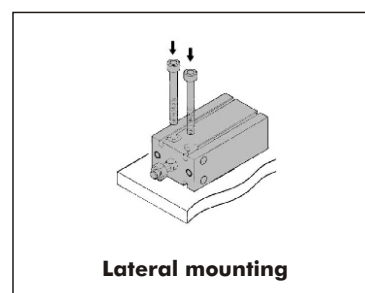
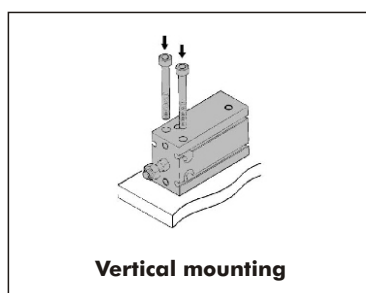
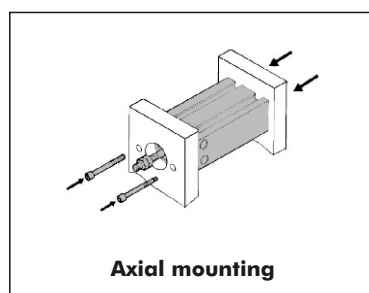
STYLE

Code	Symbol	Description
1 1		Double action / Male thread
2 1		Dual rod / Male thread

Table for standard stroke

Tube I.D.	Stroke (mm)
$\phi 6, 10, 16$	5, 10, 15, 20, 25, 30
$\phi 20, 25, 32$	5, 10, 15, 20, 25, 30, 40, 50

Mounting



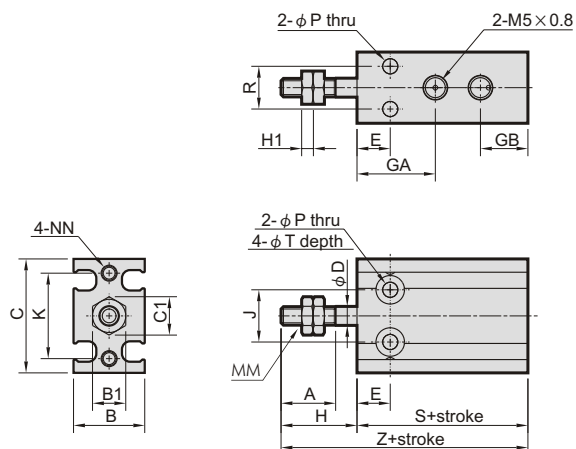
※ Set screws for magnet type recommend to use stainless steel.

MCFA Single rod

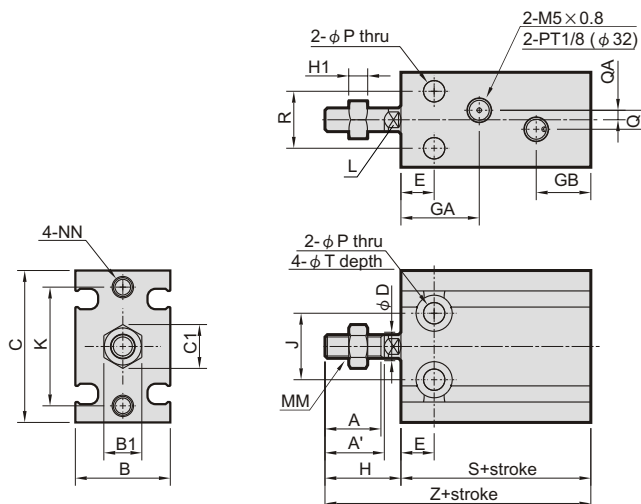
ARBITRARY MOUNT CYLINDERS



$\phi 6, \phi 10$



$\phi 16 \sim \phi 32$



Code Tube I.D.	A	A'	B	B1	C	C1	D	E	GA	GB	H	H1	J	K	L	MM	NN	P	Q	QA	R
6	7	-	13	5.5	22	6.4	3	7	15	10	13	1.8	10	17	-	M3×0.5	M3×0.5×5depth	3.2	-	-	7
10	10	-	15	7	24	8.1	4	7	16.5	10	16	2.4	11	18	-	M4×0.7	M3×0.5×5depth	3.2	-	-	9
16	11	12.5	20	8	32	9.2	6	7	※16.5	11.5	16	4	14	25	5	M5×0.8	M4×0.7×6depth	4.5	4	2	12
20	12	14	26	10	40	11.5	8	9	19	12.5	19	5	16	30	6	M6×1.0	M5×0.8×8depth	5.5	9	4.5	16
25	15.5	18	32	13	50	15.0	10	10	21.5	13	23	5	20	38	8	M8×1.25	M5×0.8×8depth	5.5	9	4.5	20
32	19.5	22	40	17	62	19.6	12	11	23	12.5	27	6	24	48	10	M10×1.25	M6×1.0×9depth	6.5	13.5	4.5	24

※ without magnt with stroke=5mm, GA=14.5mm.

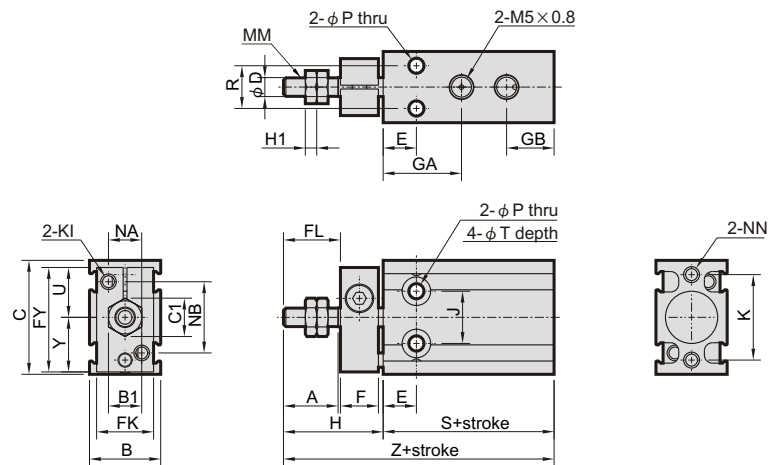
Code Tube I.D.	T	without magnet		magnet	
		S	Z	S	Z
6	6×4.8depth	33	46	33	46
10	6×5depth	36	52	36	52
16	7.6×6.5depth	30	46	40	56
20	9.3×8depth	36	55	46	65
25	9.3×9depth	40	63	50	73
32	11×11.5depth	42	69	52	79

MCFA Non-rotating rod / Single rod

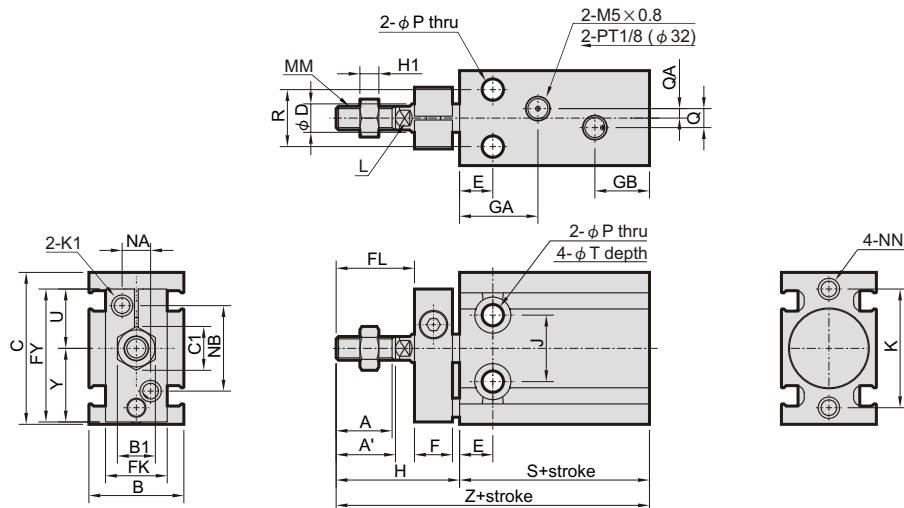
ARBITRARY MOUNT CYLINDERS



$\phi 6, \phi 10$



$\phi 16 \sim \phi 32$



Code Tube I.D.	A	A'	B	B1	C	C1	D	E	F	FL	FK	FY	GA	GB	H	H1	J	K	KI	L	MM	NA	NB
6	7	-	13	5.5	22	6.4	3	7	8	9	11	20.5	15	10	18	1.8	10	17	M3x0.5	-	M3x0.5	6	14
10	10	-	15	7	24	8.1	4	7	8	12	12	22	16.5	10	21	2.4	11	18	M3x0.5	-	M4x0.7	7	15
16	11	12.5	20	8	32	9.2	6	7	8	17	13	28	※16.5	11.5	26	4	14	25	M4x0.7	5	M5x0.8	6	18
20	12	14	26	10	40	11.5	8	9	8	20	16	33	19	12.5	29	5	16	30	M4x0.7	6	M6x1.0	8	20
25	15.5	18	32	13	50	15.0	10	10	10	22	20	43.5	21.5	13	33	5	20	38	M5x0.8	8	M8x1.25	10	28
32	19.5	22	40	17	62	19.6	12	11	12	29	24	51.5	23	12.5	42	6	24	48	M5x0.8	10	M10x1.25	12	32

※ without magnt with stroke=5mm, GA=14.5mm.

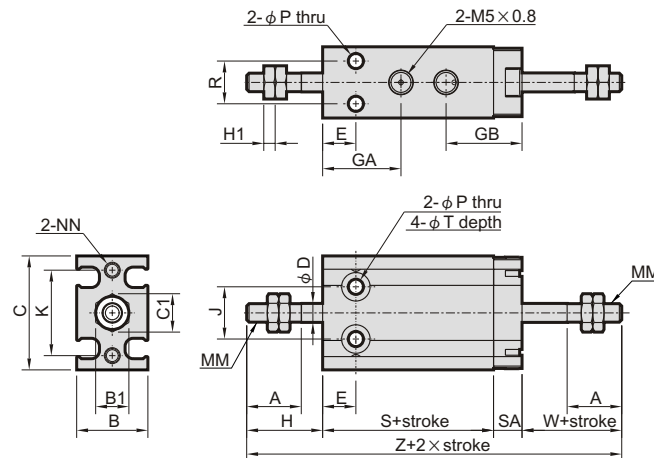
Code Tube I.D.	NN	P	Q	QA	R	T	U	Y	without magnet		magnet	
									S	Z	S	Z
6	M3x0.5x5depth	3.2	-	-	7	6x4.8depth	10	10.5	33	51	33	51
10	M3x0.5x5depth	3.2	-	-	9	6x5depth	10.5	11.5	36	57	36	57
16	M4x0.7x6depth	4.5	4	2	12	7.6x6.5depth	12.5	15.5	30	56	40	66
20	M5x0.8x8depth	5.5	9	4.5	16	9.3x8depth	13.5	19.5	36	65	46	75
25	M5x0.8x8depth	5.5	9	4.5	20	9.3x9depth	19	24.5	40	73	50	83
32	M6x1.0x9depth	6.6	13.5	4.5	24	11x11.5depth	21	30.5	42	84	52	94

MCFA Double rod

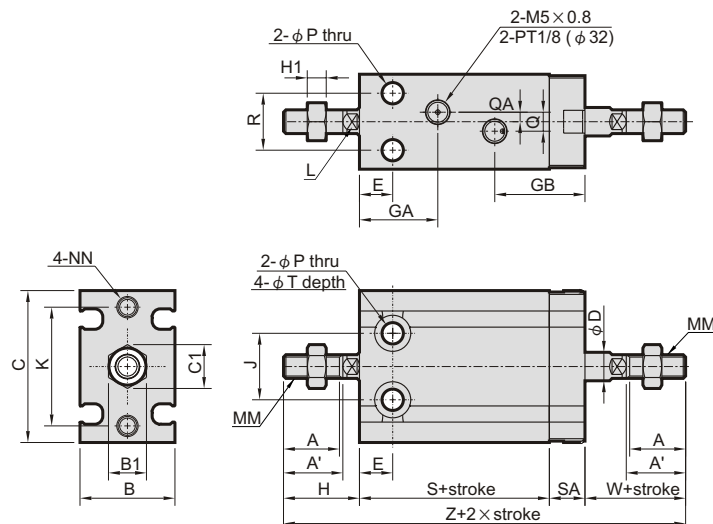
ARBITRARY MOUNT CYLINDERS



$\phi 6, \phi 10$



$\phi 16 \sim \phi 32$



Code Tube I.D.	A	A'	B	B1	C	C1	D	E	GA	GB	H	H1	J	K	L	MM	NN	P	Q	QA	R	SA
6	7	-	13	5.5	22	6.4	3	7	15	16	13	1.8	10	17	-	M3×0.5	M3×0.5×5depth	3.2	-	-	7	6
10	10	-	15	7	24	8.1	4	7	16.5	16	16	2.4	11	18	-	M4×0.7	M3×0.5×5depth	3.2	-	-	9	6
16	11	12.5	20	8	32	9.2	6	7	※16.5	19	16	4	14	25	5	M5×0.8	M4×0.7×6depth	4.5	4	2	12	7.5
20	12	14	26	10	40	11.5	8	9	19	21.5	19	5	16	30	6	M6×1.0	M5×0.8×8depth	5.5	9	4.5	16	9
25	15.5	18	32	13	50	15.0	10	10	21.5	22	23	5	20	38	8	M8×1.25	M5×0.8×8depth	5.5	9	4.5	20	9
32	19.5	22	40	17	62	19.6	12	11	23	22.5	27	6	24	48	10	M10×1.25	M6×1.0×9depth	6.5	13.5	4.5	24	10

※ without magnt with stroke=5mm, GA=14.5mm.

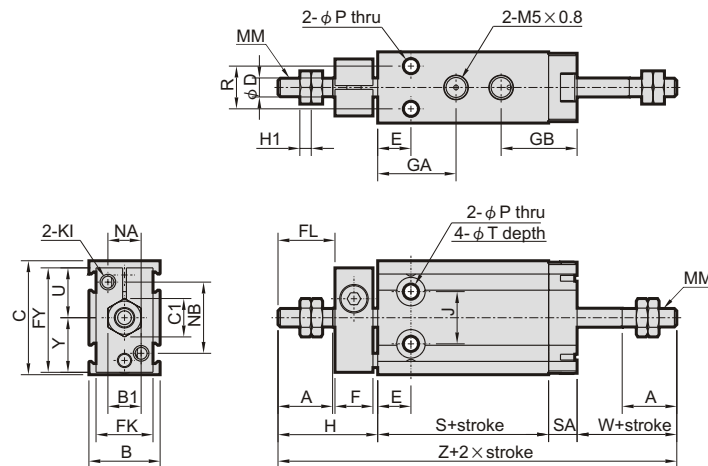
Code Tube I.D.	T	W	without magnet		magnet	
			S	Z	S	Z
6	6×4.8depth	13	38	70	38	70
10	6×5depth	16	36	74	36	74
16	7.6×6.5depth	16	30	69.5	40	79.5
20	9.3×8depth	19	36	83	46	93
25	9.3×9depth	23	40	95	50	105
32	11×11.5depth	27	42	106	52	116

MCFA Non-rotating rod / Double rod

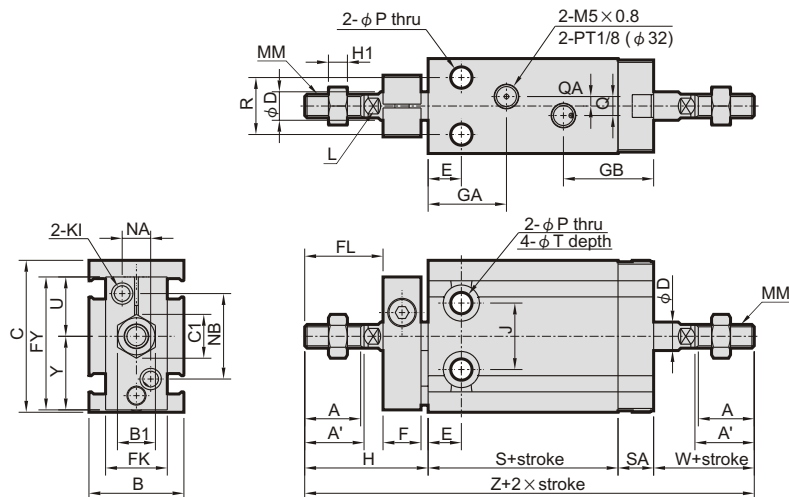
ARBITRARY MOUNT CYLINDERS



φ 6, φ 10



φ 16~φ 32



Code Tube I.D.	A	A'	B	B1	C	C1	D	E	F	FL	FK	FY	GA	GB	H	H1	J	KI	L	MM	NA	NB	P	Q
6	7	-	13	5.5	22	6.4	3	7	8	9	11	20.5	15	16	18	1.8	10	M3×0.5	-	M3×0.5	6	14	3.2	-
10	10	-	15	7	24	8.1	4	7	8	12	12	22	16.5	16	21	2.4	11	M3×0.5	-	M4×0.7	7	15	3.2	-
16	11	12.5	20	8	32	9.2	6	7	8	17	13	28	※16.5	19	26	4	14	M4×0.7	5	M5×0.8	6	18	4.5	4
20	12	14	26	10	40	11.5	8	9	8	20	16	33	19	21.5	29	5	16	M4×0.7	6	M6×1.0	8	20	5.5	9
25	15.5	18	32	13	50	15.0	10	10	10	22	20	43.5	21.5	22	33	5	20	M5×0.8	8	M8×1.25	10	28	5.5	9
32	19.5	22	40	17	62	19.6	12	11	12	29	24	51.5	23	22.5	42	6	24	M5×0.8	10	M10×1.25	12	32	6.6	13.5

※ without magnt with stroke=5mm, GA=14.5mm.

Code Tube I.D.	QA	R	SA	T	U	W	Y	without magnet		magnet	
								S	Z	S	Z
6	-	7	6	6×4.8depth	10	13	10.5	38	75	38	75
10	-	9	6	6×5depth	10.5	16	11.5	36	79	36	79
16	2	12	7.5	7.6×6.5depth	12.5	16	15.5	30	79.5	40	89.5
20	4.5	16	9	9.3×8depth	13.5	19	19.5	36	93	46	103
25	4.5	20	9	9.3×9depth	19	23	24.5	40	105	50	115
32	4.5	24	10	11×11.5depth	21	27	30.5	42	121	52	131