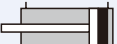
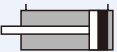


MHCB..M	Front mounting	
MHCB..MZ	Front mounting (Male thread type)	

Features

- Compact body design keeps overall length to a minimum.
- Cylinder barrel internally honed to ensure smooth and consistent piston movement.
- High quality materials are used throughout construction.
- Magnetic as standard.

Specification

Model	MHCB-M
Tube I.D. (mm)	32, 40, 50, 63, 80
The range of stroke (mm)	10 ~ 50
Medium	Filtered oil
Material	Anodised aluminum alloy
Max. operating pressure	7 MPa
Ambient temperature	-10~+60°C (No freezing)
Sensor switch (*)	LN32H

* LN32H specification, please refer to page 5-18.

Standard stroke

Model	Stroke Tube I.D.	10	20	30	40	50																									
		MHCB-M	<table border="1"> <tr><td>ø32</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td></tr> <tr><td>ø40</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td></tr> <tr><td>ø50</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td></tr> <tr><td>ø63</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td></tr> <tr><td>ø80</td><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td></tr> </table>	ø32	●	●	●	●	●	ø40	●	●	●	●	●	ø50	●	●	●	●	●	ø63	●	●	●	●	●	ø80	●	●	●
ø32	●	●	●	●	●																										
ø40	●	●	●	●	●																										
ø50	●	●	●	●	●																										
ø63	●	●	●	●	●																										
ø80	●	●	●	●	●																										

Order example

MHCB — 50 M — 30 — Z

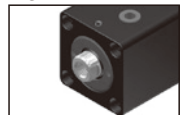
MODEL

TUBE I.D.

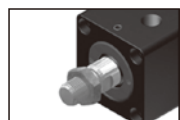
STROKE

ROD END TYPE

M: Magnet

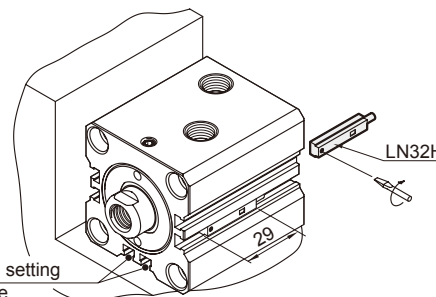


Blank: Female thread



Z: Male thread

Installation of sensor switch



The sensor switch setting here is not suitable.

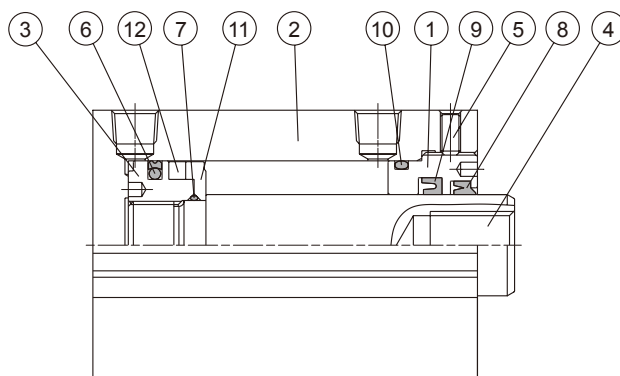
© When setting the sensor switch, it can't be near with magnet materials (carbon steel, cast iron). The distance must be over 10mm. If it is quite near, the sensor switch will be inactive easily.

How to order the seal kit

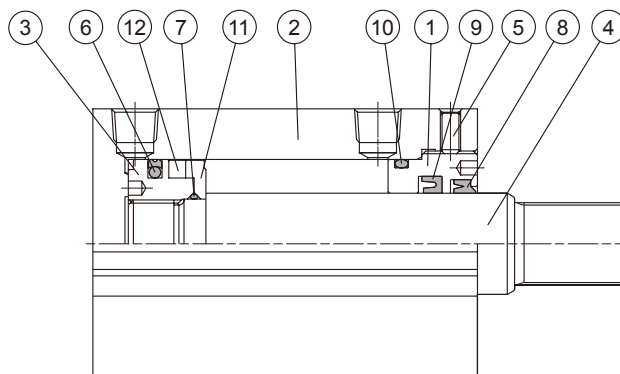
MHCB-MSK

Tube I.D.	Seal kit
32	MHCB-MSK32 - Including No.6,7,8,9,10
40	MHCB-MSK40 - Including No.6,7,8,9,10
50	MHCB-MSK50 - Including No.6,7,8,9,10
63	MHCB-MSK63 - Including No.6,7,8,9,10
80	MHCB-MSK80 - Including No.6,7,8,9,10

MHCB-M



MHCB-MZ



Parts list

No.	Part name	Q'y	No.	Part name	Q'y	No.	Part name	Q'y
1	Rod cover	1	5	Set screw	1	9	Rod packing	1
2	Cylinder tube	1	6	Piston packing	1	10	Cylinder gasket	1
3	Piston	1	7	Piston gasket	1	11	Washer	1
4	Piston rod	1	8	Dust wiper	1	12	Magnet	1

MHCB-M Dimensions $\varnothing 32 \sim \varnothing 80$

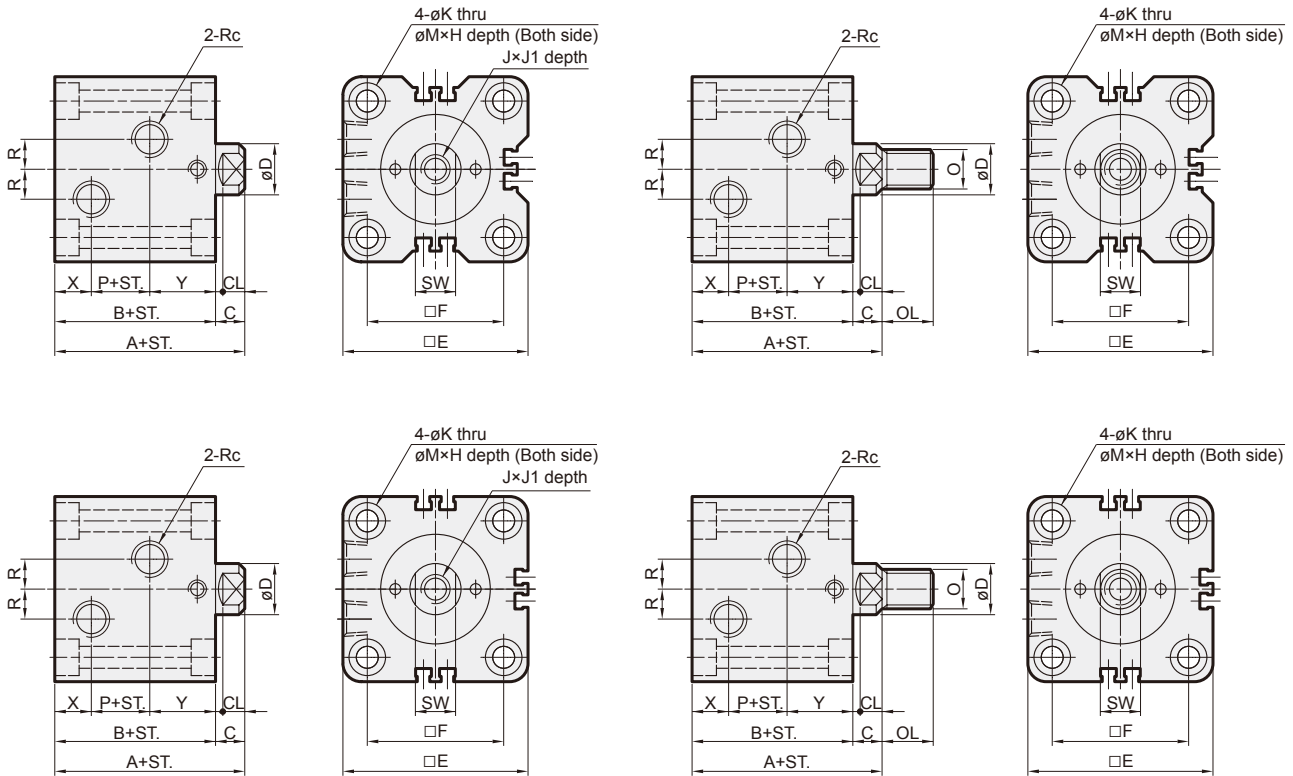


COMPACT HYDRAULIC WITH PISTON SENSING CYLINDER

mindman

MHCB-M

MHCB-MZ



ST.=stroke

Code Tube I.D.	C	CL	D	E	F	H	J	J1	K	M	O	OL	PT	R	SW	X	Y
$\varnothing 32$	10	7	20	62	47	6.5	M12 \times 1.75	15	6.6	11	M16 \times 1.5	25	Rc1/4	10	17	12	28
$\varnothing 40$	10	7	25	70	52	9	M16 \times 2.0	20	9	14	M22 \times 1.5	30	Rc1/4	10	22	12	28
$\varnothing 50$	11	8	30	80	58	11	M20 \times 2.5	25	11	18	M26 \times 1.5	35	Rc1/4	10	27	12.5	29.5
$\varnothing 63$	13	10	35	94	69	13	M27 \times 3.0	35	13	20	M30 \times 1.5	40	Rc3/8	10	32	16	31
$\varnothing 80$	17	14	45	114	86	15	M30 \times 3.5	35	15	22	M39 \times 1.5	45	Rc3/8	15	41	18	33

Tube I.D. (mm)		Stroke									
		5	10	15	20	25	30	35	40	45	50
$\varnothing 32$	A	74	74	84	84	94	94	104	104	114	114
	B	64	64	74	74	84	84	94	94	104	104
	P	24	24	34	34	44	44	54	54	64	64
$\varnothing 40$	A	75	75	85	85	95	95	105	105	115	115
	B	65	65	75	75	85	85	95	95	105	105
	P	25	25	35	35	45	45	55	55	65	65
$\varnothing 50$	A	81	81	91	91	101	101	111	111	121	121
	B	70	70	80	80	90	90	100	100	110	110
	P	28	28	38	38	48	48	58	58	68	68
$\varnothing 63$	A	90	90	100	100	110	110	120	120	130	130
	B	77	77	87	87	97	97	107	107	117	117
	P	30	30	40	40	50	50	60	60	70	70
$\varnothing 80$	A	105	105	115	115	125	125	135	135	145	145
	B	88	88	98	98	108	108	118	118	128	128
	P	37	37	47	47	57	57	67	67	77	77