

Features

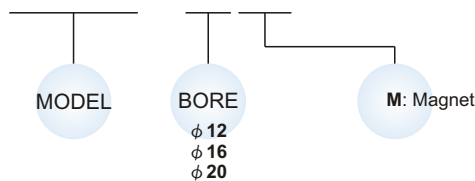
- Compact design, low weight with rugged construction.
- Jaws mounted to wear resistant bush guides.
- Proximity and reed switches can be used with this unit.

Specification

Model	MCHU-12	MCHU-16	MCHU-20
Acting type	Double acting		
Bore (mm)	12	16	20
Stroke	15	20	25
Fluid	Air 0.1~0.7 MPa		
Ambient temperature	- 10~ + 60°C (No freezing)		
Lubrication	Not required		
Repeatability	±0.03 mm		
Gripping force	20~49	39~78	78~118
Sensor switch (※)	RT: Reed switch, RTN: NPN, RTP: PNP		
Weight (kg)	0.16	0.28	0.51

Order example

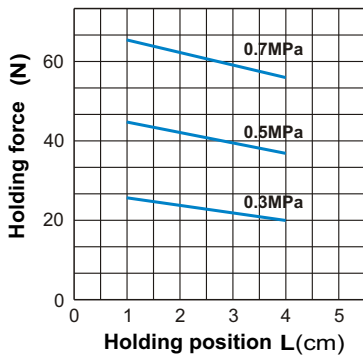
MCHU – 12 M



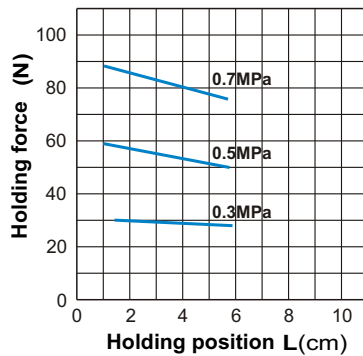
● Maintenance: Re-Lubrication after appr. 1.5 million cycles recommended.

※ RT specification, please refer to page V-18.

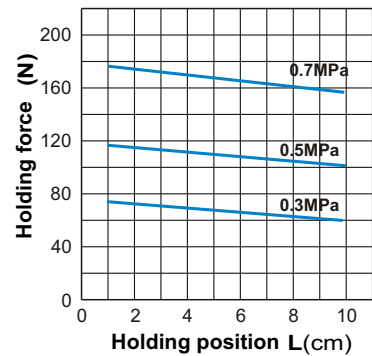
MCHU-12



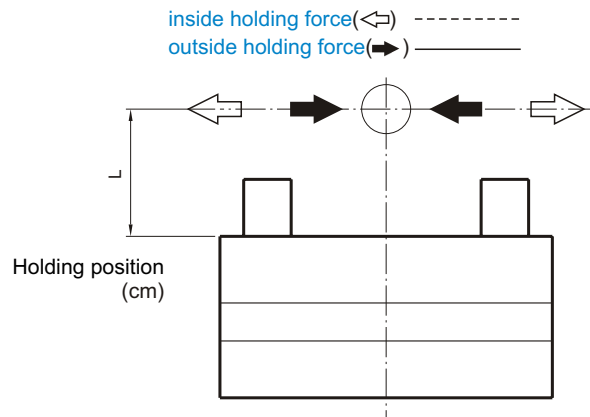
MCHU-16

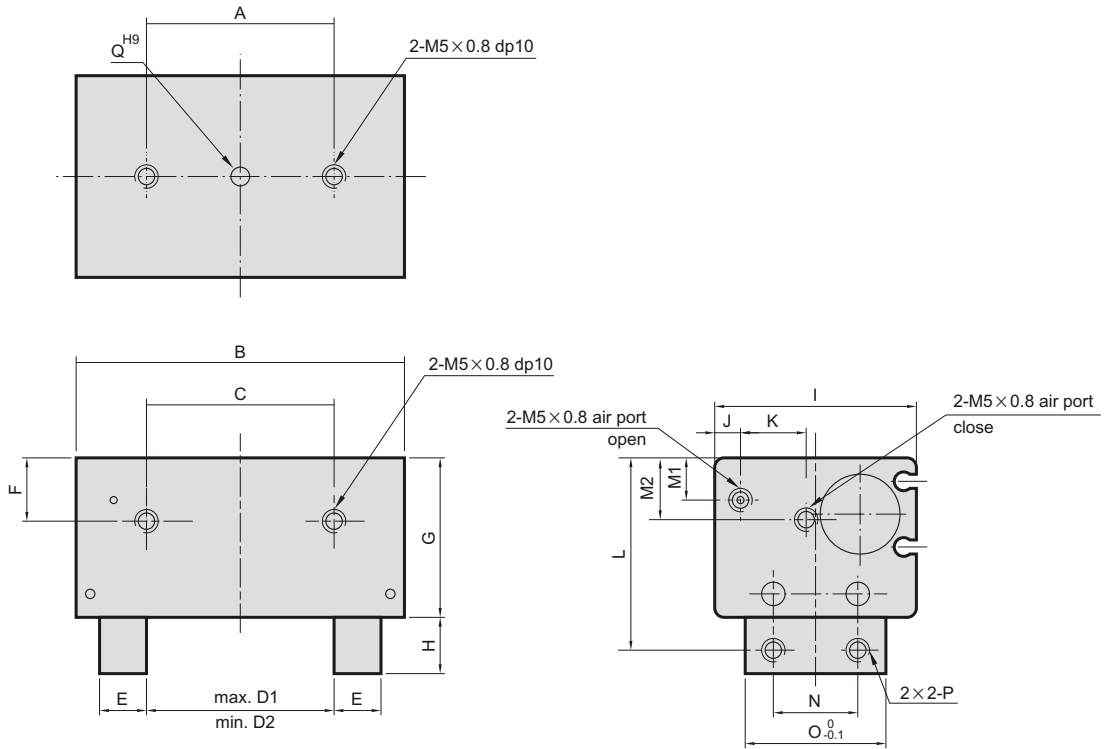


MCHU-20



- With reference to the holding force, under the condition must be considered.
- Condition: friction coefficient, great acceleration impact is expected during work piece rotate.
- It recommend: select a type of arithmetic holding force that can produce 10 to 20 times for work piece weight.





Code Model	A	B	C	D1	D2	E	F	G	H	I	J	K	L	M1	M2	N	O ($\begin{smallmatrix} 0 \\ -0.1 \end{smallmatrix}$)	P	Q ^{H9}
$\phi 12$	30	54	30	30	15	6	12	29	10	38	6	10	35	6.5	9	14	22	M4 × 0.7	$\phi 2^{+0.025}_{-0} \times 2 \text{ dp}$
$\phi 16$	40	70	40	40	20	10	13.5	34	12	43	7	12	41	7	10	18	30	M5 × 0.8	$\phi 3^{+0.025}_{-0} \times 4 \text{ dp}$
$\phi 20$	60	82	60	50	25	10	15	43	22	56	11.5	12.5	59	10	20.5	20	35	M5 × 0.8	$\phi 3^{+0.025}_{-0} \times 6 \text{ dp}$