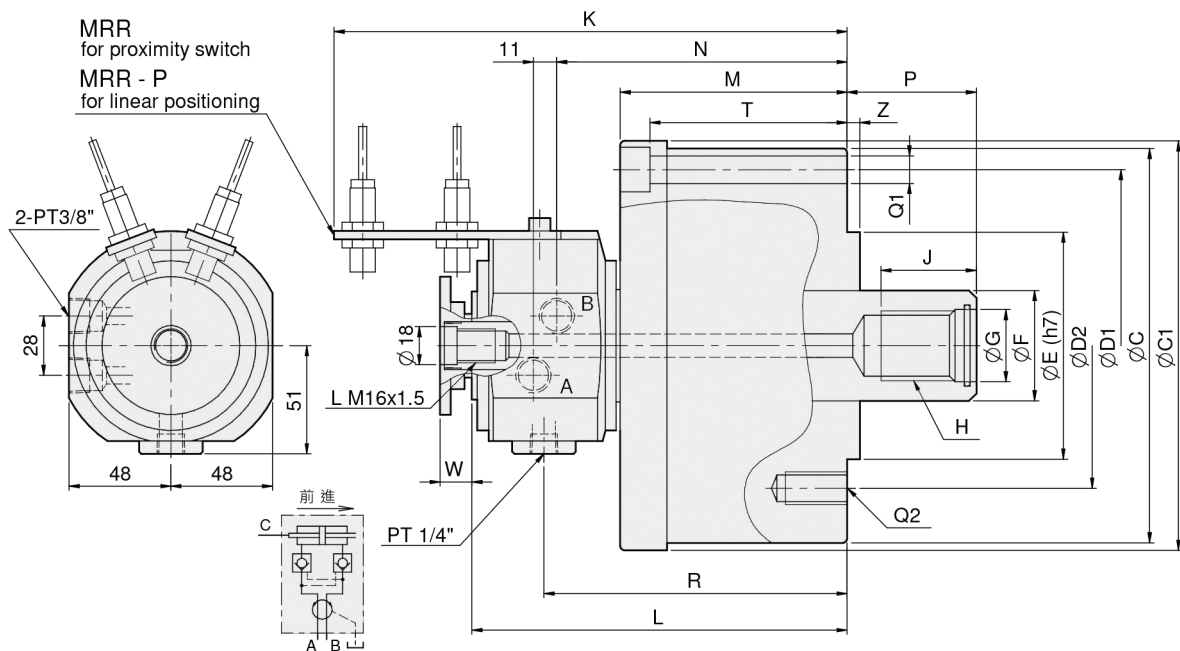


Product schematic

MRR

Short type non through-hole of rotary hydraulic Cylinder (for rotary union)

1. High-speed and lightweight design, suitable for vertical lathes.
2. Check valve and stroke detection frame are included.
3. Can lock in at the back end during installation.
4. Can inject water and gas from the center bore through rotary adaptor.



UNIT : mm

SPEC Model	Piston Dia. (mm)	Piston Area (cm ²) Push Side / Pull Side	Max. Draw Bar Force kN(kgf) Push Side / Pull Side	Piston Stroke (mm)	Max. Operating Pressure MPa(kgf / cm ²)	Max. Speed (r.p.m.)	Moment Of Inertia I (kg · m ²)	Weight (kg)	Total Leakage L/min
MRR12535	125	113 / 107.5	47.3(4823) / 45(4588)	35	4.5(45.9)	6000	0.027	9.8	0.8
MRR15035	150	168.7 / 156.7	71(7240) / 66(6730)	35	4.5(45.9)	5500	0.055	13.5	0.8

DIM Model	C	C1	D1	D2	E (h7)	F	G	H	J	K	L	M	N	P max.	P min.	Q1	Q2	R	T	W max.	W min.	Z
MRR12535	169	171	150	130	110	35	25	M24x3.0	44	229	164	94	124	57	22	6-Ø11	6-M12	130	82	50	15	5
MRR15035	202	204	180	130	110	45	31	M30x3.5	45	230	165	95	125	61	26	6-Ø13	6-M12	131	82	50	15	5