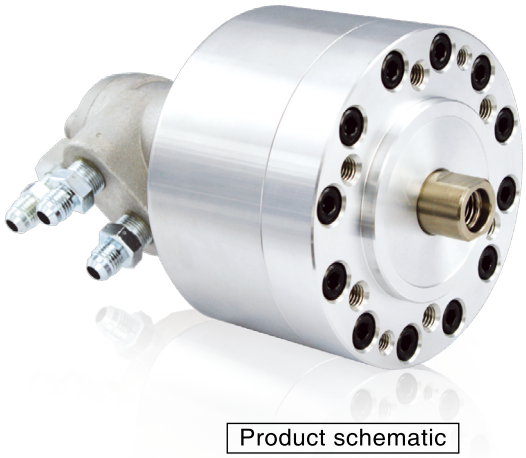
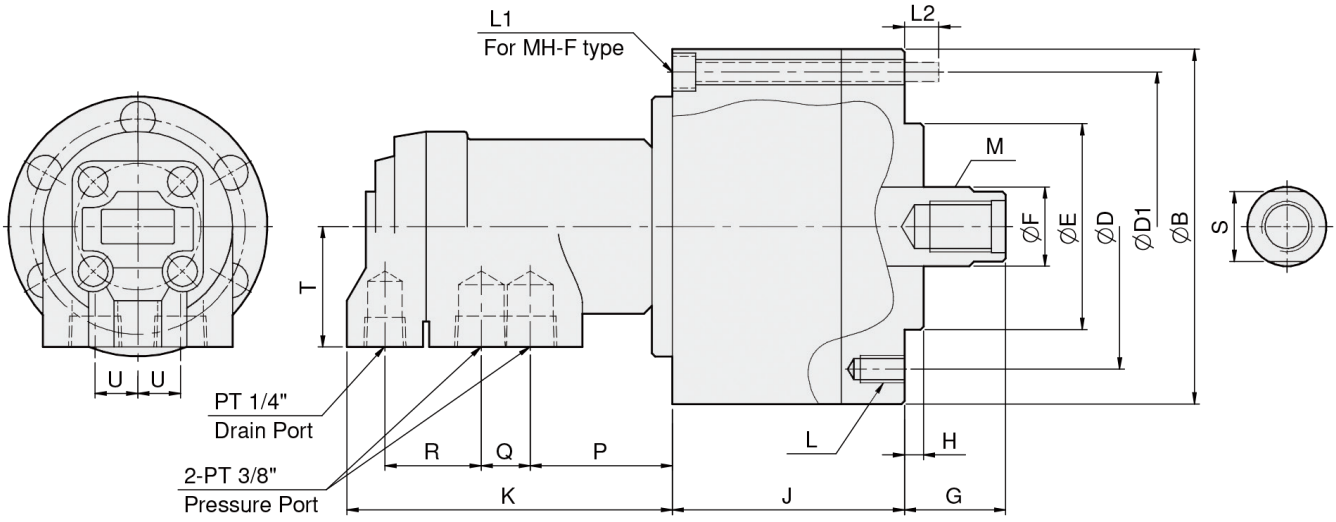


Product schematic

MH-F

Non through-hole rotary hydraulic cylinder

1. Dense substance, low inertia, light shape: this hydraulic cylinder is made of aluminum alloy, which is light design and can reduce the load of machine main shaft.
2. High speed operation: The balance design of this hydraulic cylinder is with light and dense substance, which can maintain the outside shape evenly and stably while operating at high speed.
3. Long life: due to the high quality of oil seal and high precision on surface roughness of parts ensures the long life of this hydraulic cylinder.



UNIT : mm

SPEC Model	Piston Dia. (mm)	Piston Area (cm²) Push Side / Pull Side	Max. Draw Bar Force kN(kgf) Push Side / Pull Side	Piston Stroke (mm)	Max. Operating Pressure MPa(kgf / cm²)	Max. Speed (r.p.m.)	Moment Of Inertia I (kg · m²)	Weight (kg)	Total Leakage L/min
MH80	80	47.7 / 42.8	15.5(1580) / 13.9(1417)	15	3.5(35.7)	6000	0.005	5.1	0.4
MH100F	100	75.4 / 70.5	24.5(2498) / 22.9(2335)	20	3.5(35.7)	5500	0.013	6.7	0.4
MH125F	125	121.1 / 114	39.3(4007) / 37(3773)	25	3.5(35.7)	5500	0.021	8.6	0.4
MH150F	150	176 / 160	66(6730) / 60(6118)	30	4.0(40.8)	4000	0.049	10.8	0.8

DIM Model	B	D	D1	E (h7)	F	G max.	G min.	H	J	K	L	L1	L2	M	P	Q	R	T	U	S
MH80	112	90	—	65	25	45	30	6	73.5	103	6-M8x16	—	—	M16x2.0x32	45	15.5	30.5	38	13.5	22
MH100F	135	100	115	80	25	45	25	6	88.5	103	6-M10x19	6-M8x90	12	M16x2.0x32	45	15.5	30.5	38	13.5	22
MH125F	160	130	140	110	30	51	26	6	95.5	103	6-M12x20	6-M8x100	13	M20x2.5x32	45	15.5	30.5	38	13.5	27
MH150F	190	130	170	110	45	50	20	6	107	103	12-M12x20	8-M10x110	16	M30x3.5x40	45	15.5	30.5	38	13.5	38