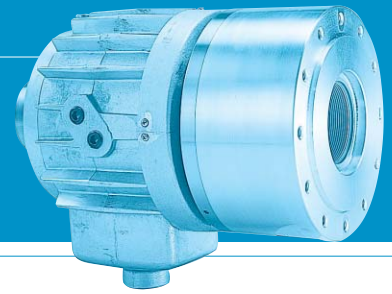
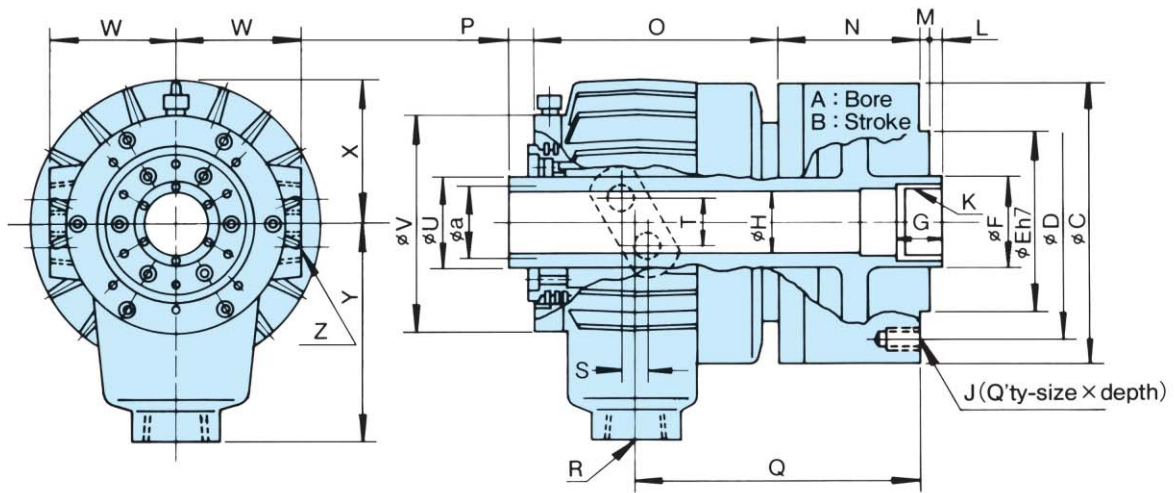


**Point**

Built-in check valves and pressure relief valves



■ Dimensional Drawings



■ Dimensions

Dimensions Model	A	B	C	D	E (h7)	F	G	H	J	K	L max.	L min.	M	N	O	P max.	P min.	Q	R	S	T	U	V	W	X	Y	Z	a
F0933H	95	12	125	100	80	45	25	33.5	6-M 8x15	M 38x1.5	+7	-5	5	71	119	41	29	142	PT 1/4	11.8	22	M39x1.5	104	64	67	110	2x2-PT 1/4	-
F2511H	250	23	310	275	230	140	45	117.5	12-M 16x32	M 130x2.0	+18	-5	6	101	209	38	15	217	PT 1	27	20	134.6	232	125	135.5	215	2x2-PT 3/8	127

■ Specifications

Specifications Model	Thru-Hole mm	Piston stroke mm	Piston Area		Draw bar		Max. Operation Pressure MPa (kgf/cm <sup>2</sup> )	Total leakage l/min	Max. Speed min <sup>-1</sup> (r.p.m)	Net Weight kg	Moment of inertia kg·m <sup>2</sup>
			Push Side (cm <sup>2</sup> )	Pull Side (cm <sup>2</sup> )	Push Side kN(kgf)	Pull Side kN(kgf)					
F0933H	33	12	58	55	22.0 (2243)	20.6 (2100)	4 (40.8)	3.0	8000	8.5	0.31 (0.032)
F2511H	117.5	23	348	336	125.0 (12746)	120 (12236)	4 (40.8)	7.0	2800	60	17.5 (1.78)

\*Total leakage : Pressure 3.0Mpa (30.6kgf/cm<sup>2</sup>) and oil temperature 50°C. \*Draw bar pull force : Pressure 4.0Mpa (40.8kgf/cm<sup>2</sup>)