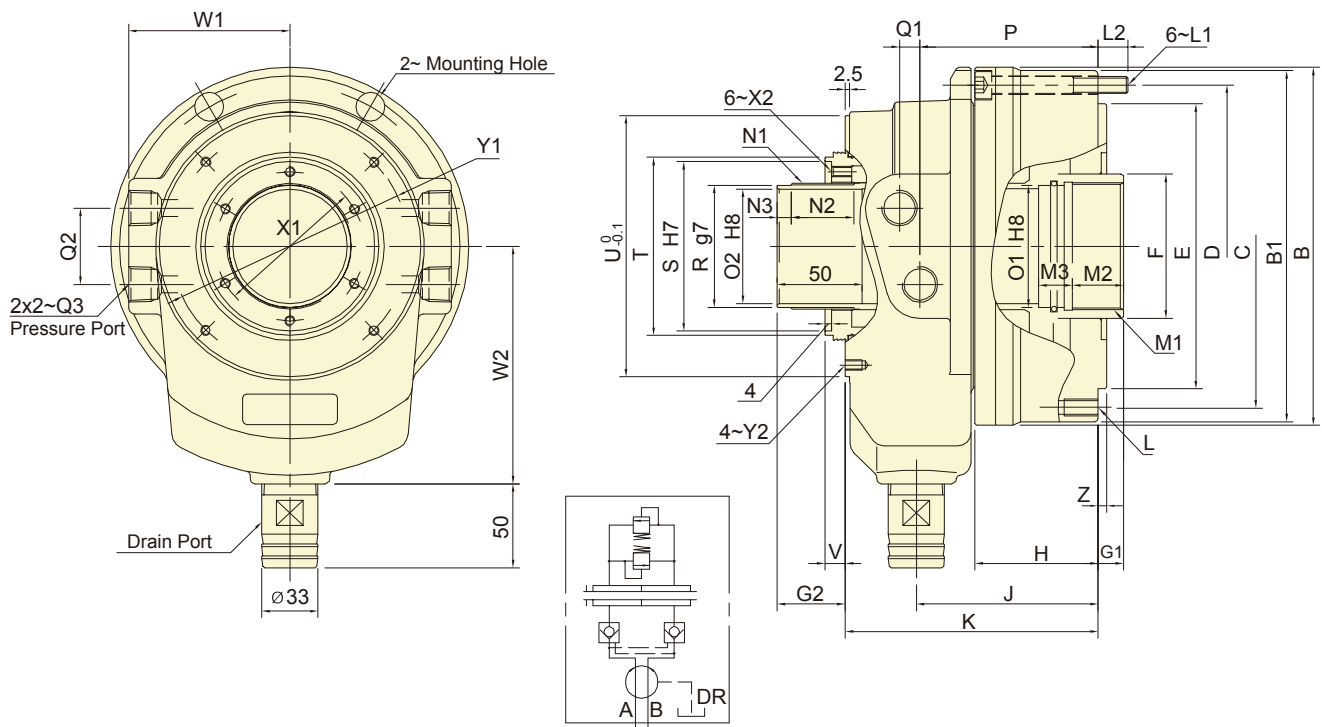


- Bigger bore through-hole design.
- Super short form, light weighted.
- Built-in safety check valves and pressure relief valves.
- Front / Rear end mounting.
- Diameter of coolant collector's drain port is optional.  
Default : Ø33 ; optional : Ø40, Ø60.
- Patent numbers :  
Taiwan : PAT.NO.M491534  
China : PAT.NO.ZL201420584274.5



Subject to technical changes

### SPECIFICATIONS

Model	Eff. piston area		Piston stroke	Max. speed	Max. pressure	I Moment of inertia	Weight	Total oil leakage
	Extend	Retract						
	cm <sup>2</sup>	cm <sup>2</sup>						
TS-539	72.4	67.1	15	8000	4.5(45)	0.012	6.9	3.0
TS-866	168	155.5	25	5600	4.5(45)	0.056	16.3	4.0

### DIMENSIONS

Model	A	B	B1	C	D	E	F	G1		G2		H	J	K	L	L1	L2	M1	M2	M3
	I.D.					h7		max.	min.	max.	min.									
TS-539	107	143	141	125	125	110	52	15	0	42.5	27.5	57	91	124	6~M10x20	M8x60	12	M45x1.5	25	12
TS-866	165	211	207	190	190	168	85	25	0	55	30	72.5	107	149	12~M10x20	M10x80	17.5	M75x2	35	15

Model	N1	N2	N3	O1	O2	P	Q1	Q2	Q3	R	S	T	U	V	W1	W2	X1	X2	Y1	Y2	Z
				(H8)	(H8)					(g7)	(H7)										
TS-539	M44x1.5	26	8	42	39	85	8.5	30	RC1/4	42	69	72	103	10	62.5	100	54	M6x12	90	M5x12	5
TS-866	M74x1.5	37	8	72	66.5	105	12	45	RC1/2	72	100	111	154	12	95	140	88	M6x12	140	M6x10	5