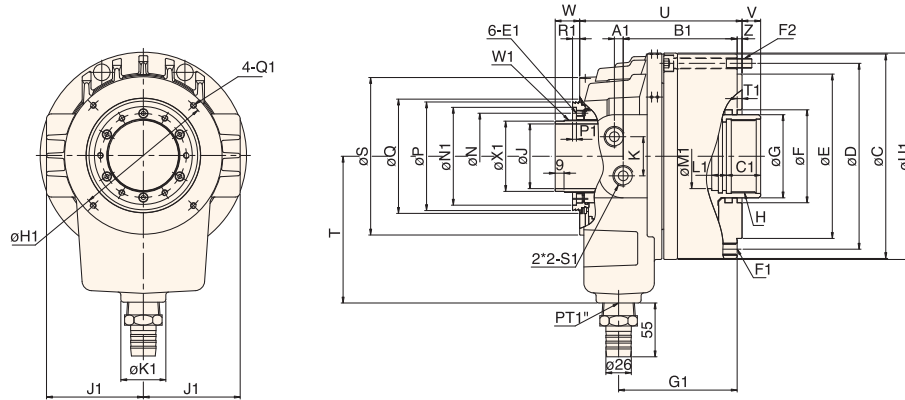




## LARGE THROUGH HOLE SUPER THIN HOLLOW ROTARY HYDRAULIC CYLINDER

**NEW**

### ■ DIMENSIONS



### ■ SPECIFICATIONS

UNIT:mm

MODEL / SPEC.	A1	B1	C	C1	D	E	E1	F	F1	F2	G	G1	H	H1
P1452S	9	105.5	180	30	165	140	M6x1P	85	12-M10x1.5P	6-M8x1.25P	70	110.2	M60x2P	120
P1666S	9	116.5	209	35	190	168	M6x1P	95	12-M12x1.75P	6-M10x1.5P	85	121.2	M75x2P	145
P1881S	10.7	130.5	222	35	205	168	M6x1P	110	12-M12x1.75P	6-M10x1.5P	100	136	M90x2P	166

MODEL / SPEC.	J	J1	K	K1	L1	M1	N	N1	P	P1	Q	Q1	R1	S	S1	T	T1	U
P1452S	52	83	40	46	15	55	73	85	96	4	101.8	M6x1P	7.3	137	PT 1/2	130	4	152
P1666S	66	99	40	46	15	70	88	100	111	4	116.8	M6x1P	7.3	161	PT 1/2	150	5	166
P1881S	81	107.5	40	46	15	85	103	113	126	4	131.8	M6x1P	7.3	176	PT 1/2	175	5	186

MODEL / SPEC.	U1	V max.	V min	W max.	W1	W min	X1	Z	Piston Stroke (mm)	Max.Speed r.p.m.(min <sup>-1</sup> )	Piston Dia (mm)
P1452S	183	17	-3	45	M58x1.5P	25	55.8	5	20	6500	145
P1666S	211	19	-3	47	M74x1.5P	25	71.8	5	22	5600	165
P1881S	226	21	-4	50	M89x2P	25	85.8	5	25	4800	180

MODEL / SPEC.	GD <sup>2</sup> (kgm <sup>2</sup> )	Oil Leakage Rate (l/min)	Max. Pressure kgf/cm <sup>2</sup> (Mpa)	Piston Area (cm <sup>2</sup> )		Max. Operating Force	
				Push Side	Pull Side	Push Side Kgf (KN)	Pull Side Kgf (KN)
P1452S	0.035	3.9	40 (3.9)	135	124	4860 (7.6)	4464 (43.7)
P1666S	0.07	4	40 (3.9)	168	155	6048 (59.3)	5580 (54.7)
P1881S	0.09	4.3	40 (3.9)	189	174	6804 (66.7)	6264 (61.4)