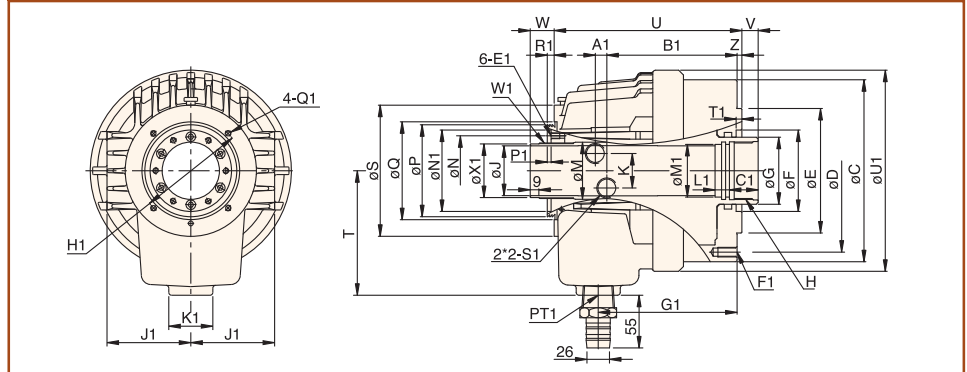


SUPER HIGH SPEED HOLLOW ROTARY HYDRAULIC CYLINDERS



■ DIMENSIONS



Super high speed hollow rotary hydraulic cylinder

1.Compact & Lightweight:

Aluminum-Alloy made outer structure makes the weight lighter than the traditional rotary cylinders; meanwhile, the compactness and miniaturization enhance the stability and lower the burden of machines.

2.Large Thru-hole Diameter:

With large open center, gripping range of Bar stock can be increased.

3.Built-in Check Valve:

With built-in " check valve", work pieces can be effectively prevented from flying out during abrupt failure of pressure.

4.Easy for Heat Dissipation:

The well-designed radiator fins can achieve good performance of Heat Dissipation of Cylinders.

■ SPECIFICATIONS

UNIT:mm

MODEL / SPEC.	A1	B1	C	C1	D	E	E1	F	F1	G	G1	H	H1	J
P1036	11	120	136	25	115	100	M5x0.8P	65	6-M10x1.5P	48	126	M42x1.5P	88	36
P1246	12	126.5	155	30	130	100	M6x1P	80	12-M10x1.5P	65	134	M55x2P	98	46
P1552	12	136	190	30	170	130	M6x1P	85	12-M10x1.5P	70	145	M60x2P	110	52
P1875	17.5	154.5	215	35	190	160	M6x1P	125	12-M10x1.5P	95	162	M85x2P	155	75
P2091	21	168	240	35	215	180	M6x1P	140	12-M12x1.75P	110	183	M100x2P	165	91
P2511	27	191	310	45	275	230	M6x1P	166	12-M16x2P	140	218	M130x2P	206	117.5

MODEL / SPEC.	J1	K	K1	L1	M	M1	N	N1	P	P1	Q	Q1	R1	S	S1	T	T1	U
P1036	68	32	46	15	44.6	38	55	64	73	6	80	M5x0.8P	5	105	PT3/8	115	6	179
P1246	76	36	46	15	52.9	50	64	76	85	4	90	M5x0.8P	6	116	PT1/2	115	6	184
P1552	87.5	36	46	15	59.6	55	73	85	96	4	102	M6x1P	7	135	PT1/2	130	6	196
P1875	101	36	46	15	84.6	80	98	108	121	4	131	M6x1P	7	164	PT1/2	160	4	230
P2091	110	36	46	15	99.6	95	108	120	138	4	147	M6x1P	7	180	PT1/2	185	6	253
P2511	135	40	46	15	134.6	125	148	160	178	5	184	M6x1P	7	230	PT1/2	210	7	304

MODEL / SPEC.	U1	V max.	V min.	W max.	W1	W min.	X1	Z	Piston Stroke (mm)	Max. Speed r.p.m.(min ⁻¹)	GD ² (kg·m ²)	Piston Dia(mm)
P1036	154	10	-5	39	M44x1.5P	24	42	5	15	8000	0.012	105
P1246	172	10	-5	40	M52x1.5P	25	50	5	15	7000	0.019	125
P1552	210	17	-5	47	M58x1.5P	25	56	5	22	6200	0.053	155
P1875	235	20	-5	50	M84x2P	25	81	5	25	4700	0.096	180
P2091	260	25	-5	55	M99x2P	25	96	5	30	3800	0.16	205
P2511	302	24	-6	55	M134x2P	25	130	6	30	2800	0.5	250

MODEL / SPEC.	Oil Leakage Rate (ℓ/min)	Max. Pressure kgf/cm ² (Mpa)	Piston Area (cm ²)		Max. Operating Force		Weight (kg)
			Push Side	Pull Side	Push Side (kgf) (KN)	Pull Side (kgf) (KN)	
P1036	3.0	40 (3.9)	71	68	2500 (24.5)	2400 (23.5)	9.0
P1246	3.0	40 (3.9)	100	89	3700 (36.2)	3200 (31.3)	11.9
P1552	3.9	40 (3.9)	160	150	5800 (57.8)	5500 (53.9)	17.3
P1875	4.2	40 (3.9)	198	183	7200 (70.5)	6700 (65.6)	26.4
P2091	4.5	40 (3.9)	252	234	9200 (90.1)	8600 (84.3)	37.0
P2511	7.0	40 (3.9)	346	334	12400 (121.5)	12000 (117.6)	63.0