

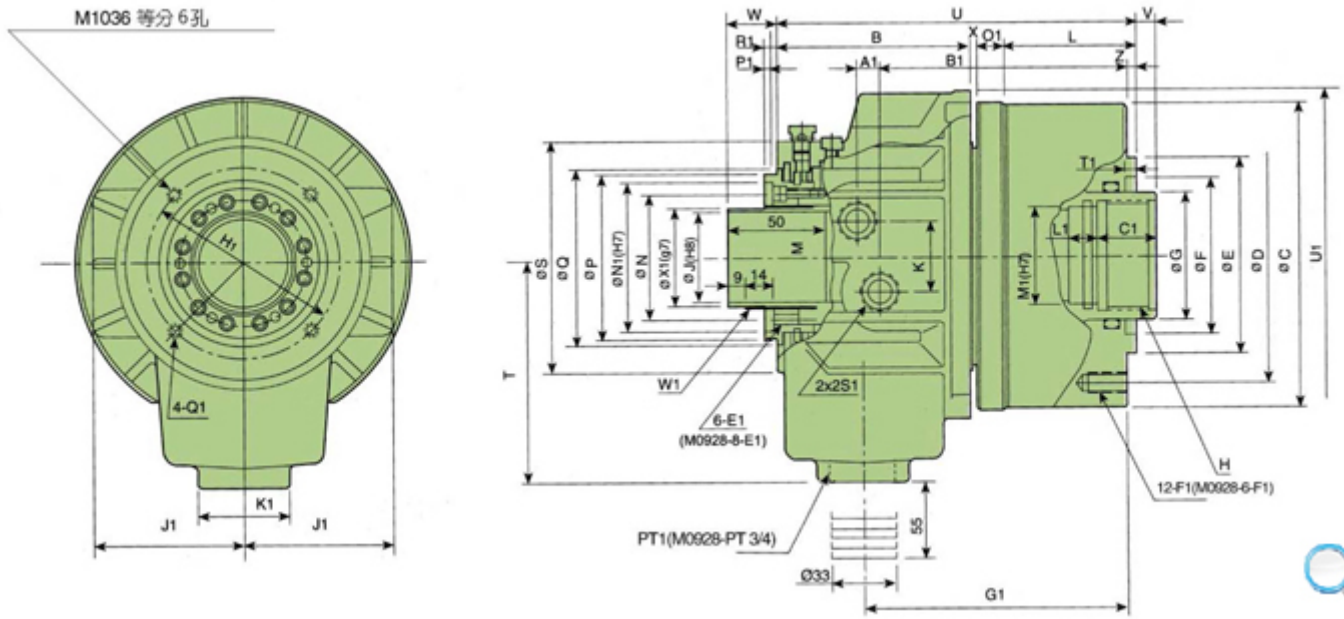
M series



SPECIFICATIONS:

SUPER HIGH SPEED THROUGH HOLEROTARY HYDRAULIC CYLINDER

1. Small-sized light weight: Comparing with the traditional product, it is small-sized (reduced to MAX 95mm) and a light weight (weighted MAX 4.5kg). Make its capacity more stable to reduce the burden of the machinery at high speed turning.
2. The most largest bore: Comparing with the old product, it has about 20% more bore full diameter for utilizing the capacity of machinery.
3. The safety mechsanim: It can retain the gripping force with a check valve.



SPECIFICATIONS:

Model	Dim	Piston Dia (mm)	Piston Area		Piston Stroke (mm)	Mar. Draw Bar Pull Force		Max. Operating Pressure (kg/cm ²)	Max. Speed (r.p.m.)	Moment Inertia I(kg. m ² s)	Weight (kg)	Total Leakage (L/min)
			Push Side(cm ²)	Pull Side(cm ²)		Push Side KN(kgf)	Pull Side KN(kgf)					
M0928		90	53.2	48.3	10	19.9(2029)	18(1835)	40.8	8000	0.006	5.5	3.0
M1036		105	71	68.5	15	24.8(2529)	24(2447)	40.8	8000	0.011	8.6	3.0
M1236		125	100	89	15	38(3875)	33(3365)	40.8	7000	0.019	13.0	3.0
M1246		125	100	89	15	38(3875)	33(3365)	40.8	7000	0.019	12.0	3.0
M1546		155	161	154	22	60(6118)	57.8(5894)	40.8	6200	0.056	18	3.9
M1552		155	161	150	22	60(6118)	56(5710)	40.8	6200	0.052	16.8	3.9
M1868		180	198	197	25	74(7546)	73.5(7495)	40.8	4700	0.098	28.0	4.2
M1870		180	198	183	25	74(7546)	69(7036)	40.8	4700	0.095	26.5	4.2
M1875		180	198	183	25	74(7546)	69(7036)	40.8	4700	0.095	26.0	4.2
M1878		180	198	183	25	74(7546)	69(7036)	40.8	4700	0.095	25.5	4.2
M2085		205	252	234	30	94(9585)	88(8973)	40.8	3800	0.15	37.5	4.5
M2091		205	252	234	30	94(9585)	88(8973)	40.8	3800	0.15	37.0	4.5
M2511		205	348	336	23	124(12644)	120(12236)	40.8	2800	0.45	57	7.0

DIMENSIONS:

Model	C1	E1	F1	G1	H1	J1	K1	L1	MI	N1	O1	P1	Q1	R1	S1	T1	U1	W1	X1	B	C
M0928	25	M6x1.0	M8x1.25	110	76	58	44	15	34	53	14	4	M4x0.7	5	PT 1/4"	5	116	M34X1.5	32	85	120
M1036	25	M5X0.8	M10X1.5	126	88	68	53	15	38	64	14	4	M5X0.8	4	PT 3/8"	6	136	M44X1.5	42	101	136
M1236	25	M6x1.0	M10X1.5	135	98	76	47	15	38	76	14	4	M5X0.8	6	PT 1/2"	6	169	M52X1.5	50	99	154.5
M1246	30	M6x1.0	M10X1.5	135	98	76	47	15	50	76	14	4	M5X0.8	6	PT 1/2"	6	169	M52X1.5	50	99	154.5
M1546	30	M6x1.0	M10X1.5	145	110	86	47	15	50	85	14	4	M6X1.0	7	PT 1/2"	6	187.5	M58X1.5	56	103	190
M1552	30	M6x1.0	M10X1.5	145	110	86	47	15	55	85	14	4	M6X1.0	7	PT 1/2"	6	187.5	M58X1.5	56	103	190
M1868	35	M6x1.0	M10X1.5	166	155	101	47	15	70	108	16	4	M6X1.0	7.5	PT 1/2"	6	220	M84X2	81	126	215
M1870	35	M6x1.0	M10X1.5	166	155	101	47	15	75	108	16	4	M6X1.0	7.5	PT 1/2"	6	220	M84X2	81	126	215
M1875	35	M6x1.0	M10X1.5	166	155	101	47	15	80	108	16	4	M6X1.0	7.5	PT 1/2"	6	220	M84X2	81	126	215
M1878	35	M6x1.0	M10X1.5	166	155	101	47	20	82	108	16	4	M6X1.0	7.5	PT 1/2"	6	220	M84X2	81	126	215

M2085	35	M6x1.0	M12X1.75	182	165	110	47	20	89	120	16	4	M6X1.0	7	PT 1/2"	6	267	M99X2	96	141	240	
M2091	35	M6x1.0	M12X1.75	182	165	110	47	15	95	120	16	4	M6X1.0	7	PT 1/2"	6	267	M99X2	96	141	240	
M2511	45	M6x1.0	M16X2.0	197	206	129	55	20	123	160	18	5	M6X1.0	7	PT 1/2"	6	294		134.6	186	310	
Dim Model	D	E	F	G	H	J	K	L	N	P	Q	S	T	U	V max	V min	W max	W min	X	Z	A1	B1
M0928	100	80	65	44	M38X1.5	28	25	54	44	59	65	90	105	156	9	-1	35	25	3	5	9	108
M1036	115	100	65	48	M42X1.5	36	32	62	54	73	80	104	115	179.5	10	-5	39	24	2.5	5	11	120.5
M1236	130	100	80	65	M42X1.5	36	36	67	64	85	90	118	114	184	10	-5	40	25	4	5	11	126.5
M1246	130	100	80	65	M55X2	46	36	67	64	85	90	118	114	184	10	-5	40	25	4	5	11	126.5
M1546	170	130	85	65	M55X2	46	36	75	73	96	102	137	130	196	17	-5	47	25	4	5	11	136
M1552	170	130	85	70	M60X2	52	36	75	73	96	102	137	130	196	17	-5	47	25	4	5	11	136
M1868	190	160	120	85	M75X2	68	36	84	98	121	131	166	160	230	20	-5	50	25	4	5	17.5	152.5
M1870	190	160	120	95	M78x2	70	36	84	98	121	131	166	160	230	20	-5	50	25	4	5	17.5	152.5
M1875	190	160	120	95	M85X2	75	36	84	98	121	131	166	160	230	20	-5	50	25	4	5	17.5	152.5
M1878	190	160	120	95	M87X2	78	36	84	98	138	131	166	160	230	20	-5	50	25	4	5	17.5	152.5
M2085	215	180	140	110	M93x2	85	36	93	108	138	148	182	185	253	25	-5	55	25	3	5	21	166.5
M2091	215	180	140	110	M100X2	91	36	93	108	138	148	182	185	253	25	-5	55	25	3	5	21	166.5
M2511	215	230	166	140	M130X2	117.5	36	89	148	178		232	215	296	18	-5	38	15	3	6	27	184.5