

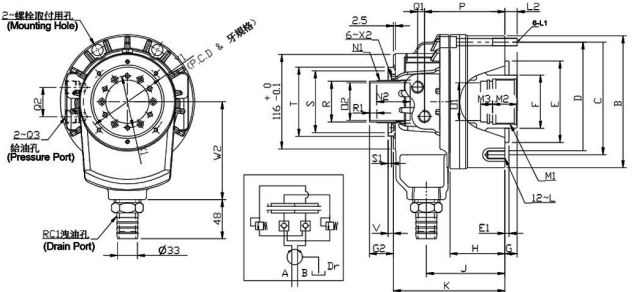
Hydraulic Cylinder

TR Hollow Rotary Cylinder

- High speed, large bore, light weight
- Built-in check valve self-locking structure
- This prevents pressure source failure or damage to the piping section.
- Ensure that the pressure does not drop rapidly and the workpiece can be clamped firmly and continuously.
- Can be fixed at the rear end during installation.



Specification:



Item	Piston Diameter (mm)	Course (mm)	Piston area (cm²)		Maximum lateral force		Using air pressure		Max rotary speed	Inertial distance (l)	N.W (kg)	Total elimination flow
			bet	tensile	physics (kgf)	tensile force (kgf)	MPa	KG				
TR-428	90	10	46.8	50.7	1742 (17.1)	1881 (18.4)	4.0	(40.8)	8000rpm/min	0.013	6.0	3.0
TR-536	105	15	70.8	66.5	2690 (26.3)	2520 (24.6)	4.0	(40.8)	8000rpm/min	0.013	6.9	3.0
TR-646	128	15	105	93	3990 (39.0)	3530 (34.5)	4.0	(40.8)	7000rpm/min	0.019	9.2	3.0
TR-852	145	22	137	127	4922 (48.2)	4558 (44.6)	4.0	(40.8)	6300rpm/min	0.057	12.5	3.9
TR-1291	/	/	234	217.5	/	/	/	/	3800rpm/min	0.092	24.8	4.5

Item	A I.D	B	B1	C	D	E h7	E1	F	G1 max	G1 min	G2 max	G2 min	H	J	K	L	L1	L2	M1	M2	M3	N1	N2	N3
TR-428	90	126	132	100	/	80	5	44	9	-1	34	24	60	91	131.5	12-M8x20	/	/	M33x1.5	25	15	M34x1.5	27	9
TR-536	105	138	143	115	125	100	5	48	15	0	40	25	63.5	99.5	134	12-M10x2	M8x70	15	M42x1.5	25	15	M44x1.5	27	9
TR-646	128	162	165	130	147	100	5	65	15	0	44	29	67.5	97	137.5	12-M10x2	M8x75	15	M55x2.0	30	15	M52x1.5	29	9
TR-852	145	185	184	170	165	130	5	70	21	-1	44	22	68.5	98	138	12-M10x2	M8x75	15	M60x2.0	30	15	M58x1.5	30	9
TR-1291	/	242	/	225	215	180	5	110	30	0	59	29	86	126	200	12-M12x24	/	14.5	M100x2.0	35	15	M99x2.0	38	9

Item	O1 H8	O2 H8	P	Q1	Q2	Q3	R g7	S g7	S1	T	U	V	W1	W2	X1	X2	Y1	RC1
TR-428	30	28	94	8	30	PT 1/4	32	53	4	59	98	5.5	60	109	44	M5x6	88.5 M5x6	1°
TR-536	38	36	95.5	8.5	30	PT 1/4	42	64	4	74	98	6	66	109	55	M5x5	88.5 M5x6	1°
TR-646	50	46	99.5	8.5	36	PT 3/8	52	76	4	85	116	6.5	76.5	120	64	M6x6	98 M5x6	1°
TR-852	55	52	100	8.5	36	PT 3/8	56	85	4	96	128	7	80	130	73	M6x7	98 M6x8	1°
TR-1291	95	91	128	15	45	PT 1/2	96	120	4	138	/	7	/	186	108	/	/	1°