

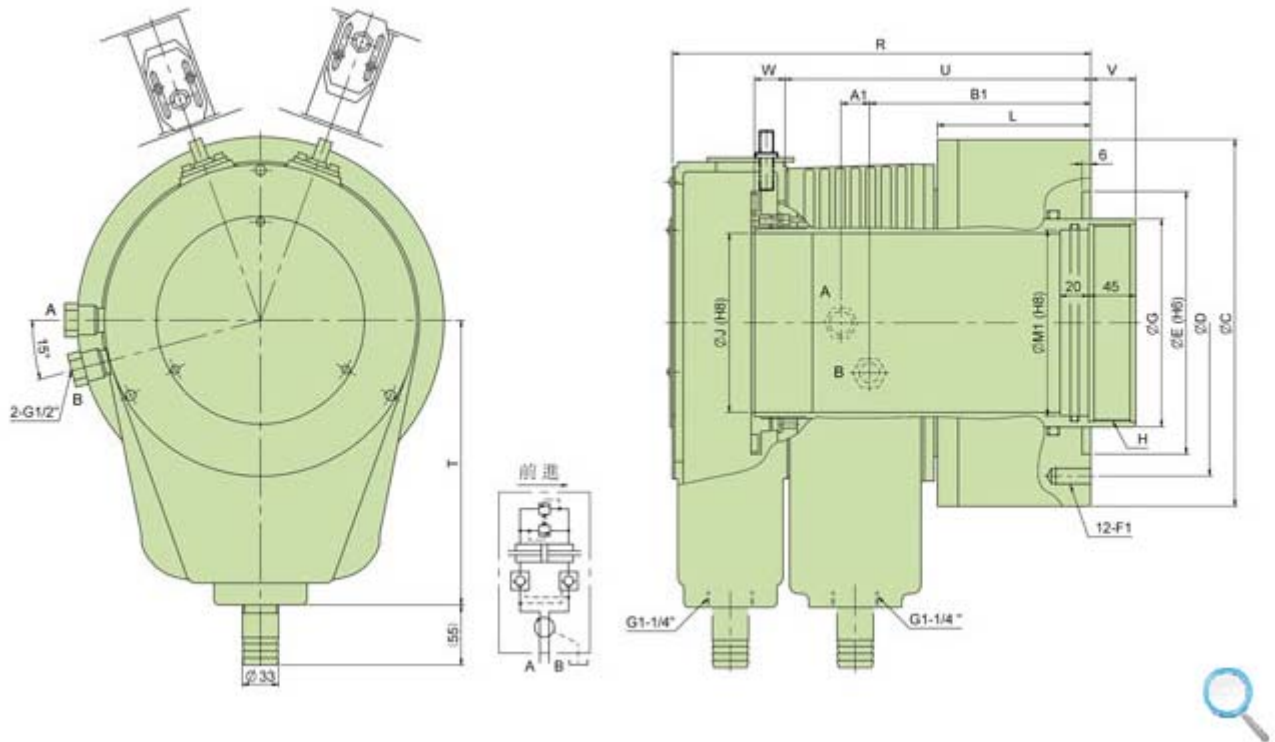
ML-CM.B series



SPECIFICATIONS:

EXTRA LARGE THROUGH HOLE ROTARY HYDRAULIC CYLINDER

1. Matching for large bore power chucks.
2. Special aluminum alloy steel body, light weight for reducing the spindle load.
3. Vales inside to maintain the power of pushing.
4. Extra large bore design, equipped with coolant collector and detective plate.
5. Sensors and mounting bolts are extra order.



SPECIFICATIONS:

Model	Piston Dia (mm)	Piston Area		Piston Stroke	Max. Draw Bar Pull		Max. Operating Pressure (kgf/cm ²)	Max Speed (r.p.m.)	Moment of Inertia I (kg. m ²)	Weight (kg)	Total Leakage (L/min)
		Push Side(cm ²)	Pull Side(cm ²)		Push Side KN(kgf)	Pull Side KN(kgf)					
ML2816 CM28B	285	394	350	42	116.8(11910)	106.8(10584)	3.3(33.6)	2000	0.85	68	9
ML3320 CM33B	335	515.7	416.9	42	152.9(15591)	136.9(13960)	3.3(33.6)	1600	1.09	103	10

DIMENSIONS:

Model	C	D	E	G	H	J	L	R	T	U	V max.	V min.	W max.	W min.	A1	B1	F1	M1
ML2816 CM28B	335	280	240	190	M180x3.0	166.5	140	382	260	279	41	-1	67	25	18	202	M16x32L	170
ML3320 CM33B	390	320	280	230	M215x3.0	205	147	392	260	292	41	-1	67	25	18	210	M20x32L	210