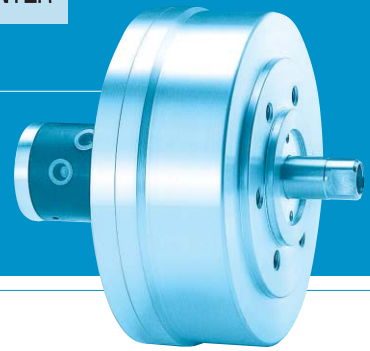


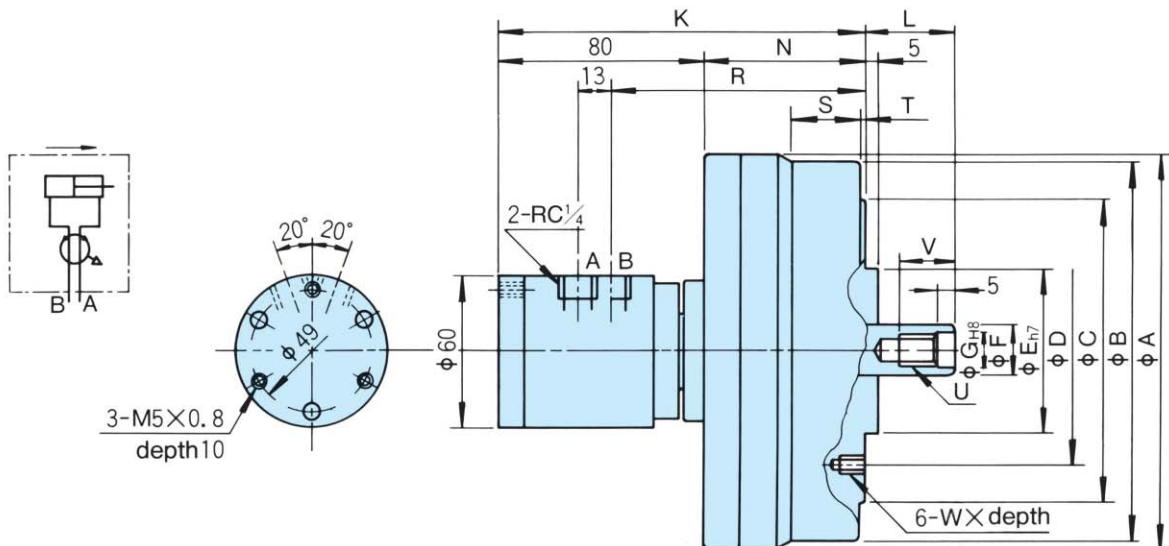
AY-R

Point

Lightweight and compact design
by using alloy



Dimensional Drawings



Dimensions

Dimensions Model	A	B	C	D	E (h7)	F	G (H8)	K	L max.	L min.	N	R	S	T	U	V	W
AY1315R	156	150	120	90	65	20	13	143	35	20	63	99	27	2	M12×1.75	22	M 6×10
AY1720R	200	195	140	100	80	25	17	162	65	45	82	118	45	5	M16×2.0	30	M10×16
AY2225R	255	245	170	130	110	30	21	173	71	46	93	129	33	5	M20×2.5	35	M12×20

Specifications

Specifications Model	Piston stroke mm	Piston Area		Draw bar		Max. Operation Pressure MPa (kgf/cm ²)	Max. Speed min ⁻¹ (r.p.m)	Net Weight kg	Moment of inertia kg·m ²
		Push Side (cm ²)	Pull Side (cm ²)	Push Side kN(kgf)	Pull Side kN(kgf)				
AY1315R	15	131	128	4.9 (500)	4.8 (489)	0.8 (8.2)	5000	5.0	0.010
AY1720R	20	227	220	8.5 (867)	8.2 (836)	0.8 (8.2)	5000	8.2	0.028
AY2225R	25	378	371	14.1 (1438)	13.9 (1417)	0.8 (8.2)	4000	9.8	0.080

※Draw bar pull force : Pressure 0.5Mpa (5.1kgf/cm²) [at efficiency 75%]