

SH Standard Mega-Bore Short-Body Open-Center Hydraulic Cylinder



Application

A high speed, open-center cylinder with a larger bore and lighter than the standard SYH

Technical features

Built-in lock valve to maintain thrust in case of power failure or sudden pressure drop

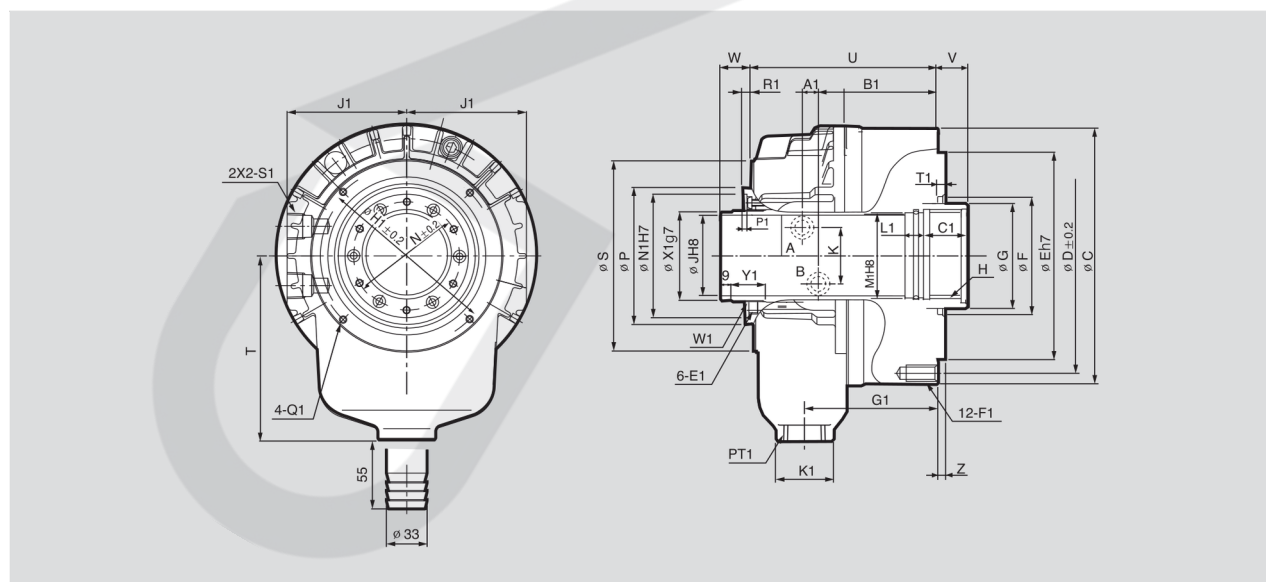
Built-in relief valve prevents overpressure and cylinder damage

SPECIFICATIONS

	Available I.D. [mm]	Piston Dia. [mm]	Piston Stroke [mm]	Piston Surface Area (Push) [cm ²]	Piston Surface Area (Pull) [cm ²]	Piston Force (Push) [kN(kgf)]	Piston Force (Pull) [kN(kgf)]	Max. Operating Pressure [MPa(kgf/cm ²)]	Max. r.p.m. [min-1]	Moment of inertia [kg·m ²]	Weight [kg]	Total Leakage [l/min]
SH-10036	36	105	12	67	64.5	25(2549)	24(2447)	4.0(40.8)	8000	0.044	8.4	3

※ Maximum turning speed is based upon actual measurement.

※ Specifications are subject to change without notice.



DIMENSIONS

	ΦC	ΦD	ΦE	ΦF	ΦG	Hmax.	ΦJ	K	N	ΦP	ΦS	T
SH-10036	135	115	100	80	65	M42x1.5	36	30	55	73	104	115

U	V max.	V min.	W max.	W min.	Z	A1	B1	C1	E1	F1DP'	G1	H1
130	15	3	37	25	5	9	90	25	M5	M10 TAP DP'17	93.5	96

J1	K1	L1	ΦM1	ΦN1	P1	Q1	R1	S1	T1	W1	ΦX1	Y1
73	47	15	38	64	4	M5 TAP DP'7	5	PT 3/8	6	M44x1.5	42	30