

SYH Standard Open-Center Hydraulic Cylinder



Application

Compact and light weight high speed, open-center cylinder

Technical features

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

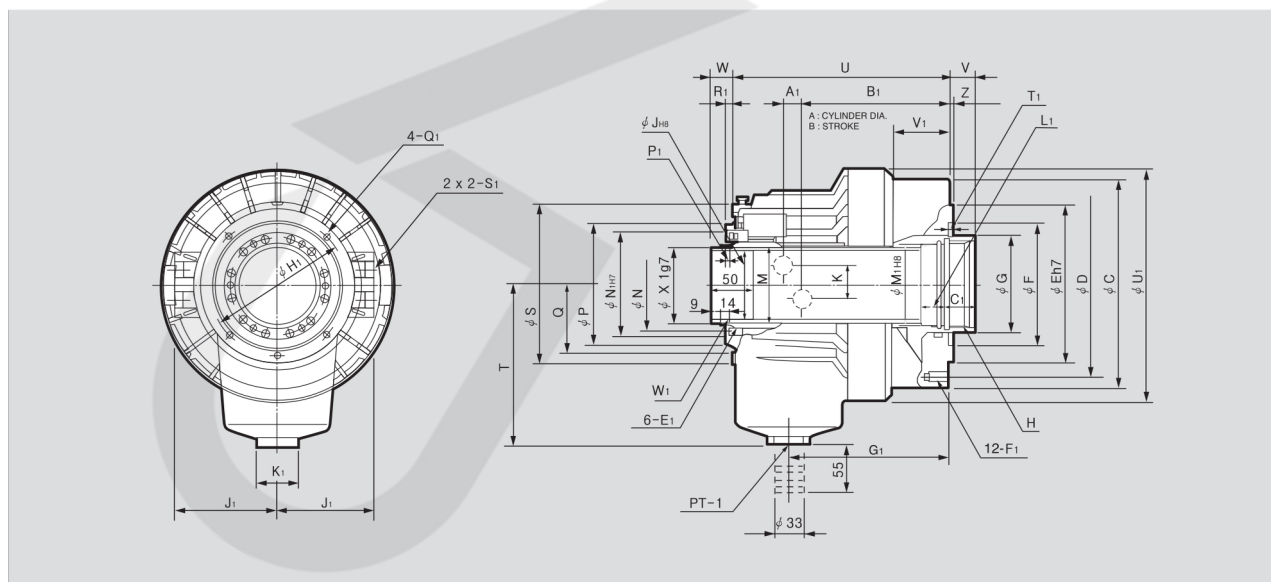
Built-in relief valve prevents overpressure and cylinder damage

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]
SYH-1036	36	105	15	67	64.5	25(2549)	24(2447)	4.0(40.8)	8000	0.011	8.6	3

※ Maximum turning speed is based upon actual measurement.

※ Specifications are subject to change without notice.



DIMENSIONS

	ΦC	ΦD	ΦE	ΦF	ΦG	H max.	ΦJ	K	ΦM	ΦN	ΦP	ΦQ	ΦS
SYH-1036	135	115	100	65	48	M42x1.5	36	30	44.6	55	73	45	104

T	U	V max.	V min.	W max.	W min.	Z	A1	B1	C1	E1	F1	G1	H1
115	156	15	0	40	25	5	11	102.5	25	M5 TAP DP'11	6-M10 TAP DP'17	98	88

J1	K1	L1	M1	ΦN1	P1	Q1	R1	S1	T1	ΦU1	V1	W1	ΦX1
73	47	15	38	64	4	M5 TAP DP'10	5	PT 3/8	6	158	28	M44x1.5	42