

SD-S Mega-Bore Short Body Open-Center Hydraulic Cylinder(Seal Type)

大通孔短体中空液压缸（密封型）



产品特点

低泄漏量，使液压装置发热最小化

主要技术

低泄漏量，使液压缸发热量最小化

结构紧凑，长度短，实现安装空间最小化

中心通孔设计 更好的密封设计，防止液压缸漏油

Application / Customer's Benefit

Low drain, Ultra slim open-center cylinder

Technical features

Low drain minimizes heat

Prohibit leakage of cylinder by sealed function

Ideal for small space of machine and installation into sub spindle.

产品规格 / SPECIFICATIONS

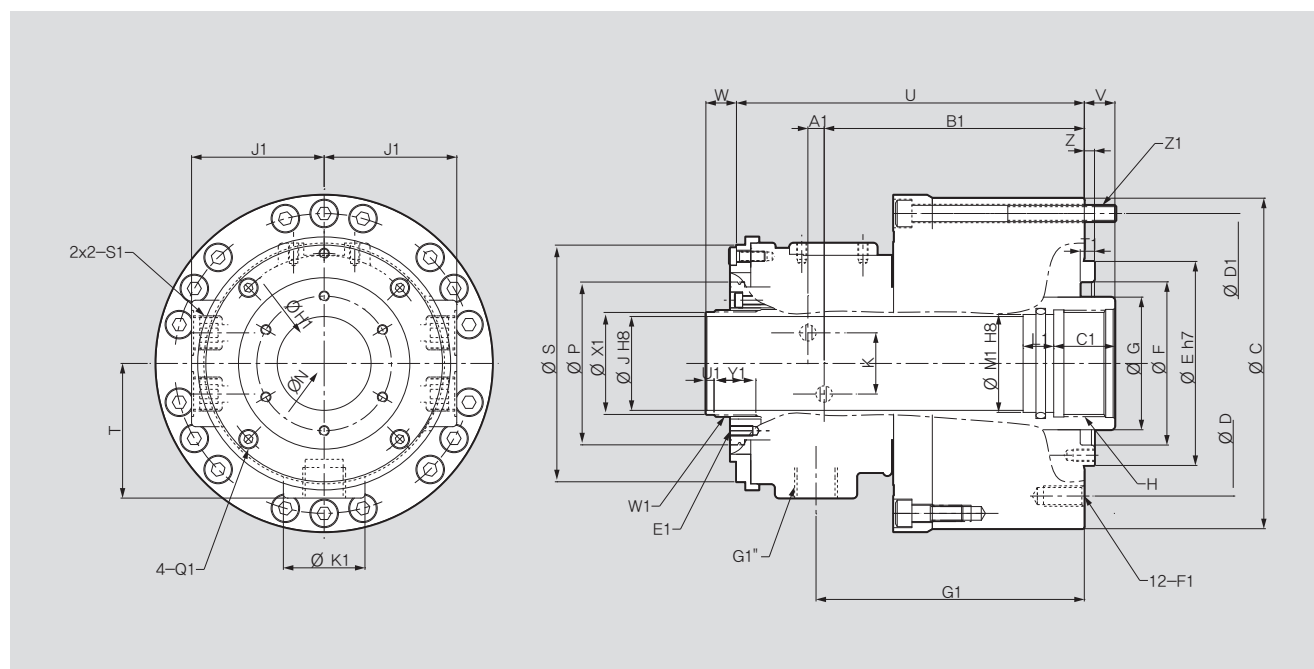
		SD-13546S	SD-18546S	SD-17568S
通径 [mm]	Available I.D.	46	46	68
活塞直径 [mm]	Piston Dia.	132	170	170
活塞行程 [mm]	Piston Stroke	25	30	29
活塞推力 Push [kN(kgf)]	Piston Force (Push)	47(4800)	85(8700)	75(7656)
活塞拉力 Pull [kN(kgf)]	Piston Force (Pull)	44(4500)	80(8200)	70(7050)
最大工作压力 [MPa(kgf/cm ²)]	Max. Operating Pressure	4.5 MPA (45 bar)	4.5 MPA (45 bar)	4.5 MPA (45 bar)
允许的最大最大转速 [min ⁻¹]	Max. r.p.m.	6000	4800	4800
惯性力矩 [N · m ² (kg · m ²)]	Moment of inertia	0.021	0.11	0.07
重量 [kg]	Weight	9	20	18
总泄漏量 [ℓ/min]	Total Leakage	2.5	3	3.2

※ 允许的最大转速以实测值为准。

※ 尺寸与规格可能不事先预告即作变更。

※ Maximum turning speed is based upon actual measurement.

※ Specifications are subject to change without notice.



※ 参照右侧各产品尺寸

※ See the product dimension Table on the right.

产品尺寸 / DIMENSIONS

	SD-13546S	SD-18456S	SD-17568S
C	162	223	207
D	130	190	190
D1	147	205	190
E	100	160	160
F	80	120	120
G	65	65	85
H	M52x2.0p	M55x2.0p	M75x2.0p
J	46	46	68
K	30	30	40
N	66	66	92
P	79.8	79.8	105.8
S	116	116	154
T	66	66	91
U	166	179.5	194
V max	15	29	25
V min	-10	-1	-4
W max	40	45	59
W min	15	15	30
Z	5	5	5
A1	8	8	10
B1	127.5	136.5	138.3
C1	30	30	30
E1	M5	M5	M6
F1DP ¹	M10 DP'20	M10 DP'20	M10DP'20
G1	131.5	140.5	143
H1	105	105	145
J1	65	65	90
K1	40	40	47
L1	15	15	21
M1	48	51	71
Q1	M5 DP'10	M5 DP'10	M6 DP'10
S1	PT1/2	PT1/2	PT1/2
T1	7	7	8
W1	M52x1.5p	M52x1.5p	M74x1.5p
X1	50	50	71.5
Y1	20	20	38
U1	5	5	8
Z1	6-M8x100	6-M10x105	6-M10x100