











Cylinder
Sizing

- SI
- SI A.
- SC / SU
- SCT
- SC A.
- SL
- SQ
- DNT
- SIB
- JDA
- CQ2
- CJ2
- CDU
- TN
- CXS
- MGP
- MSQ

Ordering Code

SI	D	50	x	50	25	LB	MT
Series	Series Code	Bore		Stroke	Adjustable Stroke	Mountings	Sensor
SI: ISO 15552 Standard cylinder 	Blank: Standard double acting D: Double-shaft double acting 	32 40 50 63 80 100 125				Blank: Basic mountings LB: Front and back mounting  FA: Front mounting flange FB: Back mounting flange  CA: Back clevis (Single earring)  CB: Back hinge (Double earring)  YB: Back hinge 	JEL-30R type  * Standard wire is 1 meter, please order for other length

*All SI series standard cylinder are with magnet.

Specification

Bore (mm)	32	40	50	63	80	100	125
Operation	Double Acting						
Working Medium	Air						
Mountings	Basic FA FB CA CB LB YB						
Operating Pressure Range	1 ~ 9.0 Kg/cm ²						
Proof Pressure	13.5 Kg/cm ²						
Operating Temperature Range	0 ~ 70 °C						
Operating Speed Range	50 ~ 800 mm/s						
Cushion	Adjustable Cushion						
Adjustable Cushion Stroke	20 mm			26 mm			
Port Size	G 1/8"	G 1/4"		G 3/8"		G 1/2"	

SI Series

Standard Cylinder (Conforms to ISO15552 Standard)



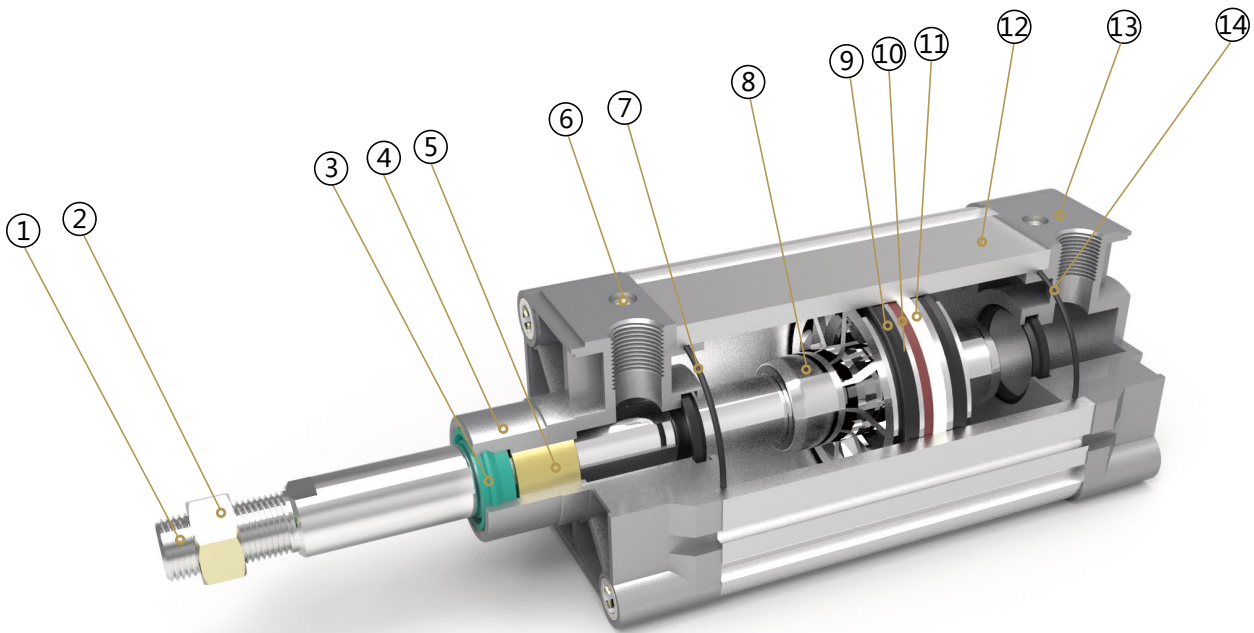
We make the difference

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Stroke

Bore	Standard Stroke	Max. Stroke	Allowable Stroke
32	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500	1000	2000
40	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800	1200	2000
50	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1200	2000
63	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000
80	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000
100	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000
125	25 50 75 80 100 125 150 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000

Internal Structure

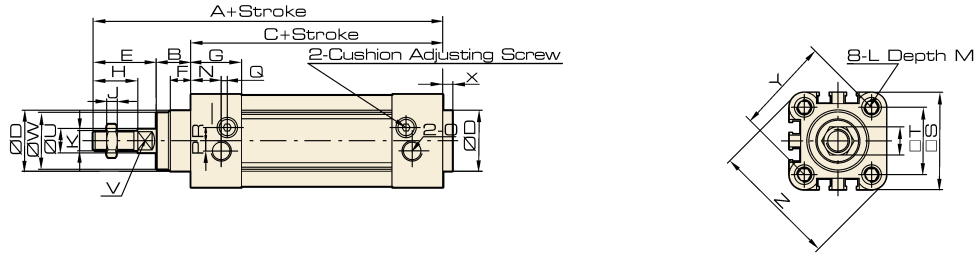


Parts

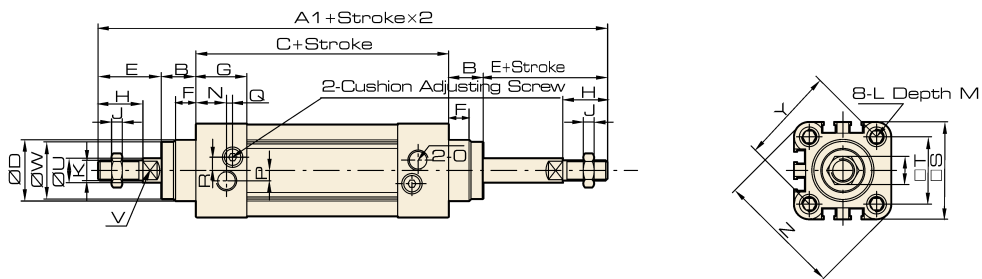
Number	Name	Number	Name
1	Piston rod	8	Piston
2	Hexagon nut	9	Y ring
3	Shaft seal	10	Magnet
4	Front cover	11	Anti-friction ring
5	Copper tube	12	Barrel
6	Cushion adjust screw	13	Back cover
7	Cushion seal	14	O ring

Overall Dimension

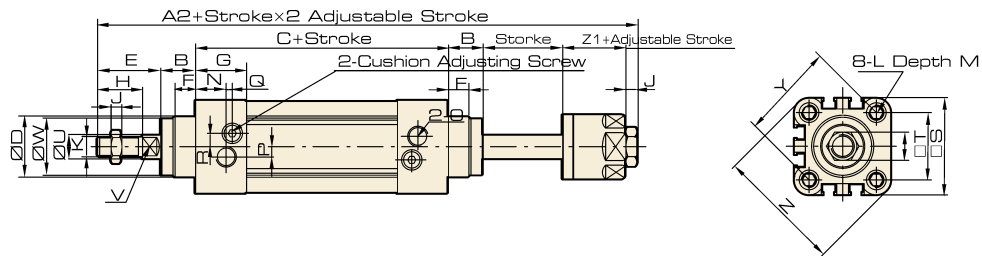
SI



SID



SIJ



Cylinder

Sizing

SI

SI A.

SC / SU

SCT

SC A.

SL

SQ

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Dimension

Bore/ Symbol	A	A1	A2	B	C	D	E	F	G	H	I	J	K	L
32	142	190	185	16	94	30	33	10	25	22	17	6	M10 x 1.25	M6
40	159	213	207	20	105	35	34	10	29.5	24	17	7	M12 x 1.25	M6
50	175	244	233	27	106	40	42.5	10	32	32	23	8	M16 x 1.5	M8
63	190	258	247	26	122	45	42	10	36	32	23	8	M16 x 1.5	M8
80	214	301	288	35	127	45	53	10	37	40	26	10	M20 x 1.5	M10
100	229	321	308	40	137	55	52	10	39	40	26	10	M20 x 1.5	M10
125	277	394	378	46	160	60	71	10	43.5	54	40	10	M27 x 2	M12

Bore/ Symbol	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Z1
32	12	15	G 1/8	5	3	6.5	45	32.5	12	10	28	4	46	58.7	21
40	12	17.5	G 1/4	7	3	7	52	38	16	13	33	4	53.7	68	21
50	12	20	G 1/4	7	3	9	65	46.5	20	17	38	4	65.8	84.5	23
63	12	22	G 3/8	8	5	9	76	56.5	20	17	38	4	79.9	99.6	23
80	15	23	G 3/8	10	5	12	94	72	25	22	43.5	5	101.8	123.8	29
100	15	26	G 1/2	10	5	14	112	89	25	22	47	6	125.9	148.9	29
125	20	29	G 1/2	10	5	14	134	110	32	27	53	7	156.9	179.6	40.5