

SIB Series

Double Acting Booster Cylinder



Features

SIB series booster cylinder is the combination of two ISO1552 standard cylinders which share the same bore size and stroke. Its push and restoring force is two times of the standard cylinder. Two cylinders are linked by the connect base whose material is the same as the cylinder. It is compact in structure and easy for installation.



Ordering Code

SIB	63	x	50	x	50	-	S	-	LB	-	MT
Series Code	Bore		Stroke		Stroke		Magnet		Mountings		Sensor switch
SIB: Double acting booster cylinder	32 40 50 63 80 100 125						S: With magnet Blank: Without magnet		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 length is 1 meter, please specify for other length

Specification

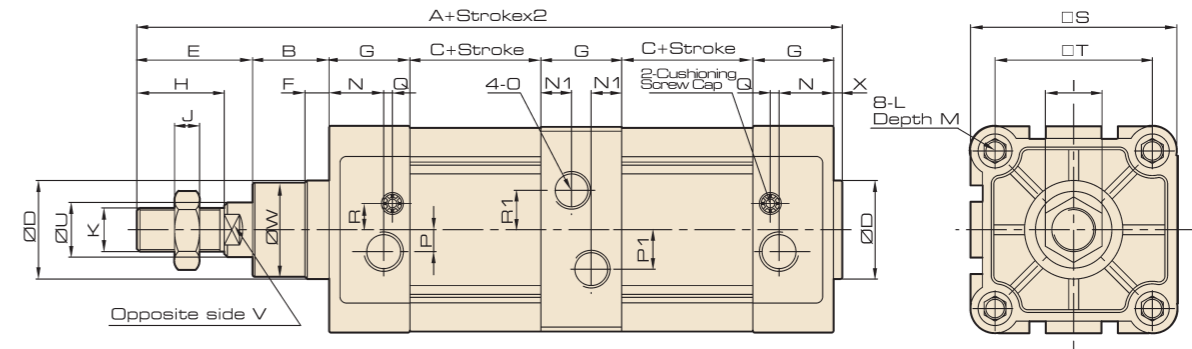
Bore (mm)	32	40	50	63	80	100	125
Operation	Double Acting						
Working Medium	Air						
Mounting	Basic FA FB CA CB LB YB						
Operating Pressure Range	1 ~ 9.0 kgf/cm ²						
Proof Pressure	13.5 kgf/cm ²						
Operating Temperature Range	-20 ~ 80°C						
Operating Speed Range	50 ~ 500 mm/s						
Cushion	Air Cushion						
Adjustable Cushion Stroke	20 mm			26 mm			
Port Size	G1/8"	G1/4"	G3/8"		G1/2"		

ISO9001:2015 CE

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Overall Dimension



Dimension

Model Symbol	A	B	C	D	E	F	G	H	I	J	K	L	M
32	214	16	43	30	33	10	25	22	17	6	M10X1.25	M6	9.5
40	236.5	20	45	35	34	10	29.5	24	17	7	M12X1.25	M6	9.5
50	252	27	41	40	42.5	10	32	32	23	8	M16X1.5	M6	9.5
63	278	26	49	45	42	10	36	32	23	8	M16X1.5	M8	9.5
80	308	35	52	45	53	10	37	40	26	10	M20X1.5	M10	11.5
100	326	40	59	55	52	10	39	40	26	10	M20X1.5	M10	11.5
125	399	46.5	72	60	71	10	43.5	54	40	10	M27X2	M12	15.5

Model Symbol	N	N1	O	P	P1	Q	R	R1	S	T	U	V	W	X
32	15	7.5	G1/8	5	6	3	6.5	6	45	32.5	12	10	28	4
40	17.5	9.5	G1/4	7	7.5	3	7	7.5	52	38	16	13	33	4
50	20	16	G1/4	7	10.5	3	9	10.5	65	46.5	20	17	38	4
63	22	13	G3/8	8	13	5	9	13	76	56.5	20	17	38	4
80	23	14	G3/8	10	18	5	12	18	94	72	25	22	43.5	4
100	26	19.5	G1/2	10	20	5	14	20	112	89	25	22	47	4
125	29	21.75	G1/2	10	30	5	14	30	134	110	32	27	53	6