

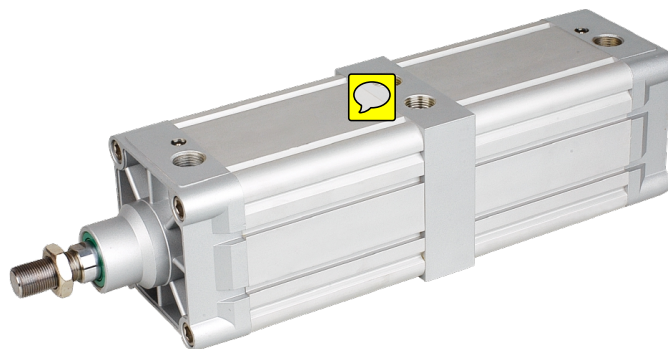
SIB Series

Double Acting Booster Cylinder



Features

SIB series booster cylinder is the combination of two ISO15552 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

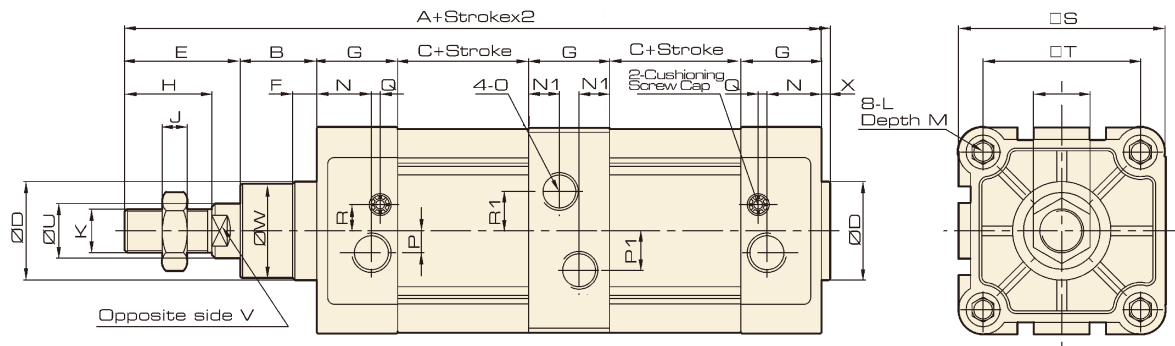
SIB	63	50	S	LB
Series Code	Bore	Stroke	Magnet	Mountings
SIB: Double acting booster cylinder	32 40 50 63 80 100 125		S: With magnet Blank: Without magnet	Blank: Basic mountings LB: Front and back mounting FA: Front mounting flange FB: Back mounting flange CA: Back clevis (Single earring) CB: Back hinge (Double earring) YB: Back hinge

* Sensor model JEL-30, please refer to P173 for the specific ordering code.

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 ~ 9.0kgf/cm ²						
Proof Pressure	13.5kgf/cm ²						
Operating Temperature Range	-20 ~ 80°C						
Operating Speed Range	50 ~ 500 mm/s						
Cushion	Air Cushion						
Adjustable Cushion Stroke	20mm			26mm			
Port Size	G1/8"	G1/4"		G3/8"		G1/2"	

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	339	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

Cylinder

Calculation

SI

SI A.

SIB

SQ

DNT

SC/SU

SCT

SC A.

DN

DSN

DN/DSN A.

MA

MAC

MA/MAC A.

MAL

MALC

MAL/MALC A.

SDA

CQ2

TCQ2

ADN

TADN

PPRM

JHL2

JHF2

JHZ2

JHY2

JHC2

JXH

JXQ

JXS

TN

JGP

JSQB

Sensor