

Made to Order Common Specifications: -XB5: Oversized Rod Cylinder

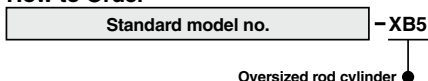


1 Oversized Rod Cylinder

Symbol
-XB5

A cylinder that has been made stronger through the use of a piston rod with a larger diameter. It is used for long stroke applications that pose the risk of bending or buckling of the piston rod.
(Please contact SMC if a lateral load must be applied to it.)

How to Order

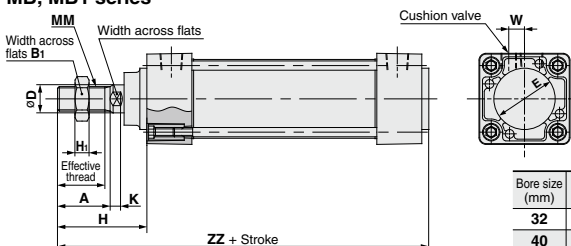


Applicable Series

Series	Description	Model	Action	Vol. no. (for std model)
MB	Air cylinder	MB	Double acting, Single rod	②-1 From P. 392
MB1	Air cylinder	MB1	Double acting, Single rod	②-1 From P. 440
CA2	Air cylinder	CA2	Double acting, Single rod	②-1 From P. 470
CS1	Air cylinder	CS1	Double acting, Single rod	②-1 From P. 530

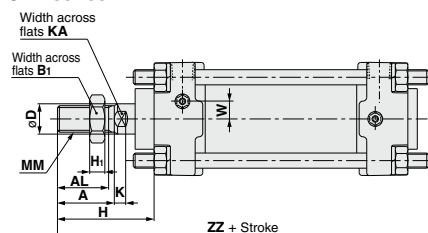
Dimensions (Dimensions other than below are the same as standard type.)

MB, MB1 series



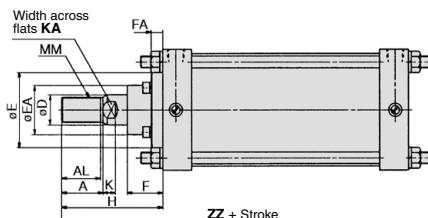
Bore size (mm)	A	Effective thread length	B1	øD	H	H1	K	Width across flats	MM	W	ZZ
32	30	27	22	16	51	8	6	14	M14 x 1.5	7.2	139
40	35	32	27	20	58	11	7	18	M18 x 1.5	9.7	146
50	40	37	32	25	68	13	10	22	M22 x 1.5	10.5	166
63	40	37	32	25	68	13	10	22	M22 x 1.5	12	166
80	40	37	41	30	74	16	10	26	M26 x 1.5	14	192
100	50	47	46	36	90	18	16	31	M30 x 1.5	15	208

CA2 series



Bore size (mm)	A	AL	B1	øD	H	H1	K	KA	MM	W	ZZ
40	35	32	27	20	58	11	7	18	M18 x 1.5	9	153
50	40	37	32	25	71	13	11	22	M22 x 1.5	9	172
63	40	37	32	25	71	13	11	22	M22 x 1.5	9	183
80	40	37	41	30	72	16	11	26	M26 x 1.5	0	205
100	50	47	46	36	85	18	15	31	M30 x 1.5	0	228

CS1 series



Bore size (mm)	A	AL	D	E	EA	F	FA	H	K	KA	MM	ZZ
125	63	60	50	115	74	48	17	135	20	46	M45 x 1.5	260
140	71	67	60	140	86	60	20	160	25	56	M56 x 2.0	285
160	71	67	60	140	86	60	20	160	25	56	M56 x 2.0	296.5
180	80	76	70	140	96	60	20	175	30	65	M64 x 2.0	325
200	80	76	70	140	96	60	20	175	30	65	M64 x 2.0	325