

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

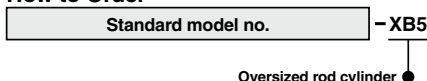


## 1 Oversized Rod Cylinder

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

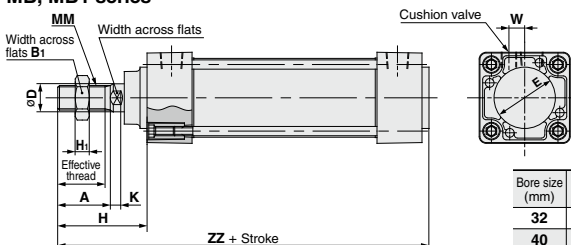


### Applicable Series

Series	Description	Model	Action	Vol. no. (for std model)
MB	Air cylinder	MB	Double acting, Single rod	Web Catalog
MB1	Air cylinder	MB1	Double acting, Single rod	
CA2	Air cylinder	CA2	Double acting, Single rod	
CS1	Air cylinder	CS1	Double acting, Single rod	

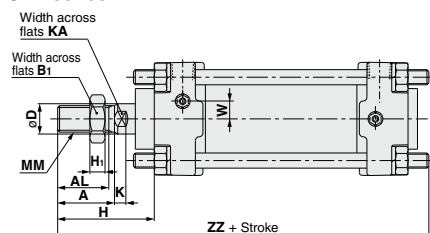
### Dimensions (Dimensions other than below are the same as standard type.)

#### MB, MB1 series



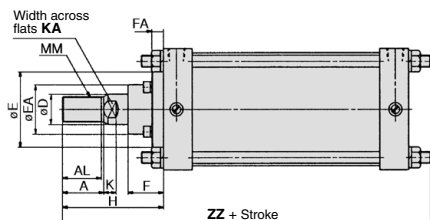
Bore size (mm)	A	Effective thread length	B1	øD	H	H1	K	Width across flats	MM	W	ZZ
32	30	27	22	16	51	8	6	14	M14 x 1.5	7.2	139
40	35	32	27	20	58	11	7	18	M18 x 1.5	9.7	146
50	40	37	32	25	68	13	10	22	M22 x 1.5	10.5	166
63	40	37	32	25	68	13	10	22	M22 x 1.5	12	166
80	40	37	41	30	74	16	10	26	M26 x 1.5	14	192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