



Model No	Bolt Size	
	S <sub>1</sub>	S <sub>2</sub>
MSB 15	M5	M4
MSB 20	M6	M5
MSB 25	M8	M6
MSB 30	M10	M8

### Dimensions of MSB-TE / MSB-E

Unit: mm

Model No	External Dimensions					Carriage Dimensions										
	Width W	Height H	Length L	W <sub>2</sub>	H <sub>2</sub>	B	C	Sxℓ	L <sub>1</sub>	T	T <sub>1</sub>	N	G	K	d <sub>1</sub>	Grease Nipple
MSB 15 TE MSB 15 E	52	24	40 57	18.5	4.5	41	- 26	M5x7	23.5 40.5	5	7	5.5	5.5	5.1	3.3	G-M4
MSB 20 TE MSB 20 E	59	28	48 67	19.5	6	49	- 32	M6x9	29 48	5	9	5.5	12	5.9	3.3	G-M6
MSB 25 TE MSB 25 E	73	33	60.2 82	25	7	60	- 35	M8x10	38.7 60.5	7	10	6	12	6.3	3.3	G-M6
MSB 30 TE MSB 30 E	90	42	68 96.7	31	9.5	72	- 40	M10x10	43.3 72	7	10	8	12	6.3	3.3	G-M6

Model No	Rail Dimensions					Basic Load Rating		Static Movement Rating			Weight	
	Width W <sub>1</sub>	Height H <sub>1</sub>	Pitch P	E std.	D x h x d	Dynamic C kN	Static C <sub>0</sub> kN	M <sub>p</sub> kN-m	M <sub>y</sub> kN-m	M <sub>R</sub> kN-m	Carriage kg	Rail kg/m
MSB 15 TE MSB 15 E	15	12.5	60	20	*6x4.5x3.5 (7.5x5.3x4.5)	6.7 10.0	9.6 16.9	0.04 0.10	0.04 0.10	0.07 0.13	0.12 0.21	1.2
MSB 20 TE MSB 20 E	20	15	60	20	9.5x8.5x6	9.7 13.9	14.2 23.6	0.07 0.18	0.07 0.18	0.14 0.24	0.20 0.34	2
MSB 25 TE MSB 25 E	23	18	60	20	11x9x7	15.6 22.3	22.1 36.9	0.13 0.35	0.13 0.35	0.26 0.43	0.39 0.60	3
MSB 30 TE MSB 30 E	28	23	80	20	11x9x7	23.1 32.9	31.8 53.1	0.23 0.60	0.23 0.60	0.45 0.74	0.65 1.08	4.4

\*Rail mounting holes for M3 (6x4.5x3.5) and M4 (7.5x5.3x4.5) are available for MSB 15 rail. The codes of a rail type are:

**MSB15R** for M3 mounting holes

**MSB15U** for M4 mounting holes