



## Dimensions of MSB-TS / MSB-S / MSB-LS

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	N	G	K	d <sub>1</sub>	Grease Nipple
MSB 15 TS	34	24	40	9.5	4.5	26	-	M4x6	23.5	6	5.5	5.5	5.1	3.3	G-M4
MSB 15 S			57				26		40.5						
MSB 20 TS	42	28	48	11	6	32	-	M5x7	29	6	5.5	12	5.9	3.3	G-M6
MSB 20 S			67				32		48						
MSB 25 TS	48	33	60.2	12.5	7	35	-	M6x9	38.7	8	6	12	6.3	3.3	G-M6
MSB 25 S			82				35		60.5						
MSB 30 TS	60	42	68	16	9.5	40	-	M8x12	43.3	8	8	12	6.3	3.3	G-M6
MSB 30 S			96.7				40		72						
MSB 35 S	70	48	112	18	9.5	50	50	M8x12	80	12.5	8.5	11.5	9.8	3.3	G-M6
MSB 35 LS			137.5				72		105.5						

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	Rail kg/m	Carriage kg
MSB 15 TS	15	12.5	60	20	*6x4.5x3.5	6.7	9.6	0.04	0.04	0.07		
MSB 15 S					(7.5x5.3x4.5)	10.0	16.9	0.10	0.10	0.13	1.2	0.16
MSB 20 TS	20	15	60	20	9.5x8.5x6	9.7	14.2	0.07	0.07	0.14	2	0.16
MSB 20 S						13.9	23.6	0.18	0.18	0.24		0.26
MSB 25 TS	23	18	60	20	11x9x7	15.6	22.1	0.13	0.13	0.26	3	0.29
MSB 25 S						22.3	36.9	0.35	0.35	0.43		0.45
MSB 30 TS	28	23	80	20	11x9x7	23.1	31.8	0.23	0.23	0.45	4.4	0.52
MSB 30 S						32.9	53.1	0.60	0.60	0.74		0.86
MSB 35 S	34	27.5	80	20	14x12x9	52.0	75.5	0.93	0.93	1.28	6.2	1.13
MSB 35 LS						63.6	100.6	1.60	1.60	1.71		1.49

\*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