



Note: The basic dynamic load rating C of ball type is based on the 50 km for nominal life.

The conversion between C for 50 km and C<sub>100</sub> for 100 km is C=1.26 x C<sub>100</sub>.

Note\*: Single: Single carriage/ Double: Double carriages closely contacting with each other.

Model No.	External dimension							Carriage dimension				Unit:mm
	Height H	Width W	Length L	W <sub>2</sub>	H <sub>2</sub>	B	C	S x l	L <sub>1</sub>	T	G	
MSC 7M MSC 7LM	8	17	23.6 33.0	5	1.5	12	8 13	M2 x 2.5	13.5 22.9	6.5	Ø 0.8	
MSC 9M MSC 9LM	10	20	31.1 41.3	5.5	2.2	15	10 16	M3 x 3	19.9 30.1	7.8	Ø 1	
MSC 12M MSC 12LM	13	27	34.6 47.5	7.5	3	20	15 20	M3 x 3.6	20.5 33.4	10	Ø 1.5	
MSC 15M MSC 15LM	16	32	43.5 60.6	8.5	4	25	20 25	M3 x 4.2	26.9 44	12	G-M3	

  

Model No.	Rail dimension					Basic load rating		Static moment 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 Co kN	M <sub>p</sub> N-m		M <sub>y</sub> N-m		M <sub>R</sub> N-m	Carriage g	Rail kg/m
								Single*	Double*	Single*	Double*			
MSC 7M MSC 7LM	7 <sup>0</sup> -0.05	4.7	15	5	4.2 x 2.3 x 2.4	0.94 1.36	1.28 2.24	2.6 7.4	15.33 37.92	2.6 7.4	15.33 37.92	4.7 8.3	7 13	0.22
MSC 9M MSC 9LM	9 <sup>0</sup> -0.05	5.5	20	7.5	6 x 3.3 x 3.5	1.71 2.52	2.24 3.92	6.1 17.4	33.46 84.63	6.1 17.4	33.46 84.63	10.8 18.8	15 24	0.33
MSC 12M MSC 12LM	12 <sup>0</sup> -0.05	7.5	25	10	6 x 4.5 x 3.5	2.62 3.77	3.52 5.72	11.4 28.3	63.96 141.52	11.4 28.3	63.96 141.52	22.2 36.0	40 60	0.63
MSC 15M MSC 15LM	15 <sup>0</sup> -0.05	9.5	40	15	6 x 4.5 x 3.5	4.52 6.47	5.70 9.26	24.7 61.0	132.17 295.87	24.7 61.0	132.17 295.87	44.4 72.2	71 100	1.02