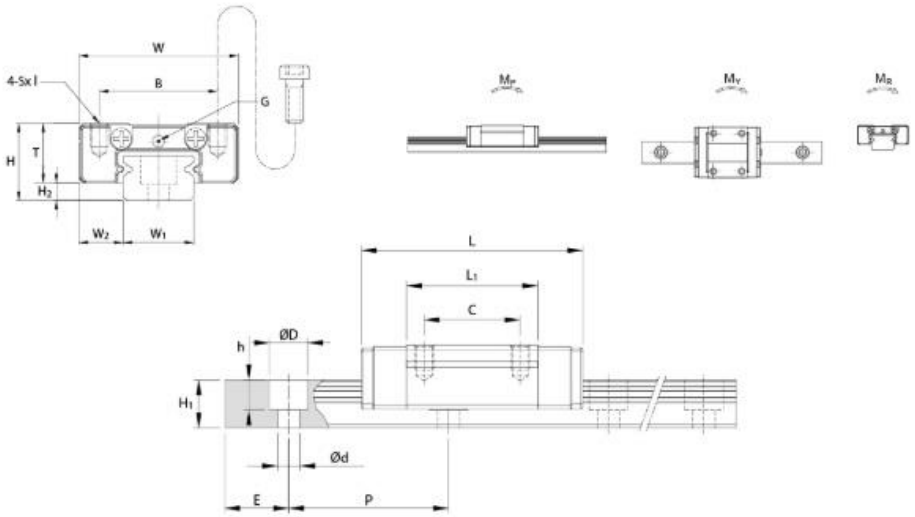
MSC M/LM



Note: The basic dynamic load rating C of ball type is based on the 50 km for nomonal life.
The conversion between C for 50 km and C_{100} for 100 km is C=1.26 x C_{100}.

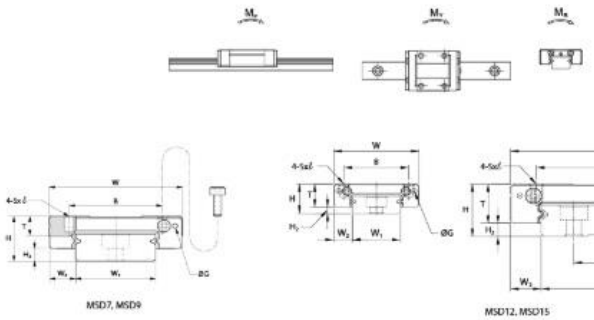
Note*: Single: Single carriage/ Double: Double carriages closely contacting with each other.

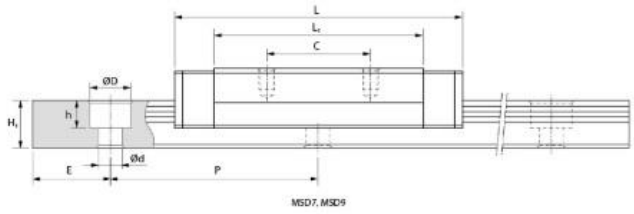
Unit:mm

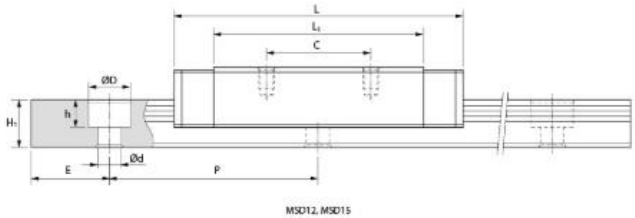
Model No.	External dimension					Carriage dimension					
	Height H	Width W	Length L	W_2	H_2	B	C	S × ℓ	L_1	T	G
MSC 7M MSC 7LM	8	17	23.6 33.0	5	1.5	12	8 13	M2 × 2.5	13.5 22.9	6.5	Ø 0.8
MSC 9M MSC 9LM	10	20	31.1 41.3	5.5	2.2	15	10 16	M3 × 3	19.9 30.1	7.8	Ø 1
MSC 12M MSC 12LM	13	27	34.6 47.5	7.5	3	20	15 20	M3 × 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 × 4.2	26.9 44	12	G-M3

Model No.	Rail dimension						Basic load rating		Static moment rating					Weight	
	Width W_1		Height H_1	Pitch P	E std.	D × h × d	Dynamic C kN	Static Co kN	M_P N-m		M_Y N-m		M_R N-m	Carriage g	Rail kg/m
									Single*	Double*	Single*	Double*			
MSC 7M MSC 7LM	7	0 -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	0 -0.05	5.5	20	7.5	6 x 3.3 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	0 -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	0 -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

MSD M/LM







Note: The basic dynamic load rating C of ball type is based on the 50 km for nomonal life.
The conversion between C for 50 km and C_{100} for 100 km is $C=1.26 \times C_{100}$.

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

Unit:mm

Model No.	External dimension					Carriage dimension					
	Height H	Width W	Length L	W_2	H_2	B	C	S×ℓ	L_1	T	G
MSD 7M MSD 7LM	9	25	30.8 40.5	5.5	2	19	10 19	M3 × 3	20.6 30.3	3.9	Ø 1.5
MSD 9M MSD 9LM	12	30	38.7 50.7	6	3.7	21 23	12 24	M3 × 3	27.1 39.1	5	Ø 1.5
MSD 12M MSD 12LM	14	40	44.5 60	8	4	28	15 28	M3 × 4	31.0 46.5	10 10	Ø 1.5
MSD 15M MSD 15LM	16	60	55.5 74.5	9	4	45	20 35	M4 × 4.5	40.3 59.3	12 12	Ø 1.5

Model No.	Rail dimension						Basic load rating		Static moment rating					Weight	
	Width W_1		Height H_1	Pitch P	E std.	D × h × d	Dynamic C kN	Static Co kN	M_P N-m		M_Y N-m		M_R N-m	Carriage g	Rail kg/m
									Single*	Double*	Single*	Double*			
MSD 7M MSD 7LM	14	0 -0.05	5.2	30	10	6 x 3.2 x 3.5	1.51 2.04	2.46 3.79	6.6 17.5	39.0 84.0	6.6 17.5	39.0 84.0	17.7 27.3	23 31	0.55
MSD 9M MSD 9LM	18	0 -0.05	7	30	10	6 x 4.5 x 3.5	2.79 3.64	4.37 6.39	15.6 33.8	90.3 175.2	15.6 33.8	90.3 175.2	40.7 59.5	41 57	0.96
MSD 12M MSD 12LM	24	0 -0.05	8.5	40	15	8 x 4.5 x 4.5	4.05 5.28	6.20 9.06	26.3 57.0	151.5 294.4	26.3 57.0	151.5 294.4	76.3 116.6	70 101	1.55
MSD 15M MSD 15LM	42	0 -0.05	9.5	40	15	8 x 4.5 x 4.5	7.08 9.40	10.18 15.26	62.5 135.2	301.4 616.1	62.5 135.2	301.4 616.1	216.9 325.3	150 126	2.99