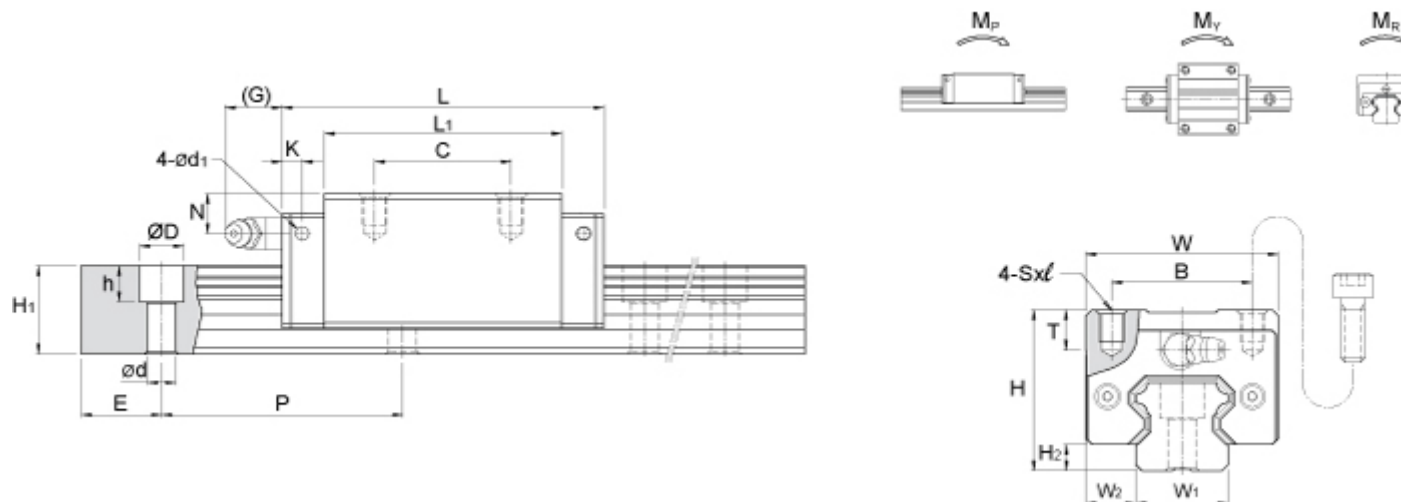


MSA S/LS

×Close Window



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_{100} for 100 km is $C=1.26 \times C_{100}$.

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

Model No.	External dimension			Carriage dimension											Grease Nipple
	Height H	Width W	Length L	W_2	H_2	B	C	$S \times \ell$	L_1	T	N	G	K	d_1	
MSA 15S	28	34	56.3	9.5	4.2	26	26	M4 x 5	39.3	7.2	8.3	7	3.2	3.3	G-M4
MSA 20S	30	44	72.9	12	5	32	36	M5 x 6	51.3	8	5	12	5.8	3.3	G-M6
MSA 20LS			88.8				50		67.2						
MSA 25S	40	48	81.6	12.5	6.5	35	35	M6 x 8	59	10	10	12	5.8	3.3	G-M6
MSA 25LS			100.6				50		78						
MSA 30S	45	60	97	16	8	40	40	M8 x 10	71.4	11.7	10	12	6.8	3.3	G-M6
MSA 30LS			119.2				60		93.6						
MSA 35S	55	70	111.2	18	9.5	50	50	M8 x 12	81	12.7	15	11.5	8.6	3.3	G-M6
MSA 35LS			136.6				72		106.4						

MSA 45S	70	86	137.7	20.5	10	60	60	M10 x 17	102.5	16	20	13.5	10.6	3.3	G-PT1/8
MSA 45LS			169.5				80		134.3						
MSA 55S	80	100	161.5	23.5	13	75	75	M12 x 18	119.5	18	21	13.5	8.9	3.3	G-PT1/8
MSA 55LS			199.5				95		157.5						
MSA 65S	90	126	199	31.5	15	76	70	M16 x 20	149	23	19	13.5	8.9	3.3	G-PT1/8
MSA 65LS			253				120		203						

Model No.	Rail dimension				Basic load rating			Static moment rating				Weight		
	Width W ₁	Height H ₁	Pitch P	E std.	D x h x d	Dynamic C kN	StaticCo kN	M _p kN-m		M _γ kN-m		M _R kN-m	Carriage kg	Rail kg/m
								Single*	Double*	Single*	Double*			
MSA 15S	15	15	60	20	7.5 x 5.3 x 4.5	11.8	18.9	0.12	0.68	0.12	0.68	0.14	0.18	1.5
MSA 20S	20	18	60	20	9.5 x 8.5 x 6	19.2	29.5	0.23	1.42	0.23	1.42	0.29	0.3	2.4
MSA 20LS						23.3	39.3	0.39	2.23	0.39	2.23	0.38	0.39	0.39
MSA 25S	23	22	60	20	11 x 9 x 7	28.1	42.4	0.39	2.20	0.39	2.20	0.48	0.52	3.4
MSA 25LS						34.4	56.6	0.67	3.52	0.67	3.52	0.63	0.68	0.68
MSA 30S	28	26	80	20	14 x 12 x 9	39.2	57.8	0.62	3.67	0.62	3.67	0.79	0.86	4.8
MSA 30LS						47.9	77.0	1.07	5.81	1.07	5.81	1.05	1.12	1.12
MSA 35S	34	29	80	20	14 x 12 x 9	52.0	75.5	0.93	5.47	0.93	5.47	1.25	1.45	6.6
MSA 35LS						63.6	100.6	1.60	8.67	1.60	8.67	1.67	1.9	1.9
MSA 45S	45	38	105	22.5	20 x 17 x 14	83.8	117.9	1.81	10.67	1.81	10.67	2.57	2.83	11.5
MSA 45LS						102.4	157.3	3.13	16.95	3.13	16.95	3.43	3.7	3.7
MSA 55S	53	44	120	30	23 x 20 x 16	123.6	169.8	3.13	17.57	3.13	17.57	4.50	4.12	15.5
MSA 55LS						151.1	226.4	5.40	28.11	5.40	28.11	6.00	4.91	4.91
MSA 65S	63	53	150	35	26 x 22 x 18	198.8	265.3	6.11	33.71	6.11	33.71	8.36	6.43	21.9
MSA 65LS						253.5	375.9	11.84	57.32	11.84	57.32	11.84	8.76	8.76