



## Dimensions of MSA-S / MSA-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
MSA 15 S	28	34	56.3	9.5	4.2	26	26	M4x5	39.3	7.2	8.3	7	3.2	3.3	G-M4
MSA 20 S	30	44	72.9	12	5	32	36	M5x6	51.3	8	5	12	5.8	3.3	G-M6
MSA 20 LS			88.8						67.2						
MSA 25 S	40	48	81.6	12.5	6.5	35	35	M6x8	59	10	10	12	5.8	3.3	G-M6
MSA 25 LS			100.6						78						
MSA 30 S	45	60	97	16	8	40	40	M8x10	71.4	11.7	10	12	6.5	3.3	G-M6
MSA 30 LS			119.2						93.6						
MSA 35 S	55	70	111.2	18	9.5	50	50	M8x12	81	12.7	15	11.5	8.6	3.3	G-M6
MSA 35 LS			136.6						106.4						
MSA 45 S	70	86	137.7	20.5	10	60	60	M10x17	102.5	16	20	13.5	10.6	3.3	G-PT1/8
MSA 45 LS			169.5						134.3						
MSA 55 S	80	100	161.5	23.5	13	75	75	M12x18	119.5	18	21	13.5	8.6	3.3	G-PT1/8
MSA 55 LS			199.5						157.5						
MSA 65 S	90	126	199	31.5	15	76	70	M16x20	149	23	19	13.5	8.6	3.3	G-PT1/8
MSA 65 LS			253						203						

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
MSA 15 S	15	15	60	20	7.5 x 5.3 x 4.5	11.8	18.9	0.12	0.12	0.14	1.5	0.18
MSA 20 S	20	18	60	20	9.5 x 8.5 x 6	19.2	29.5	0.23	0.23	0.29	2.4	0.3
MSA 20 LS						23.3	39.3	0.39	0.39	0.38	0.39	
MSA 25 S	23	22	60	20	11 x 9 x 7	28.1	42.4	0.39	0.39	0.48	3.4	0.52
MSA 25 LS						34.4	56.6	0.67	0.67	0.63	0.68	
MSA 30 S	28	26	80	20	14 x 12 x 9	39.2	57.8	0.62	0.62	0.79	4.8	0.86
MSA 30 LS						47.9	77.0	1.07	1.07	1.05	1.12	
MSA 35 S	34	29	80	20	14 x 12 x 9	52.0	75.5	0.93	0.93	1.25	6.6	1.45
MSA 35 LS						63.6	100.6	1.60	1.60	1.67	1.9	
MSA 45 S	45	38	105	22.5	20 x 17 x 14	83.8	117.9	1.81	1.81	2.57	11.5	2.83
MSA 45 LS						102.4	157.3	3.13	3.13	3.43	3.7	
MSA 55 S	53	44	120	30	23 x 20 x 16	123.6	169.8	3.13	3.13	4.50	15.5	4.12
MSA 55 LS						151.1	226.4	5.40	5.40	6.00	4.91	
MSA 65 S	63	53	150	35	26 x 22 x 18	198.8	265.3	6.11	6.11	8.36	21.9	6.43
MSA 65 LS						253.5	375.9	11.84	11.84	11.84	8.76	