



Dimensions of MSA-A / MSA-LA

Unit: mm

Model No	External Dimensions					Carriage Dimensions											Grease Nipple
	Height H	Width W	Length L	W ₂	H ₂	B	C	S x L	L ₁	T	T ₁	N	G	K	d ₁		
MSA 15 A	24	47	56.3	16	4.2	38	30	M5x11	39.3	7	11	4.3	7	3.2	3.3	G-M4	
MSA 20 A	30	63	72.9	21.5	5	53	40	M6x10	51.3	7	10	5	12	5.8	3.3	G-M6	
MSA 20 LA			88.8						67.2								
MSA 25 A	36	70	81.6	23.5	6.5	57	45	M8x16	59	11	16	6	12	5.8	3.3	G-M6	
MSA 25 LA			100.6						78								
MSA 30 A	42	90	97	31	8	72	52	M10x18	71.4	11	18	7	12	6.5	3.3	G-M6	
MSA 30 LA			119.2						93.6								
MSA 35 A	48	100	111.2	33	9.5	82	62	M10x21	81	13	21	8	11.5	8.6	3.3	G-M6	
MSA 35 LA			136.6						106.4								
MSA 45 A	60	120	137.7	37.5	10	100	80	M12x25	102.5	13	25	10	13.5	10.6	3.3	G-PT1/8	
MSA 45 LA			169.5						134.3								

Model No	Rail Dimensions					Basic Load Rating		Static Movement Rating			Weight	
	Width W ₁	Height H ₁	Pitch P	E std.	D x h x d	Dynamic C kN	Static C ₀ kN	M _P kN-m	M _Y kN-m	M _R kN-m	Rail kg/m	Carriage kg
MSA 15 A	15	15	60	20	7.5x5.3x4.5	11.8	18.9	0.12	0.12	0.14	1.5	0.18
MSA 20 A	20	18	60	20	9.5x8.5x6	19.2	29.5	0.23	0.23	0.29	2.4	0.4
MSA 20 LA						23.3	39.3	0.39	0.39	0.38		
MSA 25 A	23	22	60	20	11x9x7	28.1	42.4	0.39	0.39	0.48	3.4	0.62
MSA 25 LA						34.4	56.6	0.67	0.67	0.63		
MSA 30 A	28	26	80	20	14x12x9	39.2	57.8	0.62	0.62	0.79	4.8	1.09
MSA 30 LA						47.9	77	1.07	1.07	1.05		
MSA 35 A	34	29	80	20	14x12x9	52.0	75.5	0.93	0.93	1.25	6.6	1.61
MSA 35 LA						63.6	100.6	1.6	1.6	1.67		
MSA 45 A	45	38	105	22.5	20x17x14	83.8	117.9	1.81	1.81	2.57	11.5	2.98
MSA 45 LA						102.4	157.3	3.13	3.13	3.43		

Note: Request for size 55 and 65 MSA-A / MSA-LA carriage, please refer to MSA-E / MSA-LE carriage type