



Model No.	Bolt Size	
	S <sub>1</sub>	S <sub>2</sub>
MSR 20	M6	-
MSR 25	M8	M6
MSR 30	M10	M8
MSR 35	M10	M8
MSR 45	M12	M10
MSR 55	M14	M12
MSR 65	M16	M14

Model No.	External dimension					Carriage dimension														
	Height H	Width W	Length L	W <sub>2</sub>	H <sub>2</sub>	B	C	C <sub>2</sub>	S	L <sub>1</sub>	T	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	N	G	K	e <sub>1</sub>	G <sub>1</sub>	Grease Nipple
<b>MSR 20 E</b> <b>MSR 20 LE</b>	30	63	89.8 109.8	21.5	4.6	53	40	35	M6	57.8 77.8	10	25.4	10	7.95	5	5.15	4	6.5	M4	G-M4
<b>MSR 25 E</b> <b>MSR 25 LE</b>	36	70	97.5 115.5	23.5	4.8	57	45	40	M8	65.5 83.5	9.5	20.2	10	5.8	6	12	6.6	6.5	M6	G-M6
<b>MSR 30 E</b> <b>MSR 30 LE</b>	42	90	112.4 135.2	31	6	72	52	44	M10	75.9 98.7	10	21.6	13	6.7	7	12	8	7	M6	G-M6
<b>MSR 35 E</b> <b>MSR 35 LE</b>	48	100	125.3 153.5	33	6.5	82	62	52	M10	82.3 110.5	12	27.5	15	9.5	8	12	8	7	M6	G-M6
<b>MSR 45 E</b> <b>MSR 45 LE</b>	60	120	154.2 189.4	37.5	8	100	80	60	M12	106.5 141.7	14.5	35.5	15	12.5	10	13.5	10	8	M6	G-PT 1/8
<b>MSR 55 E</b> <b>MSR 55 LE</b>	70	140	185.4 235.4	43.5	10	116	95	70	M14	129.5 179.5	17.5	41	18	15.5	11	13.5	12	7.95	M6	G-PT 1/8
<b>MSR 65 E</b> <b>MSR 65 LE</b>	90	170	238.4 300.4	53.5	12	142	110	82	M16	168 230	19.5	56	20	26	16.5	13.5	12	8	M6	G-PT 1/8

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

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 × h × 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	Carriage kg	Rail kg/m
								Single*	Double*	Single*	Double*			
<b>MSR 20 E</b> <b>MSR 20 LE</b>	20	20	30	20	9.5×8.5×6	22.8 26.6	60.8 74.0	0.51 0.84	2.85 4.24	0.51 0.84	2.85 4.24	0.62 0.69	0.54 0.71	2.6
<b>MSR 25 E</b> <b>MSR 25 LE</b>	23	23.5	30	20	11×9×7	29.6 36.3	63.8 82.9	0.65 1.08	3.82 5.94	0.65 1.08	3.82 5.94	0.73 0.95	0.75 0.95	3.5
<b>MSR 30 E</b> <b>MSR 30 LE</b>	28	27.5	40	20	14×12×9	42.8 54.0	91.9 124.0	1.09 1.96	6.38 10.60	1.09 1.96	6.38 10.60	1.27 1.75	1.4 1.72	5
<b>MSR 35 E</b> <b>MSR 35 LE</b>	34	30.5	40	20	14×12×9	57.9 73.9	123.5 169.0	1.59 2.94	9.56 16.18	1.59 2.94	9.56 16.18	2.09 2.85	1.95 2.45	7
<b>MSR 45 E</b> <b>MSR 45 LE</b>	45	37	52.5	22.5	20×17×14	92.8 117.2	193.8 261.6	3.28 5.90	18.76 31.32	3.28 5.90	18.76 31.32	4.40 5.94	3.9 4.5	11.2
<b>MSR 55 E</b> <b>MSR 55 LE</b>	53	43	60	30	23×20×16	132.8 172.5	270.0 378.0	5.49 10.60	31.18 55.58	5.49 10.60	31.18 55.58	7.33 10.28	6 7.9	15.6
<b>MSR 65 E</b> <b>MSR 65 LE</b>	63	52	75	35	26×22×18	205.1 277.0	422.7 624.0	11.81 22.50	59.25 117.87	11.81 22.50	59.25 117.87	13.71 20.02	13 17.6	22.4