



Model No.	Bolt Size	
	S <sub>1</sub>	S <sub>2</sub>
SME 15	M5	M4
SME 20	M6	M5
SME 25	M8	M6
SME 30	M10	M8
SME 35	M10	M8
SME 45	M12	M10

Model No.	External dimension					Carriage dimension											
	Height H	Width W	Length L	$W_2$	$H_2$	B	C	$S \times l$	$L_1$	T	$T_1$	N	G	K	$e_1$	$G_1$	Grease Nipple
<b>SME 15 EA</b> <b>SME 15 LEA</b>	24	47	64.4 79.4	16	3.5	38	30	M5×8	48 63	5.5	8	5	5.5	2.7	-	M4	G-M4
SME 20 EA SME 20 LEA	30	63	78.5 97.5	21.5	4.7	53	40	M6×10	58.3 77.3	7	10	8	12	3.7	-	M4	G-M6
<b>SME 25 EA</b> <b>SME 25 LEA</b>	36	70	92 109	23.5	5.8	57	45	M8×13	71 88	7	13	10	12	4	-	M4	G-M6
SME 30 EA SME 30 LEA	42	90	108 133	31	7.5	72	52	M10×15	80 105	12	15	8	12	6.5	5.4	M6	G-M6
<b>SME 35 EA</b> <b>SME 35 LEA</b>	48	100	120.6 150.6	33	8	82	62	M10×15	90 120	12	15	8	12	6.5	6	M6	G-M6
SME 45 EA SME 45 LEA	60	120	140 174.5	37.5	10	100	80	M12×18	106 140.5	12	18	10	13.5	8.5	6.1	M6	G-PT 1/8

**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.	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>z</sub> kN-m	Carriage kg	Rail kg/m
								Single*	Double*	Single*	Double*			
<b>SME 15 EA</b> <b>SME 15 LEA</b>	15	13	60	20	7.5×5.8×4.5	12.5 15.4	20.2 27.5	0.14 0.25	0.69 1.15	0.14 0.25	0.69 1.15	0.16 0.21	0.22 0.29	1.4
<b>SME 20 EA</b> <b>SME 20 LEA</b>	20	15.5	60	20	9.5×8.5×6	20.4 25.3	32.1 43.6	0.27 0.49	1.34 2.24	0.27 0.49	1.34 2.24	0.33 0.44	0.42 0.62	2.3
<b>SME 25 EA</b> <b>SME 25 LEA</b>	23	18	60	20	11×9×7	28.3 33.0	44.3 56.1	0.45 0.71	2.14 3.20	0.45 0.71	2.14 3.20	0.52 0.66	0.67 0.89	3.2
<b>SME 30 EA</b> <b>SME 30 LEA</b>	28	23	80	20	14×12×9	39.4 47.0	59.5 76.5	0.68 1.11	3.37 5.32	0.68 1.11	3.37 5.32	0.83 1.07	1.18 1.54	4.5
<b>SME 35 EA</b> <b>SME 35 LEA</b>	34	26	80	20	14×12×9	54.7 67.6	81.0 109.9	1.07 1.92	5.25 8.75	1.07 1.92	5.25 8.75	1.41 1.91	1.74 2.28	6.2
<b>SME 45 EA</b> <b>SME 45 LEA</b>	45	32	105	22.5	20×17×14	72.7 90.0	105.8 143.6	1.61 2.88	7.82 13.08	1.61 2.88	7.82 13.08	2.41 3.27	3.22 4.21	10.5