



Model No.	External dimension					Carriage dimension										
	Height H	Width W	Length L	$W_2$	$H_2$	B	C	$S \times l$	$L_1$	T	N	G	K	$e_1$	$G_1$	Grease Nipple
<b>SME 15 SB</b> <b>SME 15 LSB</b>	24	34	64.4 79.4	9.5	3.5	26	26 34	M4×5	48 63	6	5	5.5	2.7	-	M4	G-M4
<b>SME 20 SB</b> <b>SME 20 LSB</b>	28	42	78.5 97.5	11	4.7	32	32 45	M5×5.5	58.3 77.3	6	6	12	3.7	-	M4	G-M6
<b>SME 25 SB</b> <b>SME 25 LSB</b>	33	48	92 109	12.5	5.8	35	35 50	M6×7	71 88	8	7	12	4	-	M4	G-M6
<b>SME 25 SV</b> <b>SME 25 LSV</b>	36	48	92 109	12.5	5.8	35	35 50	M6×9	71 88	8	10	12	4	-	M4	G-M6
<b>SME 30 SB</b> <b>SME 30 LSB</b>	42	60	107.6 132.6	16	7.5	40	40 60	M8×10	80 105	8	8	12	6.5	5.4	M6	G-M6
<b>SME 35 SB</b> <b>SME 35 LSB</b>	48	70	120.6 150.6	18	8	50	50 72	M8×11	90 120	11	8	12	6.5	6	M6	G-M6
<b>SME 45 SB</b> <b>SME 45 LSB</b>	60	86	140 174.5	20.5	10	60	60 80	M10×16	106 140.5	16	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.

Unit: mm

Model No.	Rail dimension					Basic load rating		Static moment rating					Weight	
	Width W <sub>r</sub>	Height H <sub>r</sub>	Pitch P	E std.	D × h × d	Dynamic C kN	Static C <sub>s</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>SME 15 SB</b> <b>SME 15 LSB</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	0.19 0.22	1.4
<b>SME 20 SB</b> <b>SME 20 LSB</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	0.26 0.35	2.3
<b>SME 25 SB</b> <b>SME 25 LSB</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	0.31 0.49	3.2
<b>SME 25 SV</b> <b>SME 25 LSV</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	0.44 0.62	3.2
<b>SME 30 SB</b> <b>SME 30 LSB</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	0.85 1.10	4.5
<b>SME 35 SB</b> <b>SME 35 LSB</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	1.22 1.61	6.2
<b>SME 45 SB</b> <b>SME 45 LSB</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	2.86 3.57	10.5