



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
SME 15 SA SME 15 LSA	28	34	64.4 79.4	9.5	3.5	26	26	M4×7.5	48 63	6	9	5.5	2.7	-	M4	G-M4
SME 20 SA SME 20 LSA	30	44	78.5 97.5	12	4.7	32	36 50	M5×7	58.3 77.3	6	8	12	3.7	-	M4	G-M6
SME 25 SA SME 25 LSA	40	48	92 109	12.5	5.8	35	35 50	M6×12	71 88	8	14	12	4	-	M4	G-M6
SME 30 SA SME 30 LSA	45	60	108 133	16	7.5	40	40 60	M8×12	80 105	8	11	12	6.5	5.4	M6	G-M6
SME 35 SA SME 35 LSA	55	70	120.6 150.6	18	8	50	50 72	M8×14	90 120	11	15	12	6.5	6	M6	G-M6
SME 45 SA SME 45 LSA	70	86	140 174.5	20.5	10	60	60 80	M10×20	106 140.5	16	20	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 ₁	Height H ₁	Pitch P	E std.	D × h × d	Dynamic C kN	Static C _o kN	M _p kN-m		M _v kN-m		M _p kN-m	Carriage kg	Rail kg/m
								Single*	Double*	Single*	Double*			
SME 15 SA SME 15 LSA	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 0.25	1.4
SME 20 SA SME 20 LSA	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	0.30 0.39	2.3
SME 25 SA SME 25 LSA	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	0.56 0.73	3.2
SME 30 SA SME 30 LSA	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	0.93 1.21	4.5
SME 35 SA SME 35 LSA	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	1.57 2.05	6.2
SME 45 SA SME 45 LSA	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	3.06 4.00	10.5