

Model No

Bolt Size

S₁

S₂

SMA 15

M5

M4

SMA 20

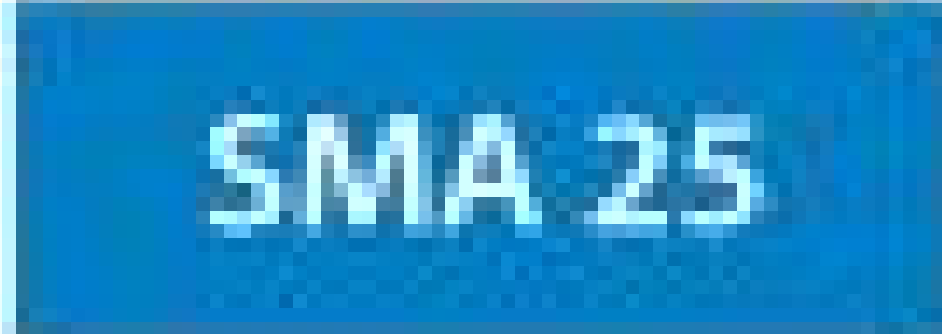
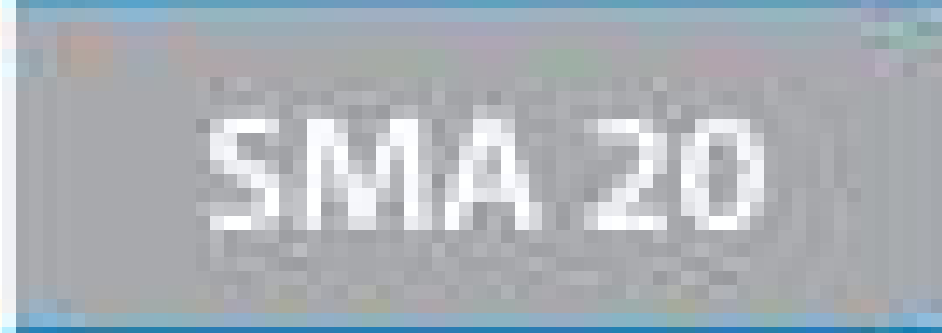
M6

M5

SMA 25

M8

M6



Model No.	External dimension					Carriage dimension												Grease Nipple
	Height H	Width W	Length L	W_2	H_2	B	C	$S \times l$	L_1	T	T_1	T_2	N	G	K	d_1		
SMA 15 E	24	47	61.4	16	4.2	38	30	M5×7	39.3	7	11	7	4.3	7	4.9	3.3	G-M4	
SMA 20 E	30	63	76.7	21.5	5	53	40	M6×10	51.3	7	10	10	5.1	12	6	5.3	G-M6	
SMA 25 E	36	70	83.4	23.5	6.5	57	45	M8×10	59	11	16	10	6	12	5.4	5.3	G-M6	

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_1	Height H_1	Pitch P	E std.	$D \times h \times d$	Dynamic C kN	Static C_0 kN	M_p kN-m		M_y kN-m		M_R kN-m	Carriage kg	Rail kg/m
								Single*	Double*	Single*	Double*			
SMA 15 E	15	15	60	20	7.5×5.3×4.5	11.6	17.3	0.11	0.68	0.11	0.68	0.12	0.14	1.5
SMA 20 E	20	18	60	20	9.5×8.5×6	18.8	27	0.22	1.37	0.22	1.37	0.26	0.31	2.4
SMA 25 E	23	22	60	20	11×9×7	27.6	38.9	0.36	2.14	0.36	2.14	0.44	0.52	3.4