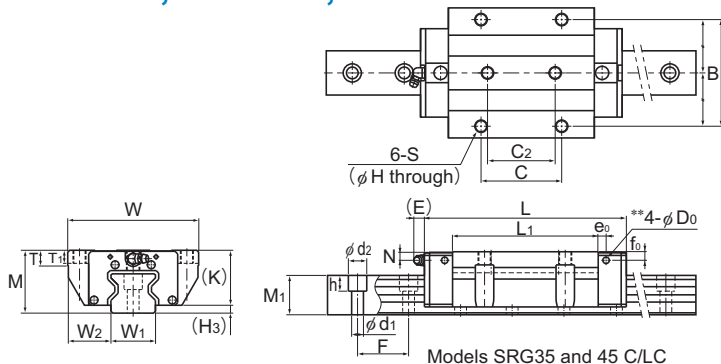


Models SRG-C, SRG-LC, and SRG-SLC



Models SRG35 and 45 C/LC

Model No.	Outer dimensions			LM block dimensions																
	Height	Width	Length																	Grease nipple
	M	W	L	B	C	C ₂	S	H	ℓ ₁	ℓ ₂	L ₁	T	T ₁	K	N	E	e ₀	f ₀	D ₀	
SRG 35C SRG 35GC	48	100	125	82	62	52	M10	8.5	—	—	82.2	11.5	10	42	6.5	12	6	6	5.2	B-M6F
SRG 35LC SRG 35GLC	48	100	155	82	62	52	M10	8.5	—	—	112.2	11.5	10	42	6.5	12	6	6	5.2	B-M6F
SRG 35SLC SRG 35GSLC	48	100	180.8	82	100	—	M10	8.5	—	—	138	11.5	10	42	6.5	12	6	6	5.2	B-M6F
SRG 45C SRG 45GC	60	120	155	100	80	60	M12	10.5	—	—	107	14.5	15	52	10	16	7	7	5.2	B-PT1/8
SRG 45LC SRG 45GLC	60	120	190	100	80	60	M12	10.5	—	—	142	14.5	15	52	10	16	7	7	5.2	B-PT1/8
SRG 45SLC SRG 45GSLC	60	120	231.5	100	120	—	M12	10.5	—	—	183.5	14.5	15	52	10	16	7	7	5.2	B-PT1/8

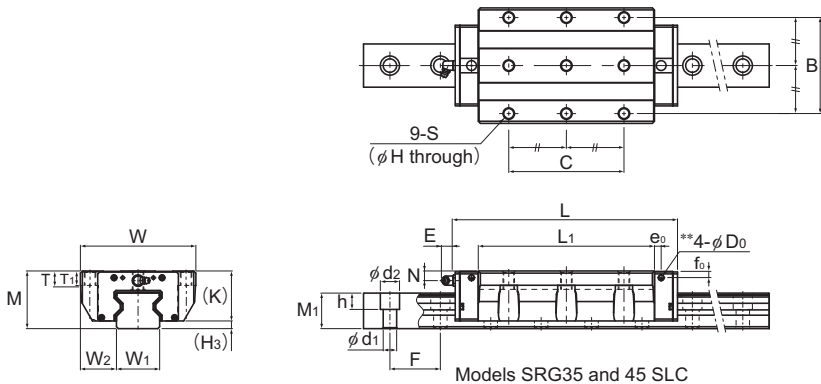
Note) The SRG-G is equipped with uncaged, full-complement bearings.

Model number coding

SRG45	LC	2	QZ	TT	HH	C0	+1200L	P	Z	T	-II
Model number	Type of LM block		With QZ Lubricator	Contamination protection accessory symbol			LM rail length (in mm)		With plate cover		Symbol for No. of rails used on the same plane
	No. of LM blocks used on the same rail			Radial clearance symbol Normal (No symbol)/Light preload (C1) Medium preload (C0)/Heavy preload (CN1) Super heavy preload (CN2)						Symbol for LM rail jointed use	
								Accuracy symbol High accuracy grade (H)/Precision grade (P) Super precision grade (SP)/Ultra precision grade (UP)			

Note) This model number indicates that a single-rail unit constitutes one set. (i.e., required number of sets when 2 rails are used in parallel is 2 at a minimum.)

Grease nipples are not installed when there is a QZ Lubricator. Contact THK if you want to use a grease nipple for a model with a QZ. See **A1-545** for contamination protection accessories, see **A1-75** for radial clearance symbol. See **A1-79** for accuracy symbol. See **A1-13** for symbol for number of rails used on the same plane.



Models SRG35 and 45 SLC

Unit: mm

LM rail dimensions								Basic load rating*		Static permissible moment kN·m*					Mass	
H ₃	Width	W ₂	Height	Pitch	d ₁ × d ₂ × h	Length*	Max	C	C ₀	M _A		M _B		M _C	LM block	LM rail
	W ₁ 0 -0.05		M ₁	F						1 block	Double blocks	1 block	Double blocks	1 block		
6	34	33	30	40	9 × 14 × 12	3000	59.1 55.3	119 131	1.66 1.77	10.1 11.1	1.66 1.77	10.1 11.1	2.39 2.69		1.9	6.9
6	34	33	30	40	9 × 14 × 12	3000	76 71.4	165 182	3.13 3.39	17 18.8	3.13 3.39	17 18.8	3.31 3.74		2.4	6.9
6	34	33	30	40	9 × 14 × 12	3000	87.9 83.4	199 222	4.53 5	23.9 26.6	4.53 5	23.9 26.6	4.09 4.56		3.2	6.9
8	45	37.5	37	52.5	14 × 20 × 17	3090	91.9 87.8	192 216	3.49 3.9	20 22.5	3.49 3.9	20 22.5	4.98 5.87		3.7	11.6
8	45	37.5	37	52.5	14 × 20 × 17	3090	115 110	256 288	6.13 6.87	32.2 36.3	6.13 6.87	32.2 36.3	6.64 7.83		4.5	11.6
8	45	37.5	37	52.5	14 × 20 × 17	3090	139 133	328 368	9.99 11.1	50 56	9.99 11.1	50 56	8.91 10		6.3	11.6

Note1) The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See **A1-436**.)

Static permissible moment* 1 block: the static permissible moment with one LM block

Double blocks: static permissible moment when two LM blocks are in close contact with each other

For oil lubrication, be certain to let THK know the mounting orientation and where the LM block piping joint should be attached.

(Mounting orientation: see **A1-12**, Lubricant: see **A24-2**)

Total block length L

: The total block length L shown in the table is the length with the dust proof parts, code UU or SS.

If other contamination protection accessories or lubricant equipment are installed, the total block length will increase.

(See **A1-519** or **A1-541**)

The removing/mounting jig is not provided as standard. Contact THK before use.

** These are the side nipple pilot holes for when a grease nipple is desired for a product with LaCS or a QZ Lubricator.

Pilot holes for side nipples are not drilled through for models other than those stated above.

For grease nipple mount machining, contact THK.

Note2) The basic dynamic load rating of the roller guide is a value based on a nominal life of 100 km.

The conversion to basic dynamic load rating for a nominal life of 50 km can be obtained from the following equation.

$$C_{50} = C \times 1.23$$

C₅₀ : The basic dynamic load rating for a nominal life of 50 km

C : The basic dynamic load rating in the dimensional table