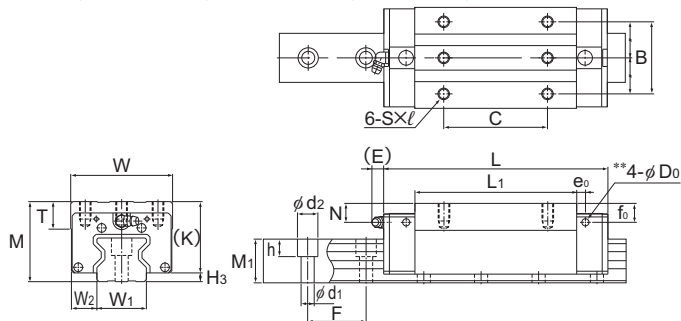


Models SRG-V, SRG-LV, SRG-SLV, SRG-R, SRG-LR and SRG-SLR



Models SRG35 to 65R/LR/LV

Model No.	Outer dimensions			LM block dimensions														Grease nipple
	Height	Width	Length	B	C	S	ℓ	ℓ_1	ℓ_2	L_1	T	K	N	E	e_0	f_0	D_0	
	M	W	L															
SRG 35R SRG 35LR SRG 35SLR	55	70	125 155 180.8	50	50 72 100	M8	12	—	—	82.2 112.2 138.0	18.5	49	13.5	12	6	13	5.2	B-M6F
SRG 45R SRG 45LR SRG 45SLR	70	86	155 190 231.5	60	60 80 120	M10	20	—	—	107 142 183.5	24.5	62	20	16	7	17	5.2	B-PT1/8
SRG 55R SRG 55LR SRG 55SLR	80	100	185 235 292	75	75 95 150	M12	18	—	—	129.2 179.2 236.2	27.5	70	22	16	9	18.5	5.2	B-PT1/8
SRG 65V SRG 65LV SRG 65SLV	90	126	244.9 303 380	76	70 120 200	M16	20	—	—	171.7 229.8 306.8	19.5	78.5	17	16	9	13.5	5.2	B-PT1/8

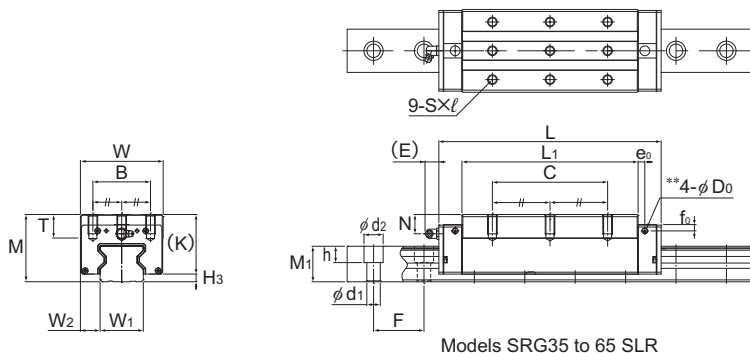
Model number coding

SRG45	LR	2	QZ	TT	HH	C0	+1200L	P	Z	T	- II
Model number	Type of LM block	No. of LM blocks used on the same rail	With QZ Lubricator	Contamination protection accessory symbol (*1)	Radial clearance symbol (*2)	Normal (No symbol) Light preload (C1) Medium preload (C0)	LM rail length (in mm)	With plate cover	Accuracy symbol (*3) Precision grade (P)/Super precision grade (SP) Ultra precision grade (UP)	Symbol for LM rail jointed use	Symbol for No. of rails used on the same plane (*4)

(*1) See contamination protection accessory on **A1-496**. (*2) See **A1-72**. (*3) See **A1-76**. (*4) See **A1-13**.

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.)

Those models equipped with QZ Lubricator cannot have a grease nipple. When desiring a grease nipple for a model attached with QZ, contact THK.



Models SRG35 to 65 SLR

Unit: mm

H ₃	LM rail dimensions						Basic load rating*		Static permissible moment kN-m*					Mass	
	W ₁ 0 -0.05	W ₂	M ₁	F	d ₁ × d ₂ × h	Length* Max	C	C ₀	M _A		M _B		M _C	LM block kg	LM rail kg/m
									1 block	Double blocks	1 block	Double blocks			
6	34	18	30	40	9 × 14 × 12	3000	59.1 76 87.9	119 165 199	1.66 3.13 4.53	10.1 17 23.9	1.66 3.13 4.53	10.1 17 23.9	2.39 3.31 4.09	1.6 2.1 2.6	6.9
8	45	20.5	37	52.5	14 × 20 × 17	3090	91.9 115 139	192 256 328	3.49 6.13 9.99	20 32.2 50.0	3.49 6.13 9.99	20 32.2 50.0	4.98 6.64 8.91	3.2 4.1 5.4	11.6
10	53	23.5	43	60	16 × 23 × 20	3060	131 167 210	266 366 488	5.82 10.8 19.1	33 57 93.7	5.82 10.8 19.1	33 57 93.7	8.19 11.2 15.6	5 6.9 9.2	15.8
11.5	63	31.5	54	75	18 × 26 × 22	3000	219 278 352	441 599 811	12.5 22.7 41.3	72.8 120 202	12.5 22.7 41.3	72.8 120 202	16.8 22.1 30.9	9.0 12.1 16.1	23.7

Note1) The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See [A1-414](#).)
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 attached.

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 [A1-472](#) or [A1-492](#))

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

** A pilot hole for side nipples, when a grease nipple for a model equipped with LaCS or QZ Lubricator is needed.

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

For grease nipple mount machining, contact THK. (See [A1-415](#))

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 load of 50 km

C : The basic dynamic load rating in the dimensional table