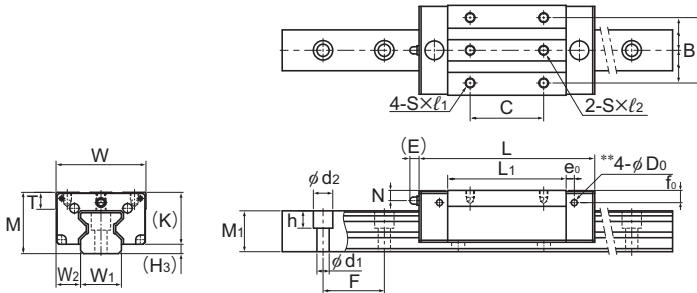


Models SRG-V, SRG-LV, SRG-R, and SRG-LR



Models SRG15X and 20X V/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 15XV SRG 15XGV	24	34	69.2	26	26	M4	—	5	7.5	45	6	20	4	4.5	4	6	2.9	PB107	
SRG 20XV SRG 20XGV	30	44	86.2	32	36	M5	—	7	9	58	8	25.4	5	4.5	4	6	2.9	PB107	
SRG 20XLV SRG 20XGLV	30	44	106.2	32	50	M5	—	7	9	78	8	25.4	5	4.5	4	6	2.9	PB107	
SRG 25XR SRG 25XGR	40	48	95.1	35	35	M6	9	—	—	65.5	9.5	35.5	9.5	12	6	11.3	5.2	B-M6F	
SRG 25XLR SRG 25XGLR	40	48	115.1	35	50	M6	9	—	—	85.5	9.5	35.5	9.5	12	6	11.3	5.2	B-M6F	
SRG 30XR SRG 30XGR	45	60	111	40	40	M8	10	—	—	75	12	40	9.5	12	6	10.5	5.2	B-M6F	
SRG 30XLR SRG 30XGLR	45	60	135	40	60	M8	10	—	—	99	12	40	9.5	12	6	10.5	5.2	B-M6F	

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

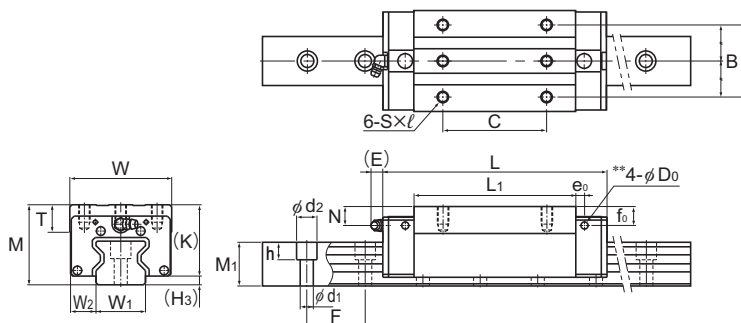
Model number coding

SRG30X	LR	2	QZ	TTHH	C0	+1240L	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)	Accuracy symbol (*3) High accuracy grade (H)/Precision grade (P) Super precision grade (SP)/Ultra precision grade (UP)	With plate cover	Symbol for LM rail jointed use	Symbol for No. of rails used on the same plane (*4)

(*1) See contamination protection accessory on **A1-543**. (*2) See **A1-75**. (*3) See **A1-79**. (*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 SRG25X and 30X R/LR

Unit: mm

H ₃	LM rail dimensions						Basic load rating*		Static permissible moment kN·m*					Mass	
	Width W ₁ 0 -0.05	Height W ₂	Pitch M ₁	Pitch F	Length* d ₁ × d ₂ × h	Length* Max	C kN	C ₀ kN	M _A		M _B		M _C	LM block kg	LM rail kg/m
									1 block	Double blocks	1 block	Double blocks	1 block		
4	15	9.5	15.5	30	4.5 × 7.5 × 5.3	3000	11.3 11.3	25.8 30.9	0.21 0.25	1.24 1.49	0.21 0.25	1.24 1.49	0.24 0.3	0.15	1.58
4.6	20	12	20	30	6 × 9.5 × 8.5	3000	21 20.6	46.9 54.4	0.48 0.56	2.74 3.25	0.48 0.56	2.74 3.25	0.58 0.68	0.28	2.58
4.6	20	12	20	30	6 × 9.5 × 8.5	3000	26.7 25.9	63.8 73.1	0.88 0.99	4.49 5.27	0.88 0.99	4.49 5.25	0.79 0.91	0.38	2.58
4.5	23	12.5	23	30	7 × 11 × 9	3000	27.9 26.7	57.5 65	0.64 0.76	3.7 4.31	0.64 0.76	3.7 4.31	0.8 0.9	0.6	3.6
4.5	23	12.5	23	30	7 × 11 × 9	3000	34.2 32.9	75 85	1.07 1.27	5.74 6.69	1.07 1.27	5.74 6.69	1.03 1.18	0.8	3.6
5	28	16	26	40	9 × 14 × 12	3000	39.3 38.7	82.5 96.9	1.02 1.23	6.21 7.25	1.02 1.23	6.21 7.25	1.47 1.62	0.9	4.4
5	28	16	26	40	9 × 14 × 12	3000	48.3 47.4	108 126	1.76 2.04	9.73 11.3	1.76 2.04	9.73 11.3	1.92 2.11	1.2	4.4

Note1) The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See [A1-434](#).)

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 [A1-517](#) or [A1-539](#))

The removing/mounting jig is not provided as standard. To obtain one, please contact THK.

** The diagram shows the side nipple pilot holes for when a grease nipple is desired for a product with LaCS or a QZ Lubricator.

In all cases other than those indicated above, the side nipple pilot holes will not be through holes.

For grease nipple mount machining, contact THK. (See [A1-436](#))

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