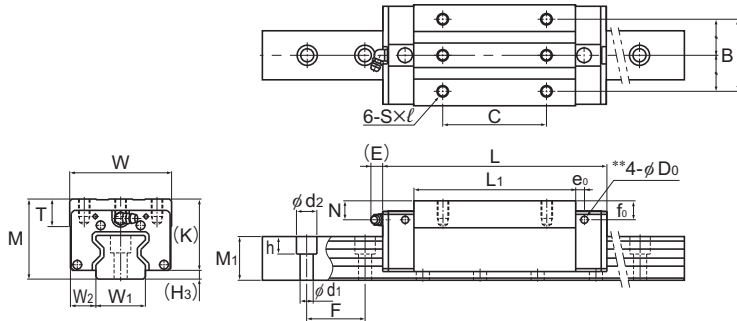


# Models SRG-R, SRG-LR, SRG-SLR, SRG-V, SRG-LV, and SRG-SLV



Models SRG55R/LR and 65V/LV

Model No.	Outer dimensions			LM block dimensions															Grease nipple
	Height	Width	Length	B	C	S	$\ell$	$\ell_1$	$\ell_2$	L <sub>1</sub>	T	K	N	E	e <sub>0</sub>	f <sub>0</sub>	D <sub>0</sub>		
	M	W	L																
SRG 55R SRG 55GR	80	100	185	75	75	M12	18	—	—	129.2	27.5	70	22	16	9	18.5	5.2	B-PT1/8	
SRG 55LR SRG 55GLR	80	100	235	75	95	M12	18	—	—	179.2	27.5	70	22	16	9	18.5	5.2	B-PT1/8	
SRG 55SLR SRG 55GSLR	80	100	292	75	150	M12	18	—	—	236.2	27.5	70	22	16	9	18.5	5.2	B-PT1/8	
SRG 65V SRG 65GV	90	126	244.9	76	70	M16	20	—	—	171.7	19.5	78.5	17	16	9	13.5	5.2	B-PT1/8	
SRG 65LV SRG 65GLV	90	126	303	76	120	M16	20	—	—	229.8	19.5	78.5	17	16	9	13.5	5.2	B-PT1/8	
SRG 65SLV SRG 65GSLV	90	126	380	76	200	M16	20	—	—	306.8	19.5	78.5	17	16	9	13.5	5.2	B-PT1/8	

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

## Model number coding

**SRG65 LV 2 QZ TTHH C0 +1270L P Z T -II**

Model number

Type of LM block

With QZ Lubricator

Contamination protection accessory symbol (\*1)

LM rail length (in mm)

With plate cover

Symbol for No. of rails used on the same plane (\*4)

No. of LM blocks used on the same rail

Radial clearance symbol (\*2)

Normal (No symbol)

Light preload (C1)

Medium preload (C0)

Accuracy symbol (\*3)

High accuracy grade (H)/Precision grade (P)

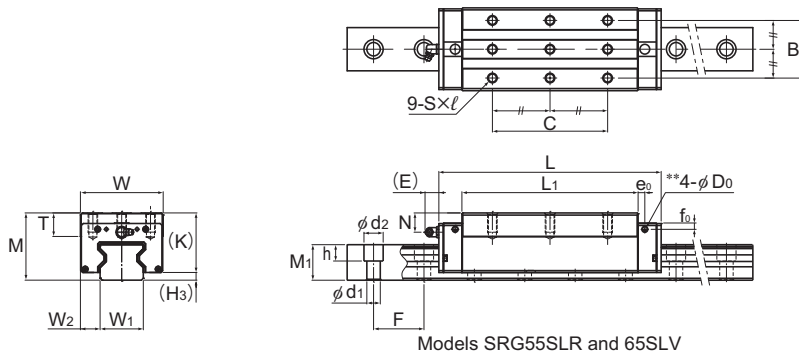
Super precision grade (SP)/Ultra precision grade (UP)

Symbol for LM rail jointed use

(\*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 SRG55SLR and 65SLV

Unit: mm

H <sub>3</sub>	LM rail dimensions							Basic load rating*		Static permissible moment kN·m*					Mass	
	W <sub>1</sub> 0 -0.05	W <sub>2</sub>	M <sub>1</sub>	F	d <sub>1</sub> × d <sub>2</sub> × h	Length* Max	C	C <sub>0</sub>	M <sub>A</sub>		M <sub>B</sub>		M <sub>C</sub>	LM block kg	LM rail kg/m	
									1 block	Double blocks	1 block	Double blocks				
10	53	23.5	43	60	16×23×20	3060	131 125	266 300	5.82 6.5	33 37.2	5.82 6.5	33 37.2	8.19 9.55	5	15.8	
10	53	23.5	43	60	16×23×20	3060	167 160	366 411	10.8 12.1	57 64	10.8 12.1	57 64	11.2 13.1	6.9	15.8	
10	53	23.5	43	60	16×23×20	3060	210 199	488 544	19.1 21	93.7 104	19.1 21	93.7 104	15.6 17.3	9.2	15.8	
11.5	63	31.5	54	75	18×26×22	3000	219 214	441 511	12.5 14.8	72.8 83.8	12.5 14.8	72.8 83.8	16.8 19.4	9	23.7	
11.5	63	31.5	54	75	18×26×22	3000	278 264	599 670	22.7 25.3	120 135	22.7 25.3	120 135	22.1 25.5	12.1	23.7	
11.5	63	31.5	54	75	18×26×22	3000	352 332	811 899	41.3 45.2	202 224	41.3 45.2	202 224	30.9 25.6	16.1	23.7	

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 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.

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

C<sub>50</sub> : The basic dynamic load rating for a nominal load of 50 km

C : The basic dynamic load rating in the dimensional table