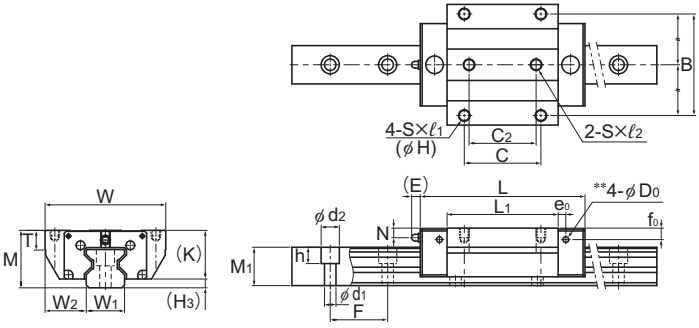
Models SRG-A, SRG-LA, SRG-C, and SRG-LC



Models SRG15X and 20X A/LA

Model No.	Outer dimensions			LM block dimensions															Grease nipple
	Height M	Width W	Length 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 15XA SRG 15XGA	24	47	69.2	38	30	26	M5	(4.3)	8	7.5	45	7	(8)	20	4	4.5	4	6	2.9	PB107
SRG 20XA SRG 20XGA	30	63	86.2	53	40	35	M6	(5.4)	10	9	58	10	(10)	25.4	5	4.5	4	6	2.9	PB107
SRG 20XLA SRG 20XGLA	30	63	106.2	53	40	35	M6	(5.4)	10	9	78	10	(10)	25.4	5	4.5	4	6	2.9	PB107
SRG 25XC SRG 25XGC	36	70	95.1	57	45	40	M8	6.8	—	—	65.5	9.5	10	31.5	5.5	12	6	7.3	5.2	B-M6F
SRG 25XLC SRG 25XGLC	36	70	115.1	57	45	40	M8	6.8	—	—	85.5	9.5	10	31.5	5.5	12	6	7.3	5.2	B-M6F
SRG 30XC SRG 30XGC	42	90	111	72	52	44	M10	8.5	—	—	75	12	14	37	6.5	12	6	7.5	5.2	B-M6F
SRG 30XLC SRG 30XGLC	42	90	135	72	52	44	M10	8.5	—	—	99	12	14	37	6.5	12	6	7.5	5.2	B-M6F

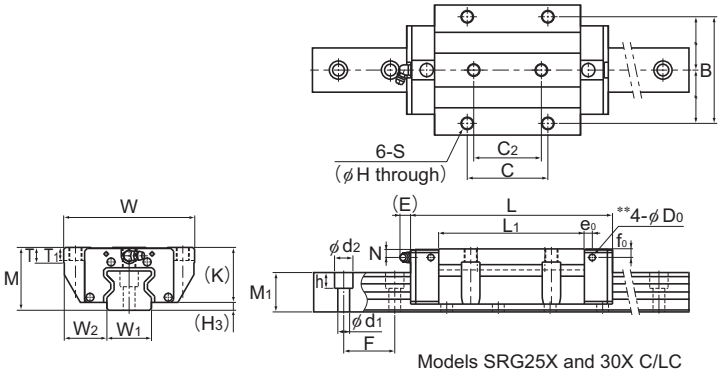
Note) The SRG-G is equipped with uncaged, full-complement bearings.

Model number coding

SRG30X LC 2 QZ TTHH C0 +1240L P Z T -II

- SRG30X: Model number
- LC: Type of LM block
- 2: No. of LM blocks used on the same rail
- QZ: With QZ Lubricator
- TTHH: Contamination protection accessory symbol
- C0: Radial clearance symbol — Normal (No symbol), Light preload (C1), Medium preload (C0)
- +1240L: LM rail length (in mm)
- P: Accuracy symbol — High accuracy grade (H)/Precision grade (P), Super precision grade (SP)/Ultra precision grade (UP)
- Z: With plate cover
- T: Symbol for LM rail jointed use
- -II: Symbol for No. of rails used on the same plane

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 SRG25X and 30X C/LC

Unit: mm

		LM rail dimensions						Basic load rating*		Static permissible moment kN·m*					Mass	
		Width		Height	Pitch		Length*	C	C0	MA		MB		MC	LM block	LM rail
	H3	W1 0 -0.05	W2	M1	F	d1×d2×h	Max	kN	kN	1 block	Double blocks	1 block	Double blocks	1 block	kg	kg/m
	4	15	16	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	0.2	1.58
	4.6	20	21.5	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	0.42	2.58
	4.6	20	21.5	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	0.57	2.58
	4.5	23	23.5	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	0.7	3.6
	4.5	23	23.5	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	0.9	3.6
	5	28	31	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	1.2	4.4
	5	28	31	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	1.6	4.4

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. (See **A1-438**)
Note2) H*, T1* If the mounting holes (4 holes) of the LM block are machined with an inverted counterbore, these models can be mounted on the table from the top and the bottom as with the Model SRG-C.
The value in the parentheses represents a dimension if the mounting hole is machined with an inverted counterbore.
Contact THK for details.
Note3) 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_{50} : The basic dynamic load rating for a nominal load of 50 km
C : The basic dynamic load rating in the dimensional table

Options⇒A1-505