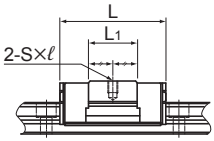
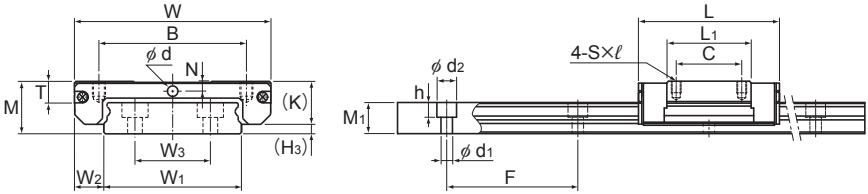
Models SRS-WS, SRS-WM, and SRS-WN



Model SRS15WS



Model SRS15WM/WN

Model No.	Outer dimensions			LM block dimensions										
	Height M	Width W	Length L	B	C	S×ℓ	L_1	T	K	N	E	Lubrication hole d	Grease nipple	H_3
SRS 15WS SRS 15WGS	16	60	41.5	45	—	M4×4.5	24.9	6.5	13.3	3	— 4	3 —	— PB107	2.7
SRS 15WM SRS 15WGM	16	60	55.5	45	20	M4×4.5	38.9	6.5	13.3	3	— 4	3 —	— PB107	2.7
SRS 15WN SRS 15WGN	16	60	74.5	45	35	M4×4.5	57.9	6.5	13.3	3	— 4	3 —	— PB107	2.7

Note) Since stainless steel is used in the LM block, LM rail and balls, these models are highly resistant to corrosion and environment.
The SRS-G is equipped with uncaged, full-complement bearings.
For the SRS15WS/WM/WN, if a grease nipple is required, please specify upon ordering.
Using a lubrication hole other than for greasing may cause damage.

Model number coding

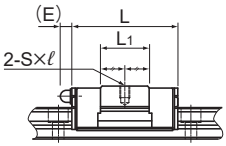
2 SRS15WM QZ UU C1 +550L P M -Ⅱ

- 2: No. of LM blocks used on the same rail (*1)
- SRS15WM: Model No.
- QZ: With QZ Lubricator
- UU: Contamination protection accessory symbol (*2)
- C1: Radial clearance symbol (*3) Normal (No symbol)/ Light preload (C1)
- +550L: LM rail length (in mm)
- P: Accuracy symbol (*4) Normal grade (No Symbol)/High accuracy grade (H) Precision grade (P)
- M: Stainless steel LM rail
- -Ⅱ: Symbol for No. of rails used on the same plane (*5)

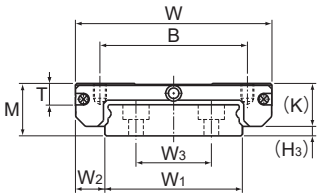
(*1) No symbol for 1 LM block. (*2) See A1-543.
(*3) See A1-73. (*4) See A1-85. (*5) See A1-13.

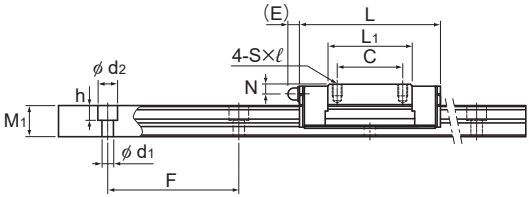
Note) This model number indicates that a single-rail unit constitutes one set. (i.e., required number of sets when 2 rails are used in parallel is 2 at a minimum.)
Those models equipped with QZ Lubricator cannot have a grease nipple. When desiring a grease nipple for a model attached with QZ, contact THK.

Download data by searching for the corresponding model number on the Technical Support site. https://tech.thk.com



Model SRS15WGS





Model SRS15WGM/WGN

Unit: mm

	LM rail dimensions							Basic load rating		Static permissible moment N·m*					Mass	
	Width			Height	Pitch		Length*	C	C_0	M_A		M_B		M_C	LM block	LM rail
	W_1 $^{0}_{-0.02}$	W_2	W_3	M_1	F	$d_1 \times d_2 \times h$	Max	kN	kN	1 block	Double blocks	1 block	Double blocks	1 block	kg	kg/m
	42	9	23	9.5	40	4.5×8×4.5	2000	6.64 5.59	5.94 6.78	25.4 29	158 178	25.4 29	158 178	123 140	0.087	2.87
	42	9	23	9.5	40	4.5×8×4.5	2000	9.12 7.43	8.55 8.59	51.2 52.7	290 293	51.2 52.7	290 293	176 178	0.13	2.87
	42	9	23	9.5	40	4.5×8×4.5	2000	12.4 9.87	12.1 15.3	106 133	532 671	106 133	532 671	250 317	0.201	2.87

Note) The maximum length under "Length * " indicates the standard maximum length of an LM rail. (See A**1-164**.)
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
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 A**1-517** or A**1-539**)

Options⇒A**1-503**