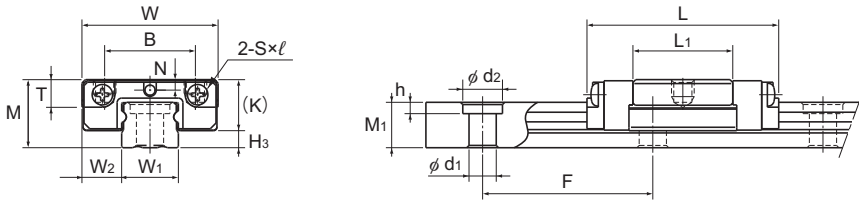


Models SRS5M, SRS5N, SRS5WM, SRS5WN



Models SRS5M, SRS5N

Model No.	Outer dimensions			LM block dimensions							H ₃
	Height	Width	Length	B	C	S × l	L ₁	T	K	N	
	M	W	L								
SRS 5M SRS 5GM	6	12	16.9	8	—	M2 × 1.5	8.8	1.7	4.5	0.93	1.5
SRS 5N SRS 5GN	6	12	20.1	8	—	M2 × 1.5	12	1.7	4.5	0.93	1.5
SRS 5WM SRS 5WGM	6.5	17	22.1	—	6.5	M3 through	13.7	2.7	5	1.1	1.5
SRS 5WN SRS 5WGN	6.5	17	28.1	—	11	M3 through	19.7	2.7	5	1.1	1.5

Note) Since stainless steel is used in the LM block, LM rail and balls, these models are highly resistant to corrosion.

To secure the LM rail of model SRS5M, use cross-recessed head screws for precision equipment (No. 0 pan head screw, class 1) M2.

The SRS-G is equipped with uncaged, full-complement bearings.

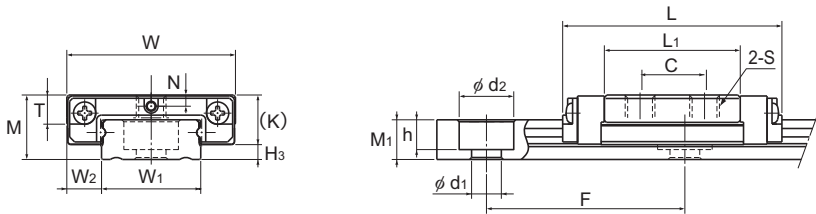
The balls will fall out of the LM block if it is removed from the LM rail.

Model number coding

2	SRS5WM	UU	C1	+150L	P	M	- II
No. of LM blocks used on the same rail	Model number	Contamination protection accessory symbol (*1)	Radial clearance symbol (*2) Normal (No symbol) Light preload (C1)	LM rail length (in mm)	Accuracy symbol (*3) Normal grade (No Symbol)/Precision grade (P)	Stainless steel LM rail	Symbol for No. of rails used on the same plane (*4)

(*1) See contamination protection accessory on **A1-494**. (*2) See **A1-70**. (*3) See **A1-82**. (*4) See **A1-13**.

Note) This model number indicates that a single-rail unit constitutes one set. (i.e. If you are using 2 shafts in parallel, the required number of sets is 2.)



Models SRS5WM, SRS5WN

Unit: mm

	LM rail dimensions						Basic Load Rating		Static permissible moment N•m*					Mass	
	Width	Height	Pitch	Length*	$d_1 \times d_2 \times h$	C	C_0	M_A		M_B		M_C	LM block	LM rail	
								1 block	Double blocks	1 block	Double blocks	1 block			
	W_1	W_2	M_1	F	Max	N	N					kg	kg/m		
5	$\begin{matrix} 0 \\ -0.02 \end{matrix}$	3.5	4	15	$2.4 \times 3.5 \times 1$	220	439 366	468 527	0.74 0.79	5.11 5.76	0.86 0.94	5.99 6.91	1.21 1.37	0.002	0.13
5	$\begin{matrix} 0 \\ -0.02 \end{matrix}$	3.5	4	15	$2.4 \times 3.5 \times 1$	220	515 448	586 703	1.12 1.34	7.45 8.82	1.31 1.57	8.73 10.3	1.52 1.83	0.003	0.13
10	$\begin{matrix} 0 \\ -0.02 \end{matrix}$	3.5	4	20	$3 \times 5.5 \times 3$	220	584 498	703 820	1.57 1.79	9.59 11.1	1.83 2.15	11.24 13.3	3.58 4.18	0.005	0.27
10	$\begin{matrix} 0 \\ -0.02 \end{matrix}$	3.5	4	20	$3 \times 5.5 \times 3$	220	746 640	996 1170	3.01 3.54	16.8 19.6	3.53 4.15	19.7 23	5.08 5.97	0.007	0.27

Note) The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See **A1-160**.)

Static Permissible Moment*

1 block: Static permissible moment value with 1 LM block

Double blocks: static permissible moment value with 2 blocks closely contacting with each other

The SRS-G, equipped with uncaged, full-complement bearings, comes with an oil hole.

- Reference bolt tightening torque when mounting an LM block for model SRS 5/5W is shown in the table below.

Reference tightening torque

Model No.	Model No. of screw	Screw depth (mm)	Reference tightening torque (N•m)*
SRS 5	M2	1.5	0.4
SRS 5W	M3	2.3	0.4

* Tightening above the tightening torque affects accuracy.
Be sure to tighten at or below the defined tightening torque.