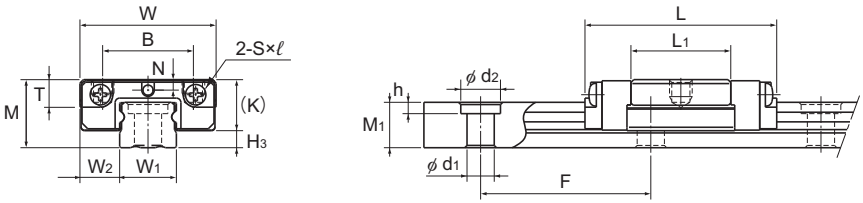
Models SRS5M, SRS5WM



SRS5M

Model No.	Outer dimensions			LM block dimensions							
	Height	Width	Length								
	M	W	L	B	C	S×ℓ	L_1	T	K	N	H_3
SRS 5M	6	12	16.9	8	—	M2×1.5	8.8	1.7	4.5	0.93	1.5
SRS 5WM	6.5	17	22.1	—	6.5	M3 through	13.7	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.

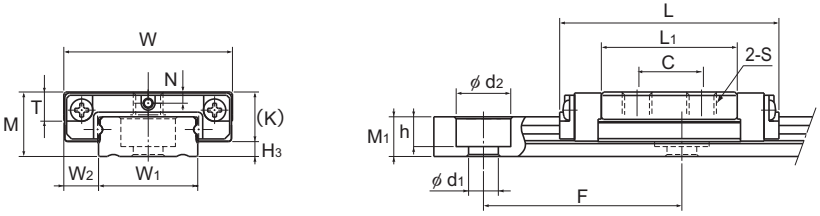
Model number coding

2 SRS5WM UU C1 +150L P M -II

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

(*1) See contamination protection accessory on **A1-510**. (*2) See **A1-70**. (*3) See **A1-83**. (*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.)



SRS5WM

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	W_2	M_1	F	$d_1 \times d_2 \times h$	Max	N	N	1 block	Double blocks	1 block	Double blocks	1 block	kg	kg/m
5	$^{0}_{-0.02}$	3.5	4	15	2.4×3.5×1	200	439	468	0.74	5.11	0.86	5.99	1.21	0.002	0.13
10	$^{0}_{-0.02}$	3.5	4	20	3×5.5×3	200	584	703	1.57	9.59	1.83	11.24	3.58	0.005	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

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

Reference tightening torque

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

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

Options⇒A1-473