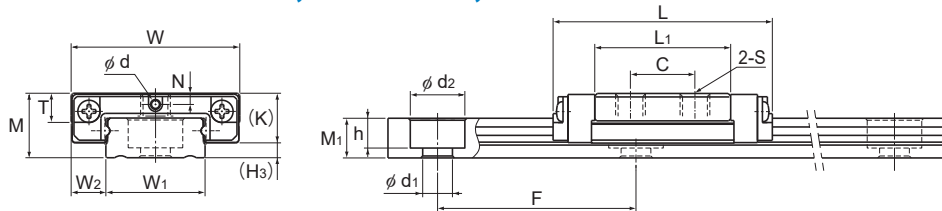


Models SRS-WS, SRS-WM, and SRS-WN



Models SRS5WM/WW

Model No.	Outer dimensions			LM block dimensions								H ₃
	Height	Width	Length								Lubrication hole	
	M	W	L	B	C	S×ℓ	L ₁	T	K	N	d	
SRS 5WM	6.5	17	22.1	—	6.5	M3 through	13.7	2.7	5	1.1	0.8	1.5
SRS 5WGM	6.5	17	28.1	—	11	M3 through	19.7	2.7	5	1.1	0.8	1.5
SRS 7WS	9	25	22.5	19	—	M3×2.8	11.9	3.8	7.2	1.8	1.2	1.8
SRS 7WGS	9	25	31	19	10	M3×2.8	20.4	3.8	7.2	1.8	1.2	1.8
SRS 7WN	9	25	40.9	19	17	M3×2.8	30.3	3.8	7.2	1.8	1.2	1.8
SRS 7WGN	9	25	40.9	19	17	M3×2.8	30.3	3.8	7.2	1.8	1.2	1.8
SRS 9WS	12	30	26.5	21	—	M3×2.8	14.5	4.9	9.1	2.3	1.6	2.9
SRS 9WGS	12	30	39	21	12	M3×2.8	27	4.9	9.1	2.3	1.6	2.9
SRS 9WM	12	30	50.7	23	24	M3×2.8	38.7	4.9	9.1	2.3	1.6	2.9
SRS 9WGM	12	30	50.7	23	24	M3×2.8	38.7	4.9	9.1	2.3	1.6	2.9
SRS 9WN	12	30	50.7	23	24	M3×2.8	38.7	4.9	9.1	2.3	1.6	2.9
SRS 9WGN	12	30	50.7	23	24	M3×2.8	38.7	4.9	9.1	2.3	1.6	2.9
SRS 12WS	14	40	30.5	28	—	M3×3.5	16.9	5.7	11	3	2	3
SRS 12WGS	14	40	44.5	28	15	M3×3.5	30.9	5.7	11	3	2	3
SRS 12WM	14	40	59.5	28	28	M3×3.5	45.9	5.7	11	3	2	3
SRS 12WGM	14	40	59.5	28	28	M3×3.5	45.9	5.7	11	3	2	3
SRS 12WN	14	40	59.5	28	28	M3×3.5	45.9	5.7	11	3	2	3
SRS 12WGN	14	40	59.5	28	28	M3×3.5	45.9	5.7	11	3	2	3

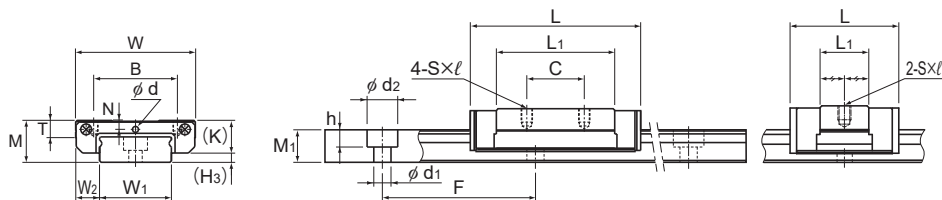
Note) Since stainless steel is used in the LM block, LM rail and balls, these models are highly resistant to corrosion and environment. The SRS-G is a cageless, Full-Ball type.

Using a lubrication hole other than for greasing may cause damage.

Model number coding

2	SRS12WM	QZ	UU	C1	+470L	P	M	-II
No. of LM blocks used on the same rail	Model No.	With QZ Lubricator	Contamination protection accessory symbol	LM rail length (in mm)	Radial clearance symbol Normal (No symbol)/ Light preload (C1)	Accuracy symbol Normal grade (No Symbol)/ High accuracy grade (H) Precision grade (P)	Stainless steel LM rail	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. No symbol for single LM block. See **A1-545** for contamination protection accessories. See **A1-73** for radial clearance symbol. See **A1-85** for accuracy symbol. See **A1-13** for symbol for number of rails used on the same plane.



Models SRS7 to 12WM/WN

Models SRS7 to 12WS
Unit: mm

	LM rail dimensions							Basic load rating		Static permissible moment N·m*					Mass	
	Width W₁ 0 -0.02	W ₂	W ₃	Height M ₁	Pitch F	Length* d ₁ × d ₂ × h Max	C kN	C ₀ kN	M_A		M_B		M_C	LM block kg	LM rail kg/m	
									1 block	Double blocks	1 block	Double blocks	1 block			
10	3.5	—	4	20	3 × 5.5 × 3	220	0.584 0.498	0.703 0.82	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	3.5	—	4	20	3 × 5.5 × 3	220	0.746 0.64	0.996 1.17	3.01 3.54	16.8 19.6	3.53 4.15	19.7 23	5.08 5.97	0.007	0.27	
14	5.5	—	5.2	30	3.5 × 6 × 3.2	480	1.38 1.06	1.35 1.35	2.89 2.58	19.6 20.0	3.32 2.96	22.7 23.1	9.95 9.95	0.011	0.56	
14	5.5	—	5.2	30	3.5 × 6 × 3.2	480	2.01 1.63	1.94 2.51	6.47 8.87	36.4 51.5	7.71 10.2	42.3 59.5	14.33 20.3	0.018	0.56	
14	5.5	—	5.2	30	3.5 × 6 × 3.2	480	2.56 2.12	3.28 3.66	15.0 16.6	78.9 87.7	17.4 19.2	91.2 101	24.2 27	0.026	0.56	
18	6	—	7.5	30	3.5 × 6 × 4.5	1430	2.03 1.73	1.84 2.14	4.49 5.15	32.1 36.9	5.15 5.92	38.9 42.6	17.4 20.2	0.018	1.01	
18	6	—	7.5	30	3.5 × 6 × 4.5	1430	3.29 2.67	3.34 3.35	14.0 13.9	78.6 69.7	16.2 16.6	91.0 96.7	31.5 31.7	0.031	1.01	
18	6	—	7.5	30	3.5 × 6 × 4.5	1430	4.20 3.48	4.37 5.81	25.1 33.2	130 172	29.1 40	151 208	41.3 54.9	0.049	1.01	
24	8	—	8.5	40	4.5 × 8 × 4.5	2000	3.58 3.05	3.15 3.68	9.77 11.1	63 72.6	9.77 11.1	63 72.6	39.5 46.2	0.034	1.52	
24	8	—	8.5	40	4.5 × 8 × 4.5	2000	5.48 4.46	5.3 5.32	26.4 25.7	143 146	26.4 25.7	143 146	66.5 66.8	0.055	1.52	
24	8	—	8.5	40	4.5 × 8 × 4.5	2000	7.13 5.93	7.07 9.46	49.2 64.7	249 332	49.2 64.7	249 332	88.7 119	0.091	1.52	

Note1) The maximum length under "Length * " indicates the standard maximum length of an LM rail. (See **A1-164.**)

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 **A1-519** or **A1-541**)

For the SRS5WM/WN LM Guide, the balls will fall out of the block if it is removed from the rail.

Note2) The basic load rating in the dimension table is for a load in the radial direction. Use Table 7 on **A1-61** to calculate the load rating for loads in the reverse radial direction or lateral direction.