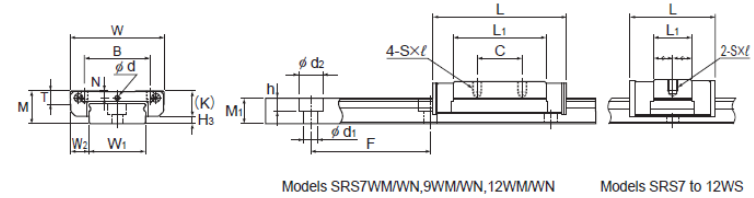
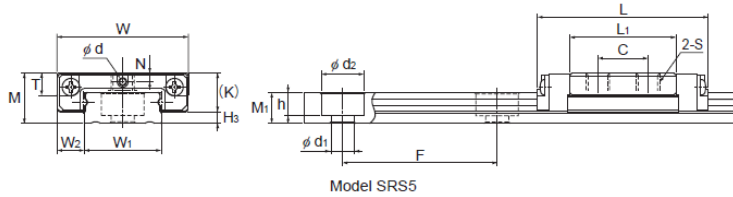


Model SRS-WS, SRS-WM i SRS-WN



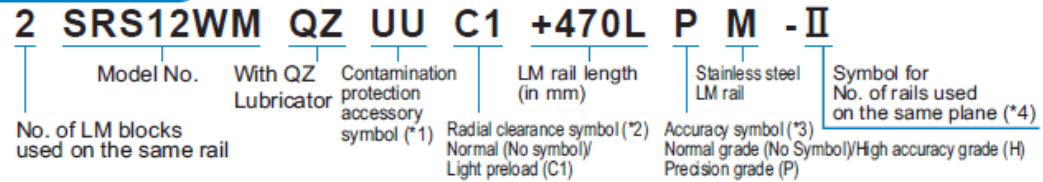
Unit: mm

Model No.	Outer dimensions			LM block dimensions								Greasing hole	LM rail dimensions						Basic load rating		Static permissible moment N-m*					Mass					
	Height	Width	Length	B	C	S×ℓ	L <sub>1</sub>	T	K	N	d		H <sub>b</sub>	Width	W <sub>1</sub>	W <sub>2</sub>	W <sub>3</sub>	M <sub>1</sub>	Pitch	F	d <sub>1</sub> ×d <sub>2</sub> ×h	Length*	C	C <sub>0</sub>	M <sub>k</sub>		M <sub>b</sub>		M <sub>c</sub>	LM block	LM rail
																									1 block	Double blocks	1 block	Double blocks	1 block		
SRS 5WM SRS 5WGM	6.5	17	22.1	—	6.5	M3 through	13.7	2.7	5	1.1	0.8	1.5	10 <sup>0</sup> <sub>-0.02</sub>	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			
SRS 5WN SRS 5WGN	6.5	17	28.1	—	11	M3 through	19.7	2.7	5	1.1	0.8	1.5	10 <sup>0</sup> <sub>-0.02</sub>	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			
SRS 7WS SRS 7WGS	9	25	22.5	19	—	M3×2.8	11.9	3.8	7.2	1.8	1.2	1.8	14 <sup>0</sup> <sub>-0.02</sub>	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			
SRS 7WM SRS 7WGM	9	25	31	19	10	M3×2.8	20.4	3.8	7.2	1.8	1.2	1.8	14 <sup>0</sup> <sub>-0.02</sub>	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			
SRS 7WN SRS 7WGN	9	25	40.9	19	17	M3×2.8	30.3	3.8	7.2	1.8	1.2	1.8	14 <sup>0</sup> <sub>-0.02</sub>	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			
SRS 9WS SRS 9WGS	12	30	26.5	21	—	M3×2.8	14.5	4.9	9.1	2.3	1.6	2.9	18 <sup>0</sup> <sub>-0.02</sub>	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			
SRS 9WM SRS 9WGM	12	30	39	21	12	M3×2.8	27	4.9	9.1	2.3	1.6	2.9	18 <sup>0</sup> <sub>-0.02</sub>	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			
SRS 9WN SRS 9WGN	12	30	50.7	23	24	M3×2.8	38.7	4.9	9.1	2.3	1.6	2.9	18 <sup>0</sup> <sub>-0.02</sub>	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			
SRS 12WS SRS 12WGS	14	40	30.5	28	—	M3×3.5	16.9	5.7	11	3	2	3	24 <sup>0</sup> <sub>-0.02</sub>	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			
SRS 12WM SRS 12WGM	14	40	44.5	28	15	M3×3.5	30.9	5.7	11	3	2	3	24 <sup>0</sup> <sub>-0.02</sub>	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			
SRS 12WN SRS 12WGN	14	40	59.5	28	28	M3×3.5	45.9	5.7	11	3	2	3	24 <sup>0</sup> <sub>-0.02</sub>	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			

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

Note) The maximum length under "Length \* " indicates the standard maximum length of an LM rail. (See ■1-160.)  
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  
For the SRS5WM and SRS5WN, the balls will fall out of the block if it is removed from the rail.

**Model number coding**



(\*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., 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.

- Reference bolt tightening torque when mounting an LM block for model SRS 5 and 7W are shown in the table below.

Reference tightening torque

Model No.	Model No. of screw	Screw depth (mm)	Reference tightening torque(N-m)*
SRS 5W	M3	2.3	0.4
SRS 7W	M3	2.8	0.4

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