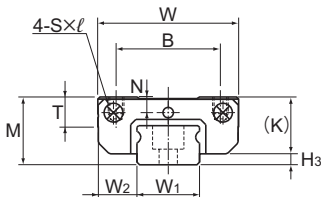


## Models SRS-S, SRS-M and SRS-N



Model No.	Outer dimensions			LM block dimensions							H <sub>3</sub>
	Height	Width	Length	B	C	S × l	L <sub>1</sub>	T	K	N	
	M	W	L								
SRS 7S SRS 7GS	8	17	19	12	—	M2 × 2.3	9	3.3	6.7	1.6	1.3
SRS 7M SRS 7GM	8	17	23.4	12	8	M2 × 2.3	13.4	3.3	6.7	1.6	1.3
SRS 7N SRS 7GN	8	17	31	12	13	M2 × 2.3	21	3.3	6.7	1.6	1.3
SRS 9XS SRS 9XGS	10	20	21.5	15	—	M3 × 2.8	10.5	4.5	8.5	2.4	1.5
SRS 9XM SRS 9XGM	10	20	30.8	15	10	M3 × 2.8	19.8	4.5	8.5	2.4	1.5
SRS 9XN SRS 9XGN	10	20	40.8	15	16	M3 × 2.8	29.8	4.5	8.5	2.4	1.5
SRS 12S SRS 12GS	13	27	25	20	—	M3 × 3.2	11.2	5.7	11	3	2
SRS 12M SRS 12GM	13	27	34.4	20	15	M3 × 3.2	20.6	5.7	11	3	2
SRS 12N SRS 12GN	13	27	47.1	20	20	M3 × 3.2	33.3	5.7	11	3	2
SRS 15S SRS 15GS	16	32	32	25	—	M3 × 3.5	14.7	6.5	13.3	3	2.7
SRS 15M SRS 15GM	16	32	43	25	20	M3 × 3.5	25.7	6.5	13.3	3	2.7
SRS 15N SRS 15GN	16	32	60.8	25	25	M3 × 3.5	43.5	6.5	13.3	3	2.7
SRS 20M SRS 20GM	20	40	50	30	25	M4 × 6	34	9	16.6	4	3.4
SRS 25M SRS 25GM	25	48	77	35	35	M6 × 7	56	11	20	5	5

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.

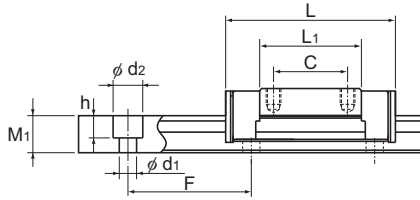
### Model number coding

<b>2</b>	<b>SRS20M</b>	<b>QZ</b>	<b>UU</b>	<b>C1</b>	<b>+220L</b>	<b>P</b>	<b>M</b>	<b>-II</b>
Model number	With QZ Lubricator	Contamination protection accessory symbol (*1)	LM rail length (in mm)	Stainless steel LM rail	Symbol for No. of rails used on the same plane (*4)			
No. of LM blocks used on the same rail		Radial clearance symbol (*2) Normal (No symbol)/Light preload (C1)		Accuracy symbol (*3) Normal grade (No Symbol)/High accuracy grade (H) Precision grade (P)				

(\*1) See contamination protection accessory on **A1-492**. (\*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.



Unit: mm

	LM rail dimensions						Basic load rating		Static permissible moment N·m*					Mass	
	Width	Height	Pitch	Length*	C	C <sub>0</sub>	M <sub>A</sub>		M <sub>B</sub>		M <sub>C</sub>	LM block	LM rail		
							1 block	Double blocks	1 block	Double blocks	1 block			kg	kg/m
7 <sup>0</sup> <sub>-0.02</sub>	5	4.7	15	2.4×4.2×2.3	480	1.09 0.946	0.964 1.16	1.60 1.96	12.6 14.7	1.83 2.25	14.5 16.9	3.73 4.49	0.005	0.25	
7 <sup>0</sup> <sub>-0.02</sub>	5	4.7	15	2.4×4.2×2.3	480	1.51 1.16	1.29 1.54	3.09 3.61	17.2 25.5	3.69 4.14	17.3 29.4	5.02 6.57	0.009	0.25	
7 <sup>0</sup> <sub>-0.02</sub>	5	4.7	15	2.4×4.2×2.3	480	2.01 1.63	2.31 2.51	7.77 8.08	43.2 46.9	8.96 9.32	50.0 54.2	8.96 9.72	0.012	0.25	
9 <sup>0</sup> <sub>-0.02</sub>	5.5	5.5	20	3.5×6×3.3	1240	1.78 1.37	1.53 1.53	3.15 2.85	22.2 22.6	3.61 3.27	25.6 26	7.04 7.04	0.009	0.36	
9 <sup>0</sup> <sub>-0.02</sub>	5.5	5.5	20	3.5×6×3.3	1240	2.69 2.22	2.75 3.06	9.31 9.87	52.2 57.9	10.7 11.4	60.3 66.9	12.7 14.1	0.016	0.36	
9 <sup>0</sup> <sub>-0.02</sub>	5.5	5.5	20	3.5×6×3.3	1240	3.48 2.94	3.98 4.59	18.7 21.1	96.5 111	21.6 24.4	112 118	18.3 21.1	0.024	0.36	
12 <sup>0</sup> <sub>-0.02</sub>	7.5	7.5	25	3.5×6×4.5	1430	2.70 2.07	2.10 2.10	4.62 4.17	37.5 38.1	4.62 4.17	37.5 38.1	13.8 13.8	0.017	0.65	
12 <sup>0</sup> <sub>-0.02</sub>	7.5	7.5	25	3.5×6×4.5	1430	4.00 3.36	3.53 3.55	12.0 12.1	78.5 79.0	12.0 12.1	78.5 79.0	23.1 23.2	0.027	0.65	
12 <sup>0</sup> <sub>-0.02</sub>	7.5	7.5	25	3.5×6×4.5	1430	5.82 4.72	5.30 6.83	28.4 34.8	151 195	28.4 34.8	151 195	34.7 44.7	0.049	0.65	
15 <sup>0</sup> <sub>-0.02</sub>	8.5	9.5	40	3.5×6×4.5	1600	4.50 4.01	3.39 4.24	9.54 12.6	77.5 92.7	9.54 12.6	77.5 92.7	24.1 30.1	0.033	0.96	
15 <sup>0</sup> <sub>-0.02</sub>	8.5	9.5	40	3.5×6×4.5	1600	6.66 5.59	5.7 5.72	26.2 24.8	154 158	26.2 24.8	154 158	40.4 40.6	0.047	0.96	
15 <sup>0</sup> <sub>-0.02</sub>	8.5	9.5	40	3.5×6×4.5	1600	9.71 8.27	8.55 11.9	59.7 82.3	312 433	59.7 82.3	312 433	60.7 84.5	0.095	0.96	
20 <sup>0</sup> <sub>-0.03</sub>	10	11	60	6×9.5×8	1800	7.75 5.95	9.77 9.4	54.3 44.7	296 242	62.4 53.3	349 281	104 91.4	0.11	1.68	
23 <sup>0</sup> <sub>-0.03</sub>	12.5	15	60	7×11×9	1800	16.5 13.3	20.2 22.3	177 181	932 962	177 181	932 962	248 255	0.24	2.6	

Note) If a grease nipple is required, please specify "with grease nipple" when ordering. (This option is available for models SRS15, SRS15W, SRS20, and SRS25.)

If an oil hole is desired, please specify "with oil hole" when ordering. (This option is available for models SRS7, SRS7W, SRS9W, SRS12, and SRS12W.)

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

The maximum length under "Length\*" indicates the standard maximum length of an LM rail. (See [A1-162](#).)

Static permissible moment\* 1 block: static permissible moment value with 1 LMblock

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 7 is shown in the table below.

Reference tightening torque

Model No.	Model No. of screw	Screw depth (mm)	Reference tightening torque (N·m)*
SRS 7	M2	2.3	0.4

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