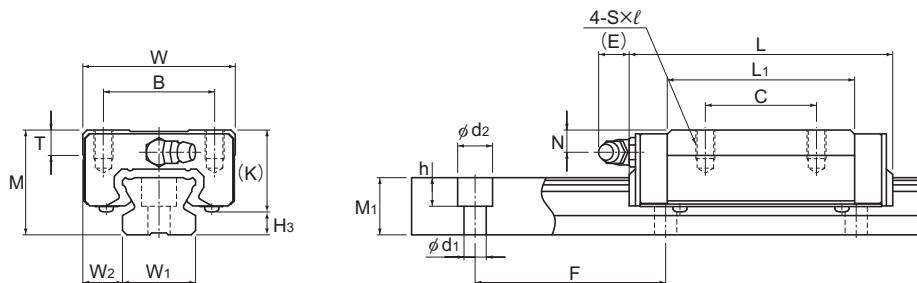


## Models SR-M1W and SR-M1V



Model SR-M1W

Model No.	Outer dimensions			LM block dimensions									Grease nipple	H <sub>3</sub>
	Height	Width	Length	B	C	S × ℓ	L <sub>1</sub>	T	K	N	E			
	M	W	L	B	C	S × ℓ	L <sub>1</sub>	T	K	N	E		H <sub>3</sub>	
SR 15M1V SR 15M1W	24	34	40.4 57	26	— 26	M4 × 7	22.9 39.5	6	19.5	6	5.5	PB1021B	4.5	
SR 20M1V SR 20M1W	28	42	47.3 66.2	32	— 32	M5 × 8	27.8 46.7	7.5	22	6	12	B-M6F	6	
SR 25M1V SR 25M1W	33	48	59.2 83	35	— 35	M6 × 9	35.2 59	8	26	7	12	B-M6F	7	
SR 30M1V SR 30M1W	42	60	67.9 96.8	40	— 40	M8 × 12	40.4 69.3	9	32.5	8	12	B-M6F	9.5	
SR 35M1V SR 35M1W	48	70	77.6 111	50	— 50	M8 × 12	45.7 79	13	36.5	8.5	12	B-M6F	11.5	

### Model number coding

**SR30 M1 W 2 UU C0 +1160L Y P T - II**

Model number

Type of LM block

Contamination protection accessory symbol (\*1)

LM rail length (in mm)

Applied to only 15 and 25

Symbol for LM rail jointed use

Symbol for No. of rails used on the same plane (\*4)

Symbol for high temperature type LM Guide

No. of LM blocks used on the same rail

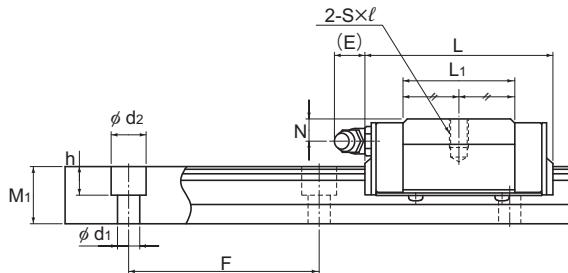
Radial clearance symbol (\*2)  
Normal (No symbol)  
Light preload (C1)  
Medium preload (C0)

Accuracy symbol (\*3)

Normal grade (No Symbol)/High accuracy grade (H)  
Precision grade (P)/Super precision grade (SP)  
Ultra precision grade (UP)

(\*1) See contamination protection accessory on **A1-510**. (\*2) See **A1-71**. (\*3) See **A1-77**. (\*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.)



Model SR-M1V

Unit: mm

	LM rail dimensions					Basic load rating		Static permissible moment kN-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		
	W <sub>1</sub> ±0.05	W <sub>2</sub>	M <sub>1</sub>				F	d <sub>1</sub> × d <sub>2</sub> × h	Max	kN	kN	1 block	Double blocks	1 block	Double blocks
	15	9.5	12.5	60	3.5 × 6 × 4.5	1240	5.39 9.51	11.1 19.3	0.0326 0.0925	0.224 0.516	0.0203 0.0567	0.143 0.321	0.0654 0.113	0.12 0.2	1.2
	20	11	15.5	60	6 × 9.5 × 8.5	1500	7.16 12.5	14.4 25.2	0.053 0.146	0.332 0.778	0.0329 0.0896	0.21 0.481	0.11 0.194	0.2 0.3	2.1
	23	12.5	18	60	7 × 11 × 9	1500	11.7 20.3	22.5 39.5	0.103 0.286	0.649 1.52	0.0642 0.175	0.41 0.942	0.201 0.355	0.3 0.4	2.7
	28	16	23	80	7 × 11 × 9	1500	17.2 30	32.5 56.8	0.163 0.494	1.08 2.55	0.102 0.303	0.692 1.57	0.352 0.611	0.5 0.8	4.3
	34	18	27.5	80	9 × 14 × 12	1500	23.8 41.7	44.1 77.2	0.259 0.74	1.68 4.01	0.161 0.454	1.07 2.49	0.576 1.01	0.8 1.2	6.4

Note1) The maximum length under "Length\*" indicates the standard maximum length of an LM rail. (See **A1-378**.)

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

Note2) For models SR15 and 25, two types of rails with different mounting hole dimensions are offered (see Table1).

When, replacing this model with model SSR, pay attention to the mounting hole dimension of the LM rail. Contact THK for details.

Table1 The dimension of the rail mounting hole

Model No.	Standard rail	Semi-Standard rail
SR 15	For M3 (No symbol)	For M4 (Symbol Y)
SR 25	For M6 (Symbol Y)	For M5 (No symbol)