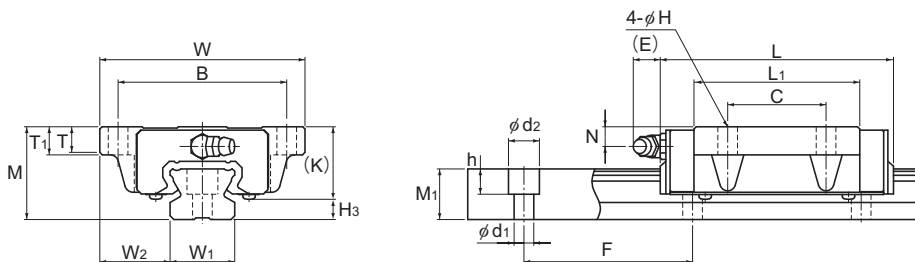


Models SR-M1TB and SR-M1SB



Model SR-M1TB

Model No.	Outer dimensions			LM block dimensions										Grease nipple	H ₃
	Height	Width	Length	B	C	H	L ₁	T	T ₁	K	N	E			
	M	W	L	B	C	H	L ₁	T	T ₁	K	N	E			
SR 15M1SB SR 15M1TB	24	52	40.4 57	41	— 26	4.5	22.9 39.5	6.1	7	19.5	6	5.5	PB1021B	4.5	
SR 20M1SB SR 20M1TB	28	59	47.3 66.2	49	— 32	5.5	27.8 46.7	8	9	22	6	12	B-M6F	6	
SR 25M1SB SR 25M1TB	33	73	59.2 83	60	— 35	7	35.2 59	9	10	26	7	12	B-M6F	7	
SR 30M1SB SR 30M1TB	42	90	67.9 96.8	72	— 40	9	40.4 69.3	8.7	10	32.5	8	12	B-M6F	9.5	
SR 35M1SB SR 35M1TB	48	100	77.6 111	82	— 50	9	45.7 79	11.2	13	36.5	8.5	12	B-M6F	11.5	

Model number coding

SR30 M1 W 2 UU C0 +1000L 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

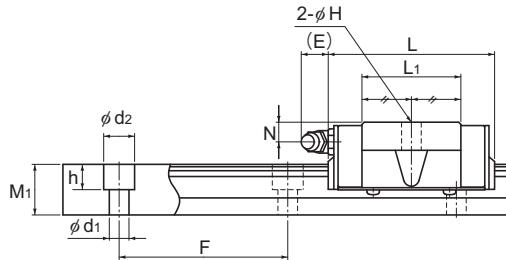
No. of LM blocks used on the same rail

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-M1SB

Unit: mm

	LM rail dimensions						Basic load rating		Static permissible moment kN-m*					Mass	
	Width	Height	Pitch		Length*	C	C ₀	M _A		M _B		M _C	LM block	LM rail	
	W ₁ ±0.05	W ₂	M ₁	F	d ₁ × d ₂ × h	Max	kN	kN	1 block	Double blocks	1 block	Double blocks	1 block	kg	kg/m
	15	18.5	12.5	60	3.5 × 6 × 4.5	1240	5.39 9.51	11.1 19.3	0.0326 0.0926	0.224 0.516	0.0203 0.0567	0.143 0.321	0.0654 0.113	0.12 0.2	1.2
	20	19.5	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	25	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	31	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	33	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)