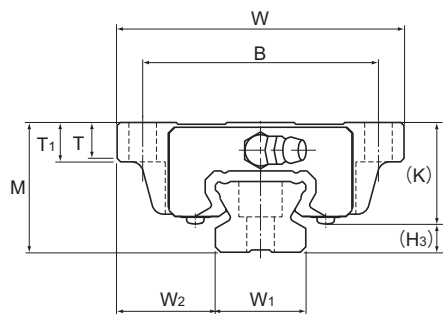


Models SR-TB, SR-TBM, SR-SB, and SR-SBM



Model No.	Outer dimensions			LM block dimensions											H ₃
	Height	Width	Length ¹											Grease nipple	
	M	W	L	B	C	H	L ₁	T	T ₁	K	N	E			
SR 15SB/SBM	24	52	40.4	41	—	4.5	22.9	6.1	7	18.2	6	5.5	PB1021B	5.8	
SR 15TB/TBM			57		26		39.5								
SR 20SB/SBM	28	59	47.3	49	—	5.5	27.8	8	9	22	6	12	B-M6F	6	
SR 20TB/TBM			66.2		32		46.7								
SR 25SB/SBM	33	73	59.2	60	—	7	35.2	9.1	10	26	7	12	B-M6F	7	
SR 25TB/TBM			83		35		59								
SR 30SB/SBM	42	90	67.9	72	—	9	40.4	8.7	10	32.5	8	12	B-M6F	9.5	
SR 30TB/TBM			96.8		40		69.3								
SR 35SB/SBM	48	100	77.6	82	—	9	45.7	11.2	13	36.5	8.5	12	B-M6F	11.5	
SR 35TB/TBM			111		50		79								
SR 45TB	60	120	126	100	60	11	90.5	12.8	15	47.5	11.5	16	B-PT1/8	12.5	
SR 55TB	68	140	156	116	75	14	117	15.3	17	54.5	12	16	B-PT1/8	13.5	

Model number coding

SR25

TB

2

UU

C1

+1240L

Y

H

T

-II

Model number

Type of LM block

Contamination protection accessory symbol

LM rail length (in mm)

Applied to only 15 and 25

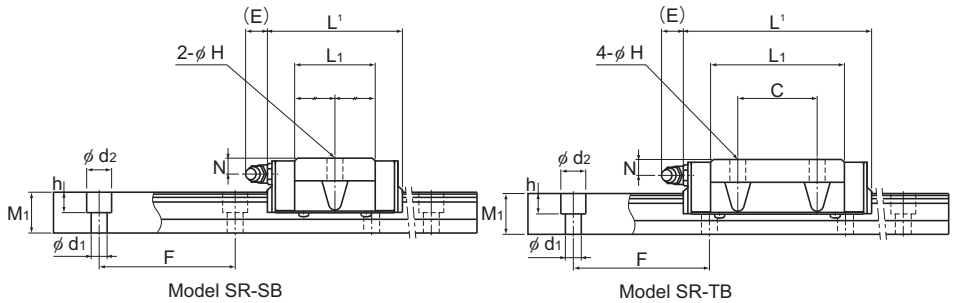
Symbol for LM rail jointed use

Symbol for No. of rails used on the same plane

No. of LM blocks used on the same rail

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

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



Unit: mm

	LM rail dimensions						Basic load rating ³		Static permissible moment kN·m ⁴						Mass	
	Width		Height	Pitch		Length ²	C	C ₀							LM block	LM rail
	W ₁ ±0.05	W ₂	M ₁	F	d ₁ ×d ₂ ×h	Max	kN	kN	1 block	2 blocks	1 block	2 blocks	1 block		kg	kg/m
	15	18.5	12.5	60	3.5×6×4.5	(1240) 3000	9.1 13.8	11.7 20.5	0.0344 0.0984	0.234 0.551	0.0215 0.0604	0.149 0.343	0.0694 0.122		0.15 0.2	1.2
	20	19.5	15.5	60	6×9.5×8.5	(1480) 3000	13.4 19.2	17.2 28.6	0.064 0.167	0.396 0.887	0.0397 0.102	0.25 0.55	0.135 0.224		0.3 0.4	2.1
	23	25	18	60	7×11×9	(2020) 3000	21.6 30.9	26.8 44.7	0.125 0.326	0.773 1.74	0.0774 0.2	0.488 1.08	0.245 0.408		0.4 0.6	2.7
	28	31	23	80	7×11×9	(2520) 3000	29.5 45.6	34.4 64.4	0.173 0.564	1.15 2.92	0.108 0.346	0.735 1.8	0.376 0.703		0.8 1.1	4.3
	34	33	27.5	80	9×14×12	(2520) 3000	40.9 60.4	46.7 81.8	0.275 0.785	1.79 4.27	0.171 0.482	1.14 2.65	0.615 1.08		1 1.5	6.4
	45	37.5	35.5	105	11×17.5×14	3000	80.4	107	1.17	6.34	0.721	3.94	1.89		2.5	11.3
	48	46	38	120	14×20×17	3000	136	179	2.61	13	1.6	8.05	3.33		4.2	12.8