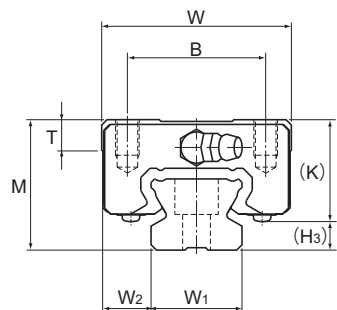


Models SR-W, SR-WM, SR-V, SR-VM, and SR-T



Model No.	Outer dimensions			LM block dimensions									H ₃
	Height	Width	Length ¹								Grease nipple		
	M	W	L	B	C	S×ℓ	L ₁	T	K	N	E		
SR 15V/VM SR 15W/WM	24	34	40.4 57	26	— 26	M4×7	22.9 39.5	5.7	18.2	6	5.5	PB1021B	5.8
SR 20V/VM SR 20W/WM	28	42	47.3 66.2	32	— 32	M5×8	27.8 46.7	7.2	22	6	12	B-M6F	6
SR 25V/VM SR 25W/WM	33	48	59.2 83	35	— 35	M6×9	35.2 59	7.7	26	7	12	B-M6F	7
SR 30V/VM SR 30W/WM	42	60	67.9 96.8	40	— 40	M8×12	40.4 69.3	8.5	32.5	8	12	B-M6F	9.5
SR 35V/VM SR 35W/WM	48	70	77.6 111	50	— 50	M8×12	45.7 79	12.5	36.5	8.5	12	B-M6F	11.5
SR 45W	60	86	126	60	60	M10×15	90.5	15	47.5	11.5	16	B-PT1/8	12.5
SR 55W	68	100	156	75	75	M12×20	117	16.7	54.5	12	16	B-PT1/8	13.5
SR 70T	85	126	194.6	90	90	M16×25	147.6	24.5	70	12	16	B-PT1/8	15
SR 85T	110	156	180	100	80	M18×30	130	25.5	91.5	27	12	A-PT1/8	18.5
SR 100T	120	178	200	120	100	M20×35	150	29.5	101	32	12	A-PT1/8	19
SR 120T	110	205	235	160	120	M20×35	180	24	95	14	13.5	B-PT1/4	15
SR 150T	135	250	280	200	160	M20×35	215	24	113	17	13.5	B-PT1/4	22

Model number coding

SR25 W 2 UU C0 M +1240L Y P T M - II

Model
number

Type of
LM block

Contamination
protection
accessory
symbol

No. of LM blocks
used on the same
rail

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

Stainless steel
LM block

LM rail length
(in mm)

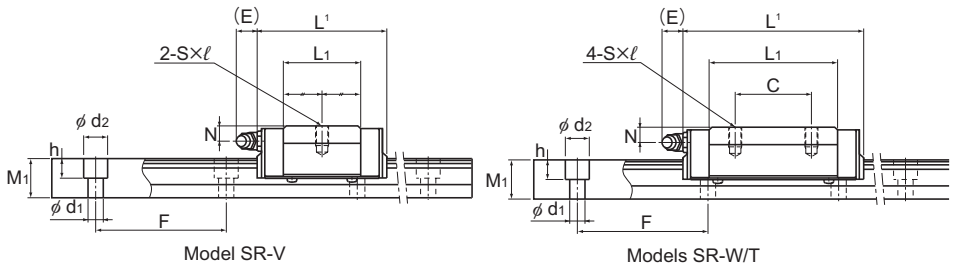
Applied to only
15 and 25

Stainless steel
LM rail

Symbol for LM rail
jointed use

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

Symbol for
No. of rails used
on the same plane



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	9.5	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	0.12 0.2	1.2
	20	11	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	0.2 0.3	2.1
	23	12.5	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	0.3 0.4	2.7
	28	16	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	0.5 0.8	4.3
	34	18	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	0.8 1.2	6.4
	45	20.5	35.5	105	11 × 17.5 × 14	3000	80.4	107	1.17	6.34	0.721	3.94	1.89	2.2	11.3
	48	26	38	120	14 × 20 × 17	3000	136	179	2.61	13	1.6	8.05	3.33	3.6	12.8
	70	28	47	150	18 × 26 × 22	3000	226	282	5.03	25.7	3.09	15.9	7.47	7	22.8
	85	35.5	65.5	180	18 × 26 × 22	3000	120	224	2.54	15.1	1.25	7.47	5.74	10.1	34.9
	100	39	70.3	210	22 × 32 × 25	3000	148	283	3.95	20.9	1.95	10.3	8.55	14.1	46.4
	114	45.5	65	230	26 × 39 × 30	3000	279	377	5.83	32.9	2.87	16.2	13.7	—	—
	144	53	77	250	33 × 48 × 36	3000	411	537	9.98	55.8	4.92	27.5	24.3	—	—