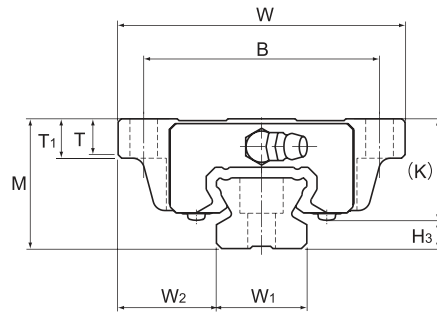


Models SR-TB, SR-TBM, SR-SB and SR-SBM



Model No.	Outer dimensions			LM block dimensions										H ₃
	Height	Width	Length										Grease nipple	
	M	W	L	B	C	H	L ₁	T	T ₁	K	N	E		
SR 15TB/TBM SR 15SB/SBM	24	52	57 40.4	41	26 —	4.5	39.5 22.9	6.1	7	19.5	6	5.5	PB1021B	4.5
SR 20TB/TBM SR 20SB/SBM	28	59	66.2 47.3	49	32 —	5.5	46.7 27.8	8	9	22	6	12	B-M6F	6
SR 25TBY/TBMY SR 25SBY/SBMY	33	73	83 59.2	60	35 —	7	59 35.2	9.1	10	26	7	12	B-M6F	7
SR 30TB/TBM SR 30SB/SBM	42	90	96.8 67.9	72	40 —	9	69.3 40.4	8.7	10	32.5	8	12	B-M6F	9.5
SR 35TB/TBM SR 35SB/SBM	48	100	111 77.6	82	50 —	9	79 45.7	11.2	13	36.5	8.5	12	B-M6F	11.5
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

Note) Symbol M indicates that stainless steel is used in the LM block, LM rail and balls. Those models marked with this symbol are therefore highly resistant to corrosion and environment.

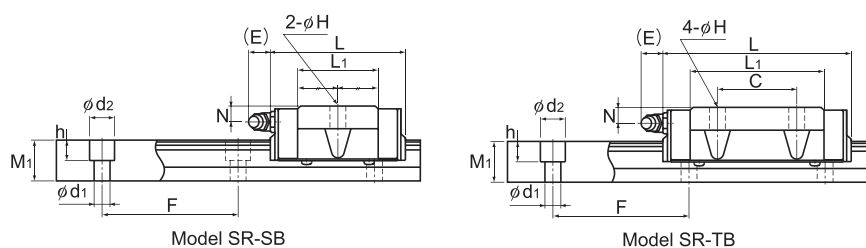
Model number coding

SR25 TB 2 UU C1 +1200L Y H T -II

Model number	Type of LM block	Contamination protection accessory symbol (*1)	LM rail length (in mm)	Applied to only 25	Symbol for LM rail jointed use	Symbol for No. of rails used on the same plane (*4)
SR	25	TB	2	UU	C1	+1200L
						Y
						H
						T
						-II

(*1) See contamination protection accessory on A-368. (*2) See A-114. (*3) See A-119. (*4) See A-59.

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.)



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 2500 (1240)		9.51 5.39	19.3 11.1	0.0925 0.0326	0.516 0.224	0.0567 0.0203	0.321 0.143	0.113 0.0654		0.2 0.15	1.2
	20	19.5	15.5	60	6×9.5×8.5 3000 (1480)		12.5 7.16	25.2 14.4	0.146 0.053	0.778 0.332	0.0896 0.0329	0.481 0.21	0.194 0.11		0.4 0.3	2.1
	23	25	18	60	7×11×9 3000 (2020)		20.3 11.7	39.5 22.5	0.286 0.103	1.52 0.649	0.175 0.0642	0.942 0.41	0.355 0.201		0.6 0.4	2.7
	28	31	23	80	7×11×9 3000 (2520)		30 17.2	56.8 32.5	0.494 0.163	2.55 1.08	0.303 0.102	1.57 0.692	0.611 0.352		1.1 0.8	4.3
	34	33	27.5	80	9×14×12 3000 (2520)		41.7 23.8	77.2 44.1	0.74 0.259	4.01 1.68	0.454 0.161	2.49 1.07	1.01 0.576		1.5 1	6.4
	45	37.5	35.5	105	11×17.5×14 3000		55.3	101	1.1	5.96	0.679	3.69	1.77		2.5	11.3
	48	46	38	120	14×20×17 3000		89.1	157	2.27	11.3	1.39	6.98	2.87		4.2	12.8

Note1) The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See B-90.)
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) The LM rail mounting hole of SR15 is drilled for M3 screws as standard (without Y indication). If you order the hole to be drilled for M4 screws (with Y indication), contact THK. When replacing this model with model SSR, pay attention to the dimension of the rail mounting hole.