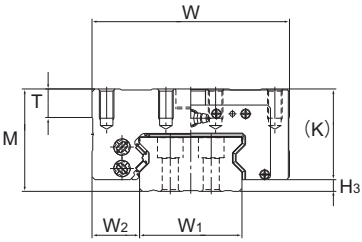
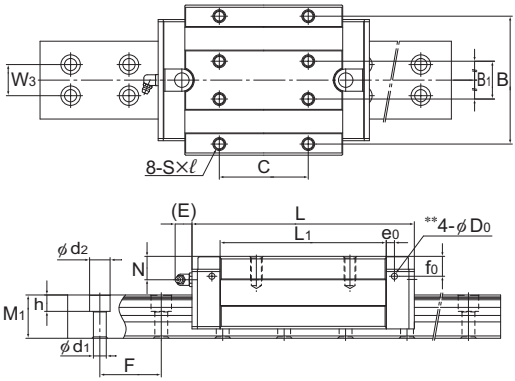
Model SRW-LR





Models SRW70 to 100LR

Model No.	Outer dimensions			LM block dimensions													H3
	Height M	Width W	Length L	B	B_1	C	S×ℓ	L_1	T	K	N	E	e_0	f_0	D_0	Grease nipple	
SRW 70LR	70	135	190	115	34	80	M10×20	142	20	62	20	16	7	17	5.2	B-PT1/8	8
SRW 85LR	80	165	235	140	40	95	M12×19	179.2	28	70	22	16	9	18.5	5.2	B-PT1/8	10
SRW 100LR	100	200	303	172	50	110	M14×20	229.8	20	88.5	27	16	9	23.5	5.2	B-PT1/8	11.5
SRW 130LR	130	260	350	220	65	140	M20×35	250.8	30	114	25	16	15	42	8.2	B-PT1/8	16
SRW 150LR	150	300	395	260	75	200	M20×40	280.2	35	134	28.8	16	15	53	8.2	B-PT1/4	16

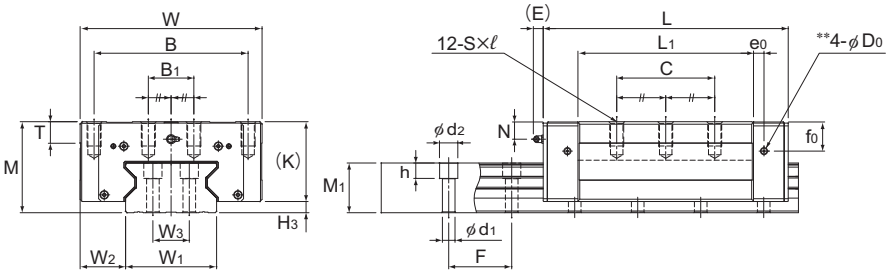
Model number coding

SRW70LR 2 QZ KKHH C0 +1200L P T -Ⅱ

- SRW70LR: Model number
- 2: No. of LM blocks used on the same rail
- QZ: With QZ Lubricator
- KKHH: Contamination protection accessory symbol (*1)
- C0: Radial clearance symbol (*2) Normal (No symbol) Light preload (C1) Medium preload (C0)
- +1200L: LM rail length (in mm)
- P: Accuracy symbol (*3) Precision grade (P)/Super precision grade (SP) Ultra precision grade (UP)
- T: Symbol for LM rail jointed use
- -Ⅱ: Symbol for No. of rails used on the same plane (*4)

(*1) See contamination protection accessory on A1-510. (*2) See A1-72. (*3) See A1-85. (*4) See A1-13.

To download a desired data, search for the corresponding model number in the Technical site. https://tech.thk.com



Models SRW130 and 150LR

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 -0.05	W_2	W_3	M_1	F	$d_1 \times d_2 \times h$	Max	kN	kN	1 block	Double blocks	1 block	Double blocks	1 block	kg	kg/m
	70	32.5	28	37	52.5	11×17.5×14	3090	115	256	6.13	32.2	6.13	32.2	10.2	6.3	18.6
	85	40	32	43	60	14×20×17	3060	167	366	10.8	57	10.8	57	17.5	11.0	26.7
	100	50	38	54	75	16×23×20	3000	278	599	22.7	120	22.7	120	33.9	21.6	35.9
	130	65	52	71	90	18×26×22	3000	497	990	45.3	239	45.3	239	74.2	41.7	61.0
	150	75	60	77	105	24×35×28	3000	601	1170	60	319	60	319	101.6	65.1	74.4

Note) 1. Model SRW is attached with "SS" as standard.
2. 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.)
3. For the standard LM rail length, see Table4 on **A1-448**.
4. The greasing hole on the top face and the pilot hole of the side nipple** are not drilled through in order to prevent foreign material from entering the block.
For details, see **A1-449**.
5. The removing/mounting jig is not provided as standard. When desiring to use it, contact THK.

The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See **A1-448**.)
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

Options⇒A1-473