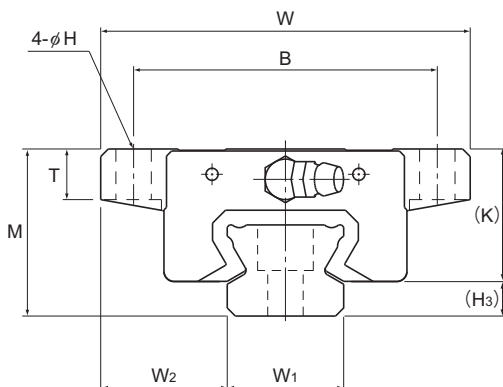


Model SSR-XTB



Model No.	Outer dimensions			LM block dimensions													Grease nipple	H ₃
	Height	Width	Length	B	C	H	L ₁	T	K	N	E	f ₀	e ₀	D ₀				
	M	W	L	B	C	H	L ₁	T	K	N	E	f ₀	e ₀	D ₀				
SSR 15XTB	24	52	56.9	41	26	4.5	39.9	7	19.5	4.5	5.5	2.7	4.5	3	PB1021B	4.5		
SSR 20XTB	28	59	66.5	49	32	5.5	46.6	9	22	5.5	12	2.9	5.2	3	B-M6F	6		
SSR 25XTB	33	73	83	60	35	7	59.8	10	26.2	6	12	3.3	6.8	3	B-M6F	6.8		
SSR 30XTB	42	90	97	72	40	9	70.7	10	32.5	8	12	4.5	7.6	4	B-M6F	9.5		
SSR 35XTB	48	100	110.9	82	50	9	80.5	13	36.5	8.5	12	4.7	8.8	4	B-M6F	11.5		

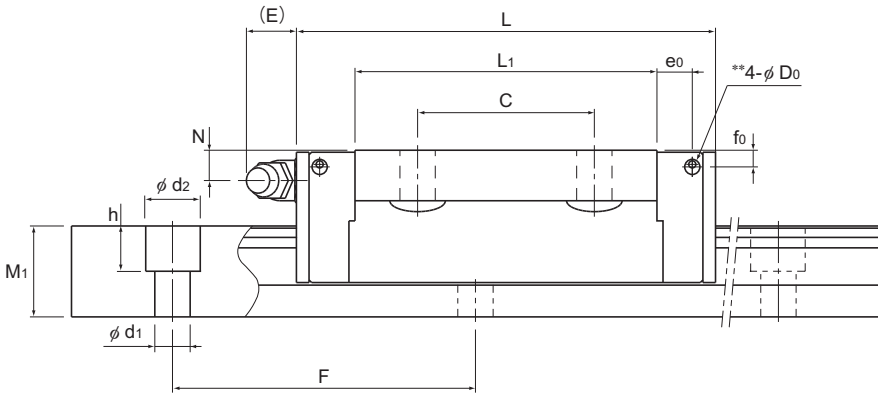
Model number coding

SSR15X	TB	2	QZ	UU	C1	+820L	Y	P	T	-II
Model number	Type of LM block	No. of LM blocks used on the same rail	With QZ lubricator	Contamination protection accessory symbol (*1)	Radial clearance symbol (*2) Normal (No symbol) Light preload (C1) Medium preload (C0)	LM rail length (in mm) Applied to only 15 and 25 sizes		Symbol for LM rail jointed use	Accuracy symbol (*3) 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 (*4)

(*1) See contamination protection accessory on **A1-532**. (*2) See **A1-72**. (*3) See **A1-78**. (*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.)

Those models equipped with QZ Lubricator cannot have a grease nipple. When desiring a grease nipple for a model attached with QZ, contact THK.



Unit: mm

LM rail dimensions						Basic load rating		Static permissible moment $\text{kN}\cdot\text{m}^*$					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		Max	kN	kN	1 block	Double blocks	1 block	Double blocks	1 block	kg	kg/m	
15	18.5	12.5	60	$4.5 \times 7.5 \times 5.3$	3000 (1240)	14.7	16.5	0.0792	0.44	0.0486	0.274	0.0962	0.19	1.2
20	19.5	15.5	60	$6 \times 9.5 \times 8.5$	3000 (1480)	19.6	23.4	0.138	0.723	0.0847	0.448	0.18	0.31	2.1
23	25	18	60	$7 \times 11 \times 9$	3000 (2020)	31.5	36.4	0.258	1.42	0.158	0.884	0.33	0.53	2.7
28	31	23	80	$7 \times 11 \times 9$	3000 (2020)	46.5	52.7	0.446	2.4	0.274	1.49	0.571	0.87	4.3
34	33	27.5	80	$9 \times 14 \times 12$	3000	64.6	71.6	0.711	3.72	0.437	2.31	0.936	1.33	6.4

Note1) The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See **A1-118**.)

Static permissible moment* 1 block: the static permissible moment with one LM block

Double blocks: static permissible moment when two LM blocks are in close contact with each other

Total block length L

: The total block length L shown in the table is the length with the dust proof parts, code UU or SS. If other contamination protection accessories or lubricant equipment are installed, the total block length will increase.

(See **A1-507** or **A1-528**)

** A pilot hole for side nipples, when a grease nipple for a model equipped with LaCS or QZ Lubricator is needed.

Pilot holes for side nipples are not drilled through for models other than those stated above.

For grease nipple mount machining, contact THK.

Note2) For models SSR15 and 25, two types of rails with different mounting hole dimensions are offered (see Table1).

When replacing this model with model SR, pay attention to the mounting hole dimension of the LM rail.

Contact THK for details.

Note3) The basic load rating in the dimension table is for a load in the radial direction. Use Table7 on **A1-60** to calculate the load rating for loads in the reverse radial direction or lateral direction.

Table1 The dimension of the rail mounting hole

Model No.	Standard rail	Semi-Standard rail
SSR 15	For M4 (Symbol Y)	For M3 (No symbol)
SSR 25	For M6 (Symbol Y)	For M5 (No symbol)