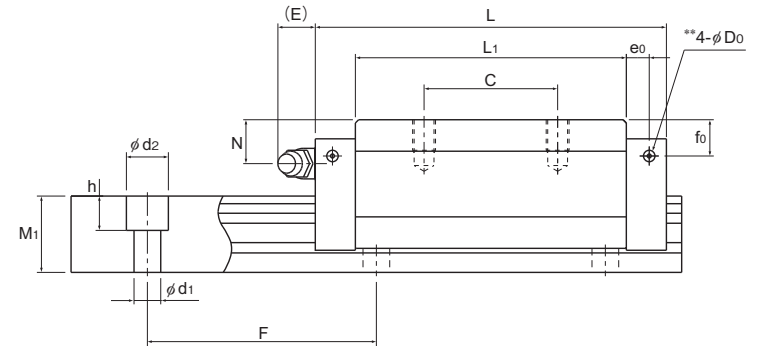
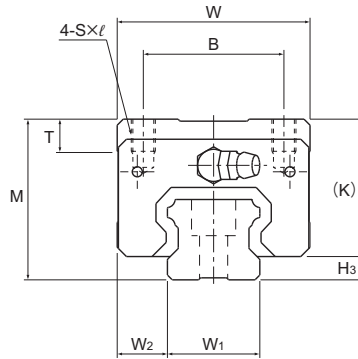


Models SHS-R and SHS-LR



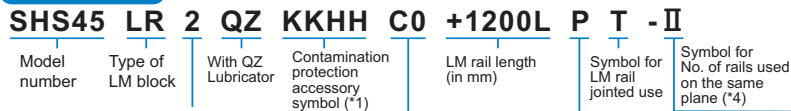
LM Guide

Model No.	Outer dimensions			LM block dimensions										Pilot hole for side nipple		
	Height	Width	Length	B	C	S×ℓ	L ₁	T	K	N	E	Grease nipple	e ₀	f ₀	D ₀	
	M	W	L													
SHS 15R	28	34	64.4	26	26	M4×5	48	5.9	25	9.5	5.5	PB1021B	4	8	3	
SHS 25R SHS 25LR	40	48	92 109	35	35 50	M6×8	71 88	8	34.2	11.5	12	B-M6F	6	9.5	3	
SHS 30R SHS 30LR	45	60	106 131	40	40 60	M8×10	80 105	8	38	11	12	B-M6F	5.8	9	5.2	
SHS 35R SHS 35LR	55	70	122 152	50	50 72	M8×12	93 123	14.7	47.5	15	12	B-M6F	6.5	12.5	5.2	
SHS 45R SHS 45LR	70	86	140 174	60	60 80	M10×17	106 140	14.9	61.1	20.5	16	B-PT1/8	8	18	5.2	
SHS 55R SHS 55LR	80	100	171 213	75	75 95	M12×18	131 173	19.4	67.3	21	16	B-PT1/8	10	18	5.2	

Unit: mm

H ₃	LM rail dimensions						Basic load rating		Static permissible moment kN-m*					Mass	
	W ₁ 0 -0.05	W ₂	M ₁	F	d ₁ ×d ₂ ×h	Length* Max	C kN	C ₀ kN	M _A		M _B		M _C	LM block kg	LM rail kg/m
									1 block	Double blocks	1 block	Double blocks	1 block		
3	15	9.5	13	60	4.5×7.5×5.3	3000	14.2	24.2	0.175	0.898	0.175	0.898	0.16	0.22	1.3
5.8	23	12.5	20	60	7×11×9	3000	31.7 36.8	52.4 64.7	0.566 0.848	2.75 3.98	0.566 0.848	2.75 3.98	0.563 0.696	0.66 0.8	3.2
7	28	16	23	80	9×14×12	3000	44.8 54.2	66.6 88.8	0.786 1.36	4.08 6.6	0.786 1.36	4.08 6.6	0.865 1.15	1.04 1.36	4.5
7.5	34	18	26	80	9×14×12	3000	62.3 72.9	96.6 127	1.38 2.34	6.76 10.9	1.38 2.34	6.76 10.9	1.53 2.01	1.8 2.34	6.2
8.9	45	20.5	32	105	14×20×17	3090	82.8 100	126 166	2.05 3.46	10.1 16.3	2.05 3.46	10.1 16.3	2.68 3.53	3.24 4.19	10.4
12.7	53	23.5	38	120	16×23×20	3060	128 161	197 259	3.96 6.68	19.3 31.1	3.96 6.68	19.3 31.1	4.9 6.44	5.05 6.57	14.5

Model number coding



(*1) See contamination protection accessory on **A1-496**. (*2) See **A1-70**. (*3) See **A1-76**. (*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.

Note) The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See **A1-102**.)
 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 **A1-472** or **A1-492**.)

** 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.