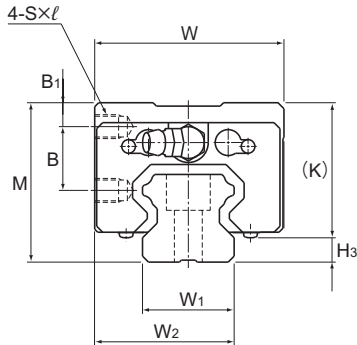


Model HSR-M1YR



Model No.	Outer dimensions			LM block dimensions									Grease nipple	H ₃
	Height	Width	Length	B ₁	B	C	S × l	L ₁	K	N	E			
	M	W	L											
HSR 15M1YR	28	33.5	59.6	4.3	11.5	18	M4 × 5	38.8	23.3	8.3	5.5	PB1021B	4.7	
HSR 20M1YR	30	43.5	76	4	11.5	25	M5 × 6	50.8	26	5	12	B-M6F	4	
HSR 25M1YR	40	47.5	83.9	6	16	30	M6 × 6	59.5	34.5	10	12	B-M6F	5.5	
HSR 30M1YR	45	59.5	98.8	8	16	40	M6 × 9	70.4	38	10	12	B-M6F	7	
HSR 35M1YR	55	69.5	112	8	23	43	M8 × 10	80.4	47.5	15	12	B-M6F	7.5	

Note) The length L of the high temperature type LM Guide model HSR-YR is longer than normal type of model HSR-YR. (Dimension L₁ is the same.)

Model number coding

HSR25 M1 YR 2 UU C0 +1200L P T - II

Model number

Type of LM block

Contamination protection accessory symbol (*1)

LM rail length (in mm)

Symbol for LM rail jointed use

Symbol for No. of rails used on the same plane (*4)

Symbol for high temperature type LM Guide

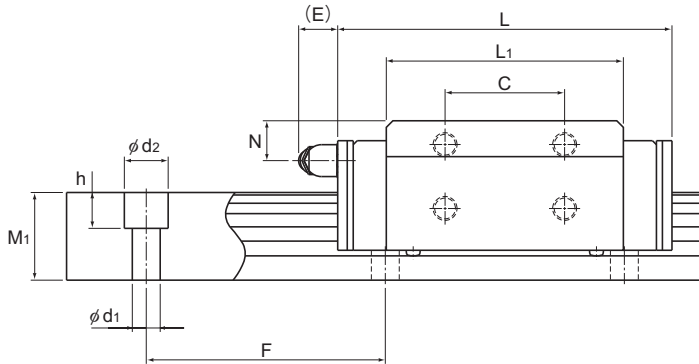
No. of LM blocks used on the same rail

Radial clearance symbol (*2)
Normal (No symbol)
Light preload (C1)
Medium preload (C0)

Accuracy symbol (*3)
Normal grade (No Symbol)/High accuracy grade (H)
Precision grade (P)/Super precision grade (SP)
Ultra precision grade (UP)

(*1) See contamination protection accessory on **A1-510**. (*2) See **A1-71**. (*3) See **A1-77**. (*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.)



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	Max	kN	kN	1 block			Double blocks	1 block
	15	24	15	60	4.5×7.5×5.3	1240	8.33	13.5	0.0805	0.457	0.0805	0.457	0.0844	0.2	1.5
	20	31.5	18	60	6×9.5×8.5	1500	13.8	23.8	0.19	1.04	0.19	1.04	0.201	0.35	2.3
	23	35	22	60	7×11×9	1500	19.9	34.4	0.307	1.71	0.307	1.71	0.344	0.59	3.3
	28	43.5	26	80	9×14×12	1500	37.3	62.5	0.524	2.7	0.524	2.7	0.562	1.3	4.8
	34	51.5	29	80	9×14×12	1500	37.3	61.1	0.782	3.93	0.782	3.93	0.905	1.6	6.6

Note) The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See **A1-368**.)

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