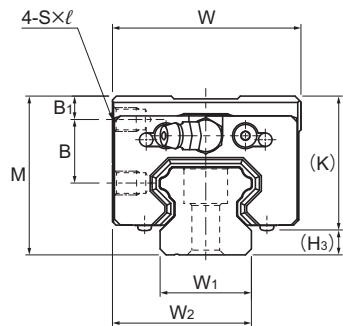


Model HSR-M1YR



Model No.	Outer dimensions			LM block dimensions										Pilot hole for side nipple			H ₃
	Height	Width	Length ¹														
	M	W	L	B ₁	B	C	S × ℓ	L ₁	K	N	E	Grease nipple	e ₀	f ₀	D ₀ ²	H ₃	
HSR 15M1YR	28	33.5	59.6	4.3	11.5	18	M4 × 5	38.8	23.3	8.3	5.5	PB1021B	3.2	7.9	3	4.7	
HSR 20M1YR	30	43.5	76	4	11.5	25	M5 × 6	50.8	26	5	12	B-M6F	3.1	3.4	3	4	
HSR 25M1YR	40	47.5	83.9	6	16	30	M6 × 6	59.5	34.5	10	12	B-M6F	3.5	8	3	5.5	
HSR 30M1YR	45	59.5	98.8	8	16	40	M6 × 9	70.4	38	10	12	B-M6F	5.2	9.2	5.2	7	
HSR 35M1YR	55	69.5	112	8	23	43	M8 × 10	80.4	47.5	15	12	B-M6F	5.5	12.6	5.2	7.5	

Model number coding

HSR25 M1 YR 2 UU C0 +1240L P T -II

Model number

Type of LM block

Contamination protection accessory symbol

LM rail length (in mm)

Symbol for LM rail jointed use

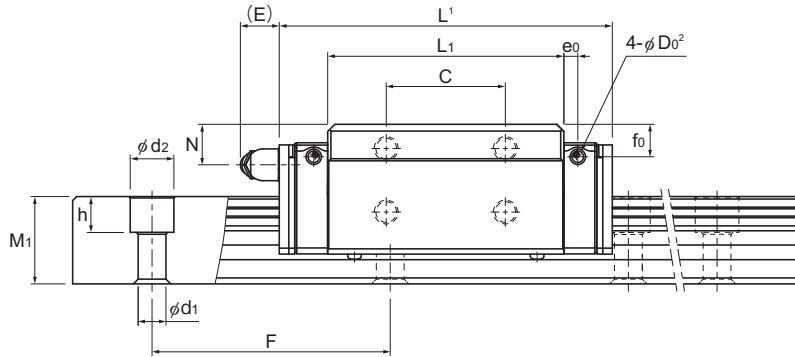
Symbol for No. of rails used on the same plane

Symbol for high temperature type LM Guide

No. of LM blocks used on the same rail

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

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



Unit: mm

	LM rail dimensions						Basic load rating		Static permissible moment kN·m ⁴					Mass	
	Width		Height	Pitch		Length ³	C	C ₀	M_A		M_B		M_C	LM block	LM rail
	W_1 ± 0.05	W_2	M_1	F	$d_1 \times d_2 \times h$	Max	kN	kN	1 block	2 blocks	1 block	2 blocks	1 block	kg	kg/m
	15	24	15	60	4.5×7.5×5.3	1240	10.9	15.7	0.0945	0.527	0.0945	0.527	0.0998	0.21	1.5
	20	31.5	18	60	6×9.5×8.5	1480	19.8	27.4	0.218	1.2	0.218	1.2	0.235	0.32	2.3
	23	35	22	60	7×11×9	1500	27.6	36.4	0.324	1.8	0.324	1.8	0.366	0.63	3.3
	28	43.5	26	80	9×14×12	1500	40.5	53.7	0.599	3.1	0.599	3.1	0.652	1.05	4.8
	34	51.5	29	80	9×14×12	1500	53.9	70.2	0.895	4.51	0.895	4.51	1.05	1.71	6.6