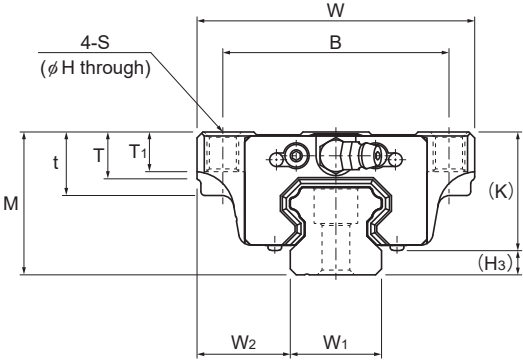


Models HSR-M1C and HSR-M1LC



Model No.	Outer dimensions			LM block dimensions														Pilot hole for side nipple			
	Height	Width	Length ¹													Grease nipple					
	M	W	L	B	C	S	H	L ₁	t	T	T ₁	K	N	E		e ₀	f ₀	D ₀ ²	H ₃		
HSR 15M1C HSR 15M1LC	24	47	59.6 77.6	38	30	M5	4.4	38.8 56.8	11	7	7	19.3	4.3	5.5	PB1021B	3.2	3.9	3	4.7		
HSR 20M1C HSR 20M1LC	30	63	76 92	53	40	M6	5.4	50.8 66.8	10	9.5	10	26	5	12	B-M6F	3.1	3.4	3	4		
HSR 25M1C HSR 25M1LC	36	70	83.9 103	57	45	M8	6.8	59.5 78.6	16	11	10	30.5	6	12	B-M6F	3.5	4	3	5.5		
HSR 30M1C HSR 30M1LC	42	90	98.8 121.4	72	52	M10	8.5	70.4 93	18	9	10	35	7	12	B-M6F	5.2	6.2	5.2	7		
HSR 35M1C HSR 35M1LC	48	100	112 137.4	82	62	M10	8.5	80.4 105.8	21	12	13	40.5	8	12	B-M6F	5.5	5.6	5.2	7.5		

Model number coding

HSR25 M1 C 2 UU C1 +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

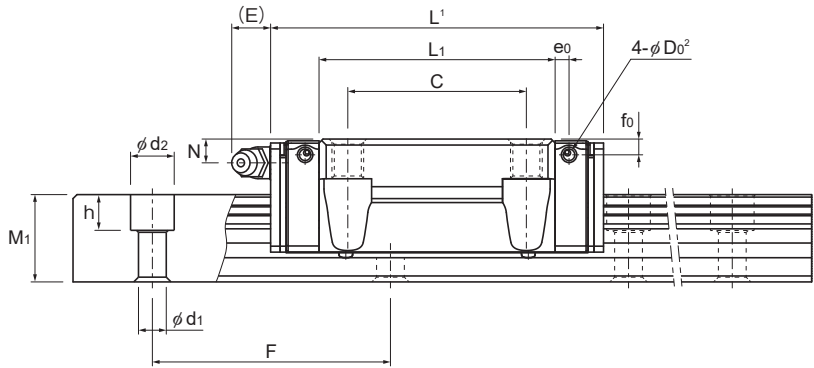
Symbol for No. of rails used on the same plane

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 $\text{kN} \cdot \text{m}^{-1}$						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	16	15	60	$4.5 \times 7.5 \times 5.3$	1240	10.9 14.2	15.7 22.9	0.0945 0.194	0.527 0.984	0.0945 0.194	0.527 0.984	0.0998 0.145		0.23 0.32	1.5
	20	21.5	18	60	$6 \times 9.5 \times 8.5$	1480	19.8 23.9	27.4 35.8	0.218 0.363	1.2 1.87	0.218 0.363	1.2 1.87	0.235 0.307		0.42 0.54	2.3
	23	23.5	22	60	$7 \times 11 \times 9$	1500	27.6 35.2	36.4 51.6	0.324 0.627	1.8 3.04	0.324 0.627	1.8 3.04	0.366 0.518		0.68 0.84	3.3
	28	31	26	80	$9 \times 14 \times 12$	1500	40.5 48.9	53.7 70.2	0.599 0.995	3.1 4.89	0.599 0.995	3.1 4.89	0.652 0.852		1.25 1.45	4.8
	34	33	29	80	$9 \times 14 \times 12$	1500	53.9 65	70.2 91.7	0.895 1.49	4.51 7.13	0.895 1.49	4.51 7.13	1.05 1.37		1.81 2.21	6.6