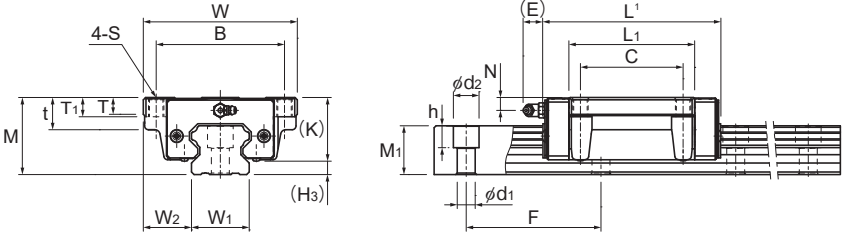


Models HSR85A, HSR85LA, HSR85B, and HSR85LB



Models HSR85A/LA

Model No.	Outer dimensions			LM block dimensions												H ₃
	Height	Width	Length ¹												Grease nipple	
	M	W	L	B	C	H	S	L ₁	t	T	T ₁	K	N	E		
HSR 85A HSR 85LA	110	215	245.6 303	185	140	—	M20	178.6 236	55	28	30	94	23	16	B-PT1/8	16
HSR 85B HSR 85LB	110	215	245.6 303	185	140	18	—	178.6 236	55	28	30	94	23	16	B-PT1/8	16

Model number coding

HSR85 A 2 UU C0 +2250L H T -II

Model
number

Type of
LM block

Contamination
protection
accessory
symbol

LM rail length
(in mm)

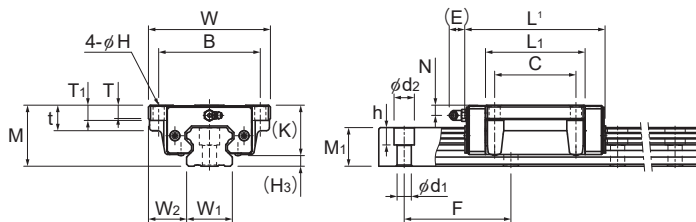
Symbol
for LM rail
jointed use

Symbol for
No. of rails used
on the same plane

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)



Models HSR85B/LB

Unit: mm

	LM rail dimensions						Basic load rating		Static permissible moment $\text{kN}\cdot\text{m}^{-3}$					Mass	
	Width	W_2	Height	Pitch	$d_1 \times d_2 \times h$	Length ²	C	C_0	M_A		M_B		M_C	LM block	LM rail
	$W_1 \pm 0.05$		M_1	F		Max	kN	kN	1 block	2 blocks	1 block	2 blocks	1 block	kg	kg/m
	85	65	65	180	$24 \times 35 \times 28$	3000	304 367	355 464	10.2 16.9	51.2 81	10.2 16.9	51.2 81	12.8 16.7	17 23	35.2
	85	65	65	180	$24 \times 35 \times 28$	3000	304 367	355 464	10.2 16.9	51.2 81	10.2 16.9	51.2 81	12.8 16.7	17 23	35.2