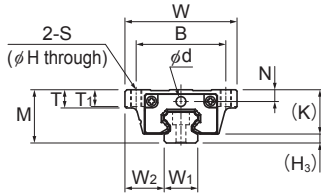
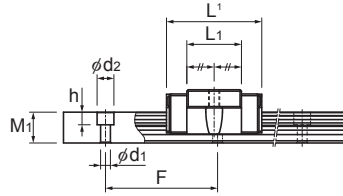


Models HSR-XSCM, HSR-XCM, and HSR-XLCM



Models HSR8X SCM and 10X SCM



Models HSR8X CM/LCM and 10X CM/LCM

Model No.	Outer dimensions			LM block dimensions													Grease nipple	H ₃
	Height	Width	Length ¹	B	C	Mounting hole	H	L ₁	T	T ₁	K	N	E	Lubrication hole	d			
	M	W	L	B	C	S	H	L ₁	T	T ₁	K	N	E	d		H ₃		
HSR 8XSCM HSR 8XCM HSR 8XLCM	10	24	18 24 30.5	19	— 10 10	M2.3	1.5	9 15 21.5	4	3.5	7.9	1.6	—	2.2	—	2.1		
HSR 10XSCM HSR 10XCM HSR 10XLCM	12	30	24 31 40	24	— 12 12	M3	2.5	13.1 20.1 29.1	5	4.5	9.8	2.5	—	2.2	—	2.2		
HSR 12XSCM HSR 12XCM HSR 12XLCM	19	40	34 45 58	32	— 15 15	M4	3.3	19.5 30.5 43.5	6.5	6	15.9	4.2	4	—	PB107	3.1		

Model number coding

HSR12X C 2 UU C1 M +670L H T M - II

Model number

Type of LM block

Contamination protection accessory symbol

Stainless steel LM block

LM rail length (in mm)

Stainless steel LM rail

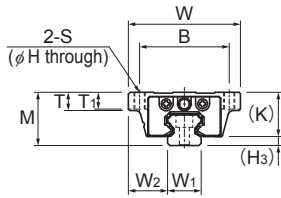
Symbol for No. of rails used on the same plane

No. of LM blocks used on the same rail

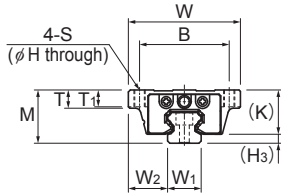
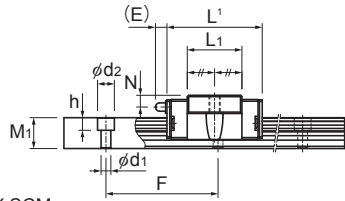
Radial clearance symbol
Normal (No symbol)
Light preload (C1)

Symbol for LM rail jointed use

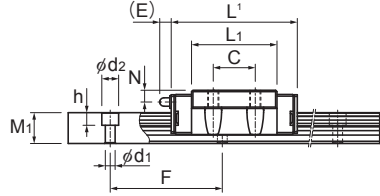
Accuracy symbol
Normal grade (No Symbol)/High accuracy grade (H)
Precision grade (P)/Super precision grade (SP)



Model HSR12X SCM



Models HSR12X CM/LCM



Unit: mm

	LM rail dimensions					Basic load rating		Static permissible moment $\text{kN}\cdot\text{m}^3$					Mass	
	Width	Height	Pitch			C	C ₀	M_A		M_B		M_C	LM block	LM rail
	W_1 ± 0.05	W_2	M_1	F	$d_1 \times d_2 \times h$	kN	kN						kg	kg/m
	8	8	6	20	2.4×4.2×2.3	0.85 1.2 1.5	1.24 2.02 2.8	0.00179 0.00457 0.00913	0.0148 0.0297 0.0502	0.00179 0.00457 0.00913	0.0148 0.0297 0.0502	0.0043 0.00698 0.00964	0.007 0.013 0.018	0.3
	10	10	7	25	3.5×6×3.3	1.54 2.16 2.72	2.18 3.54 4.9	0.00464 0.0114 0.0211	0.0336 0.0659 0.115	0.00464 0.0114 0.0211	0.0336 0.0659 0.115	0.00949 0.0154 0.0213	0.017 0.026 0.038	0.45
	12	14	11	40	3.5×6×4.5	3.95 5.54 6.96	5.39 8.75 12.1	0.0171 0.0421 0.0781	0.116 0.234 0.409	0.0171 0.0421 0.0781	0.116 0.234 0.409	0.0277 0.0449 0.0622	0.059 0.092 0.132	0.83