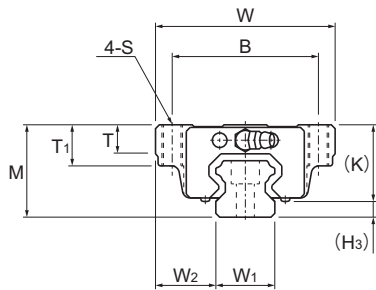


Model HSR-M2A



Model No.	Outer dimensions			LM block dimensions										Pilot hole for side nipple			H ₃
	Height	Width	Length ¹										Grease nipple				
	M	W	L	B	C	S	L ₁	T	T ₁	K	N	E		e ₀	f ₀	D ₀ ²	
HSR 15M2A	24	47	56.6	38	30	M5	38.8	6.5	11	19.3	4.3	5.5	PB1021B	3.2	3.9	3	4.7
HSR 20M2A	30	63	74	53	40	M6	50.8	9.5	10	26	5	12	B-M6F	3.1	3.4	3	4
HSR 25M2A	36	70	83.1	57	45	M8	59.5	11	16	30.5	6	12	B-M6F	3.5	4	3	5.5

Model number coding

HSR20M2 A 2 UU C1 I +820L P T - II

Model number
(high corrosion
resistance type
LM Guide)

Type of
LM block

No. of LM blocks
used on the same rail

Contamination
protection
accessory
symbol

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

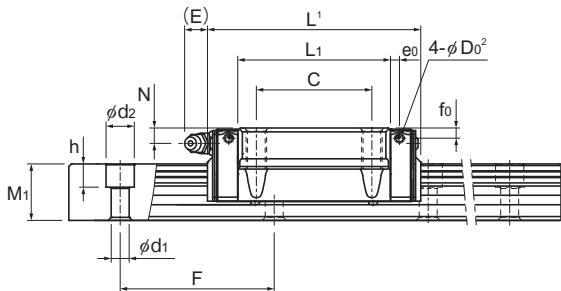
End plate is
made of
stainless steel

LM rail length
(in mm)

Accuracy symbol
Normal grade (No Symbol)/High Accuracy grade (H)
Precision grade (P)

Symbol
for LM rail
jointed use

Symbol for
No. of rails used
on the same plane



Unit: mm

LM rail dimensions						Basic load rating ⁴⁾		Static permissible moment N·m ⁵⁾					Mass	
Width		Height	Pitch		Length ³⁾	C	C ₀						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	4.5×7.5×5.3	1000	2.11	2.04	12.1	68.6	12.1	68.6	12.7	0.2	1.5
20	21.5	18	60	6×9.5×8.5	1000	3.89	3.57	28.5	156	28.5	156	30.2	0.35	2.3
23	23.5	22	60	7×11×9	1000	5.57	5.15	46.1	256.5	46.1	256.5	51.6	0.59	3.3