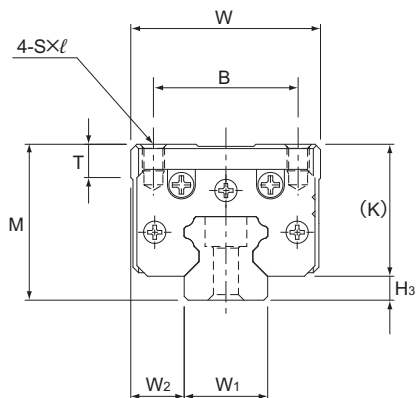


Model HSR-M1VV



Model No.	Outer dimensions			LM block dimensions						
	Height	Width	Length							
	M	W	L	B	C	S×ℓ	L ₁	T	K	H ₃
HSR15M1R-VV	28	34	75	26	26	M4×5	38.8	6	23.7	4.3

Model number coding

HSR15M1R 1 VV C1 +400L P -II

Model No.

Radial clearance
symbol^(*1)

Labyrinth seal
symbol^(*2)

Accuracy
symbol^(*3)

Symbol for
No. of rails used on the
same plane^(*4)

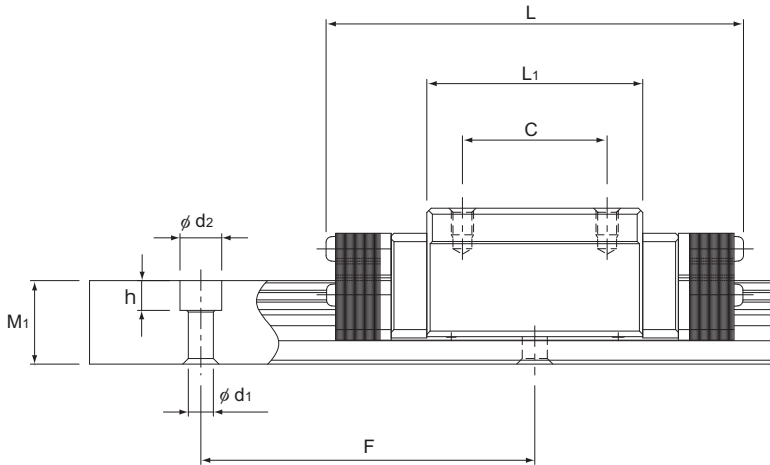
No. of LM blocks
used on the same rail

LM rail length
(in mm)

(*1) See **A1-71**. (*2) See **A1-397**. (*3) See **A1-77**. (*4) See **A1-13**.

Note1) The radial clearance, maximum LM rail length and accuracy class are equal to that of model HSR.

Note2) With this model, a single-rail unit constitutes one set (i.e., the required number of sets when 2 rails are used in parallel is 2).



Unit: mm

LM rail dimensions						Basic load rating		Static permissible moment kN-m*					Mass	
Width	Height	Pitch		Length*	C	C ₀	M _A		M _B		M _C	LM block	LM rail	
W ₁ ±0.05	W ₂	M ₁	F	d ₁ × d ₂ × h	Max	kN	kN	1 block	Double blocks	1 block	Double blocks	1 block	kg	kg/m
15	9.5	15	60	4.5 × 7.5 × 5.3	1240	8.33	13.5	0.0805	0.457	0.0805	0.457	0.0844	0.27	1.5

Note) The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See **A1-402**.)

Static permissible moment*: 1 block: static permissible moment value with 1 LM block

Double blocks: static permissible moment value with 2 blocks closely contacting with each other

If a large moment is applied to a system consisting of one block on one axis, the labyrinth end seal may contact the rail, and it may affect the motion.

If a moment is applied, we recommend using two axes with two blocks per axis.

Contact THK for details.