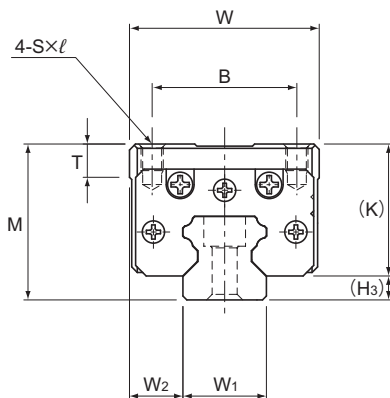


## Model HSR-M1VV



Model No.	Outer dimensions			LM block dimensions						
	Height	Width	Length							
	M	W	L	B	C	S×l	L <sub>1</sub>	T	K	H <sub>3</sub>
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.

No. of LM blocks  
used on the same rail

LM rail length  
(in mm)

Radial clearance  
symbol

Labyrinth seal  
symbol

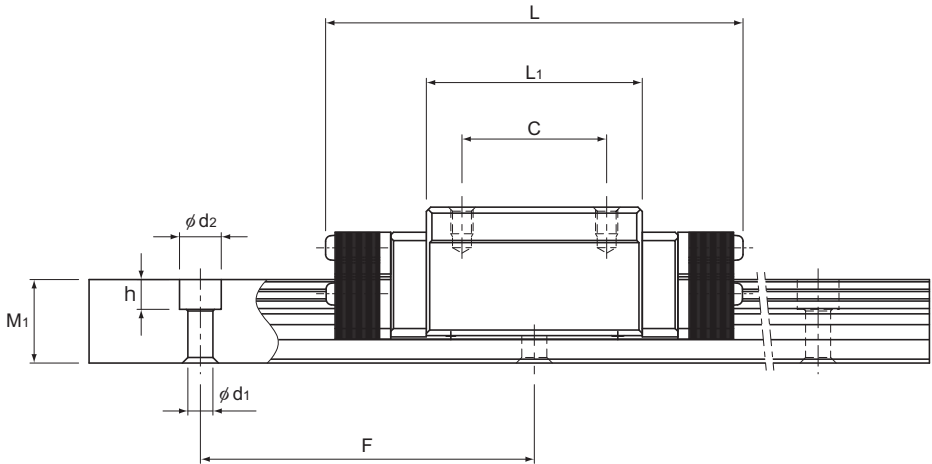
Accuracy  
symbol

Symbol for  
No. of rails used on the  
same plane

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

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.)

See **A1-74** radial clearance symbol. See **A1-405** for labyrinth seal symbol. See **A1-79** for accuracy symbol. See **A1-13** for number of rails used on the same plane.



Unit: mm

LM rail dimensions						Basic load rating		Static permissible moment kN·m*					Mass	
Width	Height	Pitch		Length*	C	C <sub>0</sub>	M <sub>A</sub>		M <sub>B</sub>		M <sub>C</sub>	LM block	LM rail	
W <sub>1</sub> ±0.05	W <sub>2</sub>	M <sub>1</sub>	F	d <sub>1</sub> × d <sub>2</sub> × 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	10.9	15.7	0.0945	0.527	0.0945	0.527	0.0998	0.27	1.5

Note) The maximum length under "Length\*" indicates the standard maximum length of an LM rail. (See **A1-410**.)

Static permissible moment\* 1 block: the static permissible moment with one LM block

Double blocks: static permissible moment when two LM blocks are in close contact with each other

Total block length L : The total block length L shown in the table is the length with the dust-proof parts (code: VV, with labyrinth end seal).

If a large moment is applied to a system consisting of one LM rail or one LM block per shaft, the labyrinth end seal may contact the LM rail, which could affect the system's motion.

If a moment is applied, it is recommended to use two rails with two LM blocks per rail.

Contact THK for details.