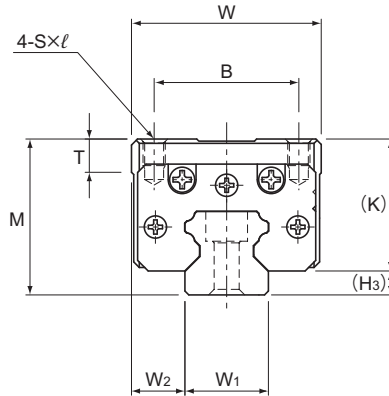


Model HSR-M1VV



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}

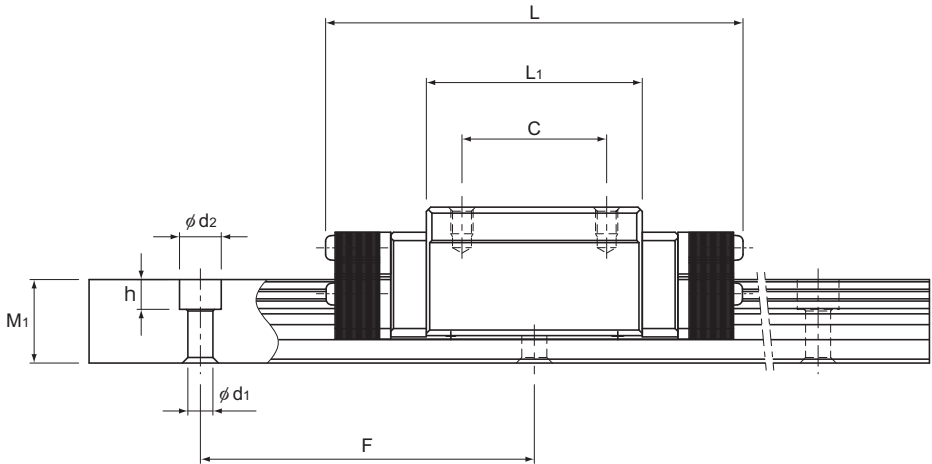
No. of LM blocks
used on the same rail

LM rail length
(in mm)

(*1) See **A1-73**. (*2) See **A1-407**. (*3) See **A1-78**. (*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	$d_1 \times d_2 \times h$	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 **A1-412**.)

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.