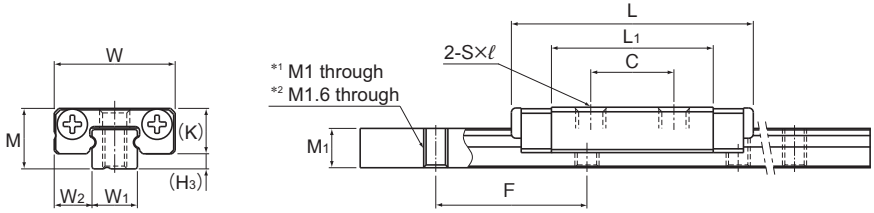
Models RSR-M, RSR-N, RSR-WM, RSR-WN, and RSR-WVM



Models RSR2N and RSR3M/N

Model No.	Outer dimensions			LM block dimensions										H_3
	Height M	Width W	Length L	B	C	S×ℓ	L_1	T	K	N	E	Lubrication hole d	Grease nipple	
RSR 2N RSR 2WN	3.2 4	6 10	12.4 16.7	—	4 6.5	M1.4 through M2 through	8.84 11.9	—	2.5 3	—	—	—	—	0.7 1
RSR 3M RSR 3N	4	8	12 16	—	3.5 5.5	M1.6 through M2 through	6.7 10.7	—	3	—	—	—	—	1
RSR 3WM RSR 3WN	4.5	12	14.9 19.9	—	4.5 8	M2 through	8.5 13.3	—	3.5	0.8	—	0.8	—	1
RSR 14WVM	15	50	50	35	18	M4×4.5	34.3	6	11.5	3	4	—	PB107	3.5

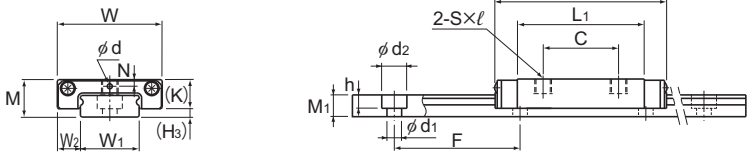
Note) Models RSR2N/WN and 3M/N do not have a lubrication hole. When lubricating them, apply a lubricant directly to the LM rail raceways.
Models RSR2N/WN and 3M/N do not have a contamination protection seal.

Model number coding

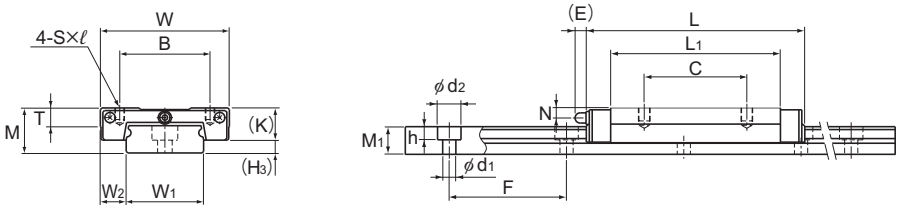
2 RSR3W M UU C1 +70L P M -II

- **2**: No. of LM blocks used on the same rail
- **RSR3W M**: Model number
- **UU**: Contamination protection accessory symbol
- **C1**: Radial clearance symbol — Normal (No symbol), Light preload (C1)
- **+70L**: LM rail length (in mm)
- **P**: Accuracy symbol — Normal grade (No Symbol)/Precision grade (P)
- **M**: Stainless steel LM rail
- **-II**: Symbol for No. of rails used on the same plane

Note) This model number indicates that a single-rail unit constitutes one set. (i.e., required number of sets when 2 rails are used in parallel is 2 at a minimum.)
No symbol for single LM block. See **A1-545** for contamination protection accessories. See **A1-74** for radial clearance symbol. See **A1-85** for accuracy symbol. See **A1-13** for symbol for number of rails used on the same plane.



Models RSR2WN and RSR3WM/WN



Model RSR14WVM

Unit: mm

	LM rail dimensions						Basic load rating		Static permissible moment N·m*						Mass	
	Width		Height	Pitch		Length*	C	C_0	M_A		M_B		M_C		LM block	LM rail
	W_1	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
	2 0 4 −0.03	2 3	2 2.6	8 10	See figure above*1 1.8×2.8×0.75	200	0.214 0.395	0.384 0.682	0.564 1.336	2.994 7.32	0.564 1.336	2.994 7.32	0.442 1.501		0.0008 0.0020	0.029 0.075
	3 0 −0.02	2.5	2.6	10	See figure above*2	220	0.18 0.3	0.27 0.44	0.293 0.726	2.11 4.33	0.293 0.726	2.11 4.33	0.45 0.73		0.0011 0.0016	0.055
	6 0 −0.02	3	2.6	15	2.4×4×1.5	335	0.25 0.39	0.47 0.75	0.668 1.57	4.44 9.06	0.668 1.57	4.44 90.6	1.48 2.36		0.002 0.003	0.12
	30 0 −0.05	10	9	40	4.5×7.5×5.3	1800	6.01	9.08	43.2	233	38.2	208	110		0.096	2

Note1) The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See A1-270.)
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: UU).
Since stainless steel is used in the LM block, LM rail and balls, these models are highly resistant to corrosion and environment.
Please be aware that balls will fall out if the LM block is removed from the LM rail.

Note2) The basic load rating in the dimension table is for a load in the radial direction. Use Table 7 on A1-61 to calculate the load rating for loads in the reverse radial direction or lateral direction.

Options⇒A1-505