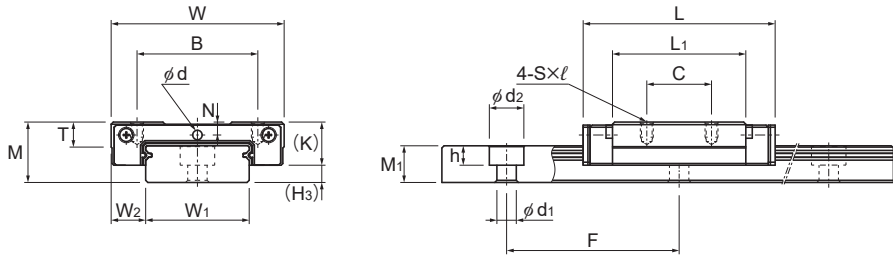


Models RSX-M1W and RSX-M1WN



Models RSX9M1W, RSX12M1W

Model No.	Outer dimensions			LM block dimensions										H ₃
	Height	Width	Length	B	C	S×ℓ	L ₁	T	K	N	E	Lubrication hole d	Grease nipple	
	M	W	L											
RSX 9M1W RSX 9M1WN	12	30	39 50.7	21 23	12 24	M3×2.8	27 38.7	—	8.3	2.3	—	1.6	—	3.7
RSX 12M1W RSX 12M1WN	14	40	44.5 59.5	28	15 28	M3×3.5	30.9 45.9	4.5	10	3	—	2	—	4
RSX 15M1W RSX 15M1WN	16	60	55.5 74.5	45	20 35	M4×4.5	38.9 57.9	5.6	12	3	4	—	PB107	4

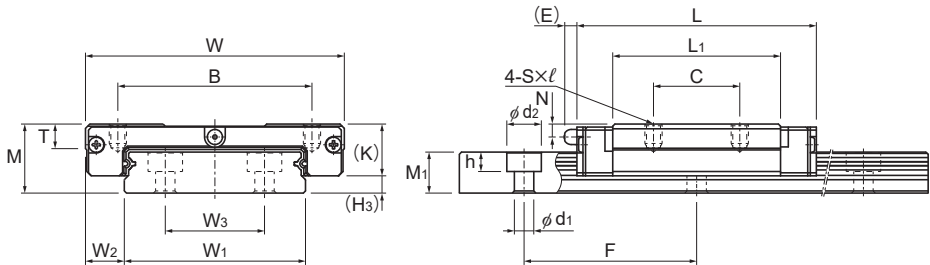
Model number coding

2 RSX12 M1 WN UU C1 +310L P T

2	RSX12	M1	WN	UU	C1	+310L	P	T
Model number	Type of LM block	Contamination protection accessory symbol (*2)	LM rail length (in mm)	Symbol for LM rail jointed use				
No. of LM blocks used on the same rail (*1)	Symbol for high temperature type LM Guide	Radial clearance symbol (*3) Normal (No symbol) Light preload (C1)	Accuracy symbol (*4) Normal grade (No symbol)/High accuracy grade (H) Precision grade (P)					

(*1) No symbol for 1 LM block.

(*2) See contamination protection accessories on **A1-543**. (*3) See **A1-73**. (*4) See **A1-85**.



Model RSX15M1W

Unit: mm

LM rail dimensions								Basic load rating		Static permissible moment N·m*					Mass	
Width W_1	W_2	W_3	Height M_1	Pitch F	Length* $d_1 \times d_2 \times h$	Max	C kN	C_0 kN	M_A		M_B		M_C	LM block kg	LM rail kg/m	
									1 block	2 blocks	1 block	2 blocks	1 block			
18	6	—	7.5	30	$3.5 \times 6 \times 4.5$	1430	2.8 3.48	4.28 5.81	18.5 33.2	99.3 172	21.4 38.3	115 199	40.5 54.9	0.035 0.048	1.01	
24	8	—	8.5	40	$4.5 \times 8 \times 4.5$	2000	4.46 5.93	6.31 9.46	30 64.7	171 332	30 64.7	171 332	79.2 119	0.075 0.091	1.52	
42	9	23	9.5	40	$4.5 \times 8 \times 4.5$	2000	7.43 9.87	10.1 15.2	61.4 133	343 670	61.4 133	343 670	211 316	0.17 0.195	2.87	

Note1) The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See [A1-384](#).)

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

2 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).

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.