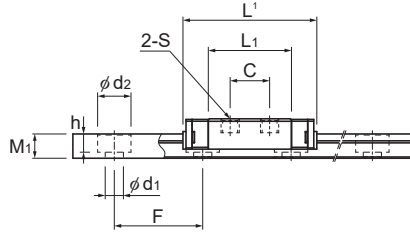
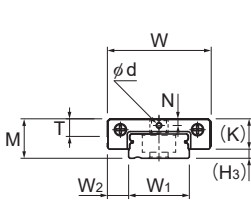
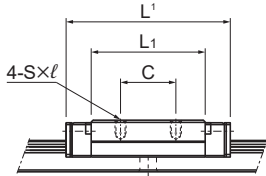


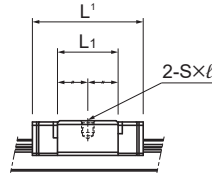
Models RSX-WSM, RSX-WM, and RSX-WNM



Models RSX5WM/WNM



Models RSX7 to 12WM/WNM



Models RSX7 to 12WSM

Model No.	Outer dimensions			LM block dimensions											H ₃
	Height	Width	Length ¹	B	C	S × l	L ₁	T	K	N	E	Lubrication hole d	Grease nipple		
	M	W	L												
RSX 5WM	6.5	17	22.1	—	6.5	M3 through	13.7	—	5	1.1	—	0.8	—	1.5	
RSX 5WNM	6.5	17	28.1	—	11	M3 through	19.7	—	5	1.1	—	0.8	—	1.5	
RSX 7WSM	9	25	22.5	19	—	M3×2.8	11.9	—	7	1.8	—	1.2	—	2	
RSX 7WM	9	25	31	19	10	M3×2.8	20.4	—	7	1.8	—	1.2	—	2	
RSX 7WNM	9	25	40.9	19	17	M3×2.8	30.3	—	7	1.8	—	1.2	—	2	
RSX 9WSM	12	30	26.5	21	—	M3×2.8	14.5	—	8.3	2.3	—	1.6	—	3.7	
RSX 9WM	12	30	39	21	12	M3×2.8	27	—	8.3	2.3	—	1.6	—	3.7	
RSX 9WNM	12	30	50.7	23	24	M3×2.8	38.7	—	8.3	2.3	—	1.6	—	3.7	
RSX 12WSM	14	40	30.5	28	—	M3×3.5	16.9	4.5	10	3	—	2	—	4	
RSX 12WM	14	40	44.5	28	15	M3×3.5	30.9	4.5	10	3	—	2	—	4	
RSX 12WNM	14	40	59.5	28	28	M3×3.5	45.9	4.5	10	3	—	2	—	4	
RSX 15WSM	16	60	41.5	45	—	M4×4.5	24.9	5.6	12	3	4	—	PB107	4	
RSX 15WM	16	60	55.5	45	20	M4×4.5	38.9	5.6	12	3	4	—	PB107	4	
RSX 15WNM	16	60	74.5	45	35	M4×4.5	57.9	5.6	12	3	4	—	PB107	4	

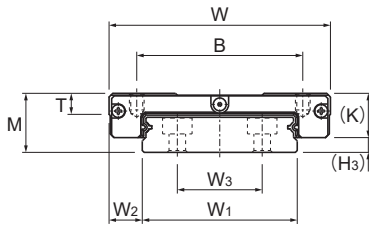
Model number coding

2 RSX12WM UU C1 +230L P M - II

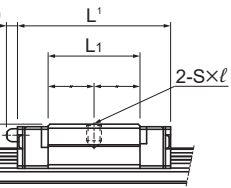
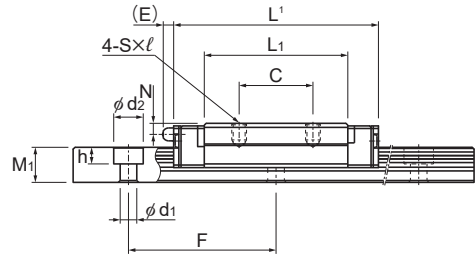
Model number	Contamination protection accessory symbol	LM rail length (in mm)	Stainless steel LM rail	Symbol for No. of rails used on the same plane
No. of LM blocks used on the same rail	Radial clearance symbol Normal (No symbol) Light preload (C1)		Accuracy symbol Normal grade (No Symbol)/High accuracy grade (H) Precision grade (P)	

Notes: 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 **A1-547** for contamination protection accessories. See **A1-73** 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 RSX15WM/WNM



Model RSX15WSM

Unit: mm

	LM rail dimensions							Basic load rating ¹⁾		Static permissible moment N·m ⁴⁾					Mass	
	Width		Height	Pitch	Length ²⁾	C	C ₀	M _A		M _B		M _C	LM block	LM rail		
	W ₁ _{-0.02}	W ₂						1 block	2 blocks	1 block	2 blocks	1 block			kg	kg/m
	10	3.5	—	4	20	3×5.5×3	220	0.5	0.82	1.79	11.1	2.1	13	4.18	0.006	0.276
	10	3.5	—	4	20	3×5.5×3	220	0.64	1.17	3.54	19.6	4.15	23	5.97	0.008	0.276
	14	5.5	—	5.2	30	3.5×6×3.2	480	1.06	1.35	2.58	20	2.96	23.1	9.95	0.011	0.54
	14	5.5	—	5.2	30	3.5×6×3.2	480	1.63	2.51	8.08	46.9	9.32	54.2	18.5	0.018	0.54
	14	5.5	—	5.2	30	3.5×6×3.2	480	2.12	3.66	16.6	87.7	19.2	101	27	0.027	0.54
	18	6	—	7.5	30	3.5×6×4.5	1430	1.73	2.14	5.15	36.9	5.92	42.6	20.2	0.018	1.01
	18	6	—	7.5	30	3.5×6×4.5	1430	2.8	4.28	18.5	99.3	21.4	115	40.5	0.035	1.01
	18	6	—	7.5	30	3.5×6×4.5	1430	3.48	5.81	33.2	172	38.3	199	54.9	0.048	1.01
	24	8	—	8.5	40	4.5×8×4.5	2000	3.05	3.68	11.1	72.6	11.1	72.6	46.2	0.033	1.52
	24	8	—	8.5	40	4.5×8×4.5	2000	4.46	6.31	30	171	30	171	79.2	0.075	1.52
	24	8	—	8.5	40	4.5×8×4.5	2000	5.93	9.46	64.7	332	64.7	332	119	0.091	1.52
	42	9	23	9.5	40	4.5×8×4.5	2000	5.59	6.78	29	178	29	178	140	0.083	2.87
	42	9	23	9.5	40	4.5×8×4.5	2000	7.43	10.1	61.4	343	61.4	343	211	0.17	2.87
	42	9	23	9.5	40	4.5×8×4.5	2000	9.87	15.2	133	670	133	670	316	0.195	2.87

¹⁾ Length L shown in the table is the length with the contamination protection accessories (code: UU).

²⁾ The maximum length indicates the standard maximum length of an LM rail. (See **A1-268**.)

³⁾ The basic load rating is for a load in the radial direction.

Use **A1-61** on Table 7 to calculate the load rating for loads in the reverse-radial direction or lateral direction.

⁴⁾ Static permissible moment 1 block: the static permissible moment with one LM block

2 blocks: the static permissible moment with two LM blocks in close contact with each other

Notes: Since stainless steel is used in the LM block, LM rail, and balls, these models are highly resistant to corrosion and environment.

Using a lubrication hole other than for greasing may cause damage.