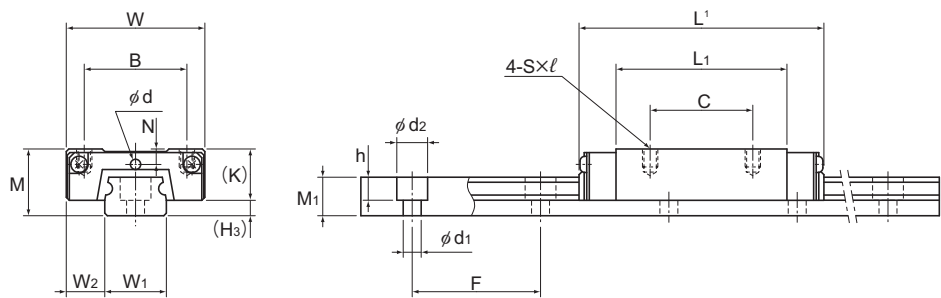


Models RSR-M1K, RSR-M1V, and RSR-M1N

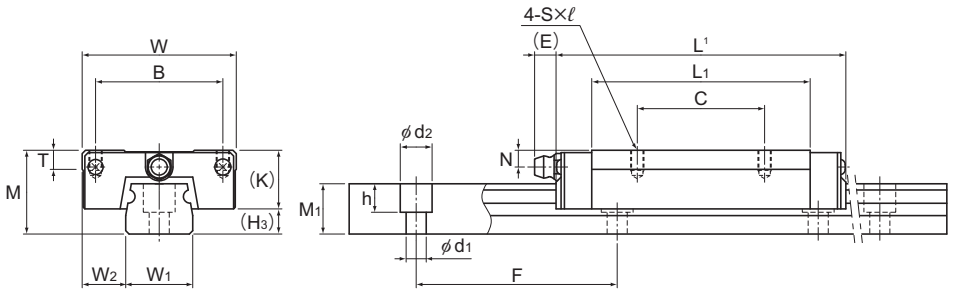


Models RSR9M1K/9M1N and RSR12M1V/M1N

Model No.	Outer dimensions			LM block dimensions										H ₃
	Height	Width	Length ¹									Lubrication hole	Grease nipple	
	M	W	L	B	C	S×ℓ	L ₁	T	K	N	E	d		
RSR 9M1K RSR 9M1N	10	20	30.8 41	15	10 16	M3×3	19.8 29.8	—	7.8	—	—	—	—	2.2
RSR 12M1V RSR 12M1N	13	27	35 47.7	20	15 20	M3×3.5	20.6 33.3	—	10	3	—	2	—	3
RSR 15M1V RSR 15M1N	16	32	43 61	25	20 25	M3×4	25.7 43.5	—	12	3.5	3.6 3.7	—	PB107	4
RSR 20M1V RSR 20M1N	25	46	66.5 86.3	38	38	M4×6	45.2 65	5.7	17.5	5	6.4	—	A-M6F	7.5

Model number coding

2	RSR15	M1	V	UU	C1	+230L	P	T	-II
Model number		Type of LM block	Contamination protection accessory symbol	LM rail length (in mm)		Symbol for LM rail jointed use		Symbol for No. of rails used on the same plane	
No. of LM blocks used on the same rail		Symbol for high temperature type LM Guide	Radial clearance symbol Normal (No symbol) Light preload (C1)	Accuracy symbol Normal grade (No Symbol)/High accuracy grade (H) Precision grade (P)					



Models RSR15 and 20M1V/M1N

Unit: mm

	LM rail dimensions						Basic load rating ³⁾		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	W ₂	M ₁	F	d ₁ × d ₂ × h	Max	kN	kN	1 block		2 blocks		1 block		kg	kg/m
9	⁰ _{-0.02}	5.5	5.5	20	3.5 × 6 × 3.3	1240	1.47 2.6	2.25 3.96	7.34 18.4	43.3 97	7.34 18.4	43.3 97	10.4 18.4	0.018 0.027		0.32
12	⁰ _{-0.025}	7.5	7.5	25	3.5 × 6 × 4.5	1430	2.65 4.3	4.02 6.65	11.4 28.9	74.9 163	10.1 25.5	67.7 145	19.2 31.8	0.037 0.055		0.58
15	⁰ _{-0.025}	8.5	9.5	40	3.5 × 6 × 4.5	1600	4.41 7.16	6.57 10.7	23.7 63.1	149 330	21.1 55.6	135 293	38.8 63	0.069 0.093		0.925
20	⁰ _{-0.03}	13	15	60	6 × 9.5 × 8.5	1800	8.82 14.2	12.7 20.6	75.4 171	435 897	66.7 151	389 795	96.6 157	0.245 0.337		1.95