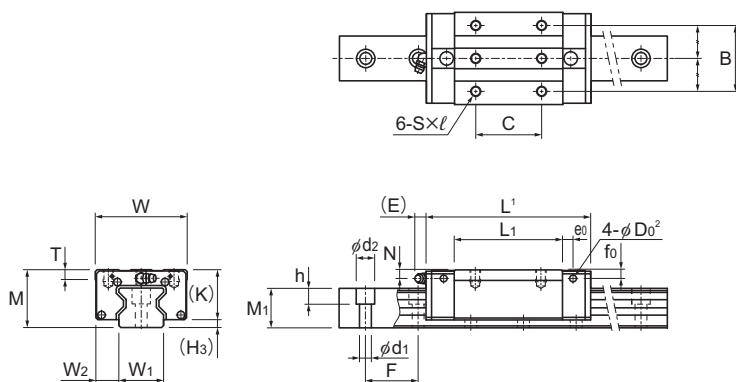


Models SRN-R, SRN-LR, and SRN-SLR



Models SRN35 and 45 R/LR

Model No.	Outer dimensions			LM block dimensions									Pilot hole for side nipple			H ₃
	Height	Width	Length ¹	B	C	S×ℓ	L ₁	T	K	N	E	Grease nipple	e ₀	f ₀	D ₀ ²	
	M	W	L													
SRN 35R SRN 35GR	44	70	125	50	50	M8×9	82.2	10.8	38	6.5	12	B-M6F	8	7	5.2	6
SRN 35LR SRN 35GLR	44	70	155	50	72	M8×9	112.2	10.8	38	6.5	12	B-M6F	8	7	5.2	6
SRN 35SLR SRN 35GSLR	44	70	180.8	50	100	M8×9	138	10.8	38	6.5	12	B-M6F	8	7	5.2	6
SRN 45R SRN 45GR	52	86	155	60	60	M10×11	107	10.8	45	7	12	B-M6F	8.5	7.6	5.2	7
SRN 45LR SRN 45GLR	52	86	190	60	80	M10×11	142	10.8	45	7	12	B-M6F	8.5	7.6	5.2	7
SRN 45SLR SRN 45GSLR	52	86	231.5	60	120	M10×11	183.5	10.8	45	7	12	B-M6F	8.5	7.6	5.2	7

Model number coding

SRN45 LR 2 QZ KK C0 +1200L P Z T - II

Model
number

Type of
LM block

No. of LM blocks
used on the same
rail

With QZ
lubricator

Contamination
protection
accessory
symbol

Radial clearance symbol
Normal (No symbol)
Light preload (C1)
Medium preload (C0)

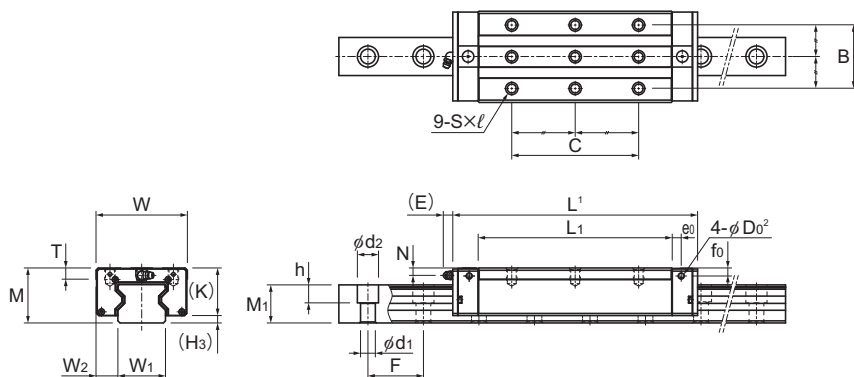
LM rail length
(in mm)

Accuracy symbol
High accuracy grade (H)/Precision grade (P)/Super precision grade (SP)
Ultra precision grade (UP)

With plate
cover

Symbol for LM rail
jointed use

Symbol for No. of
rails used on the
same plane



Models SRN35 and 45 SLR

Unit: mm

LM rail dimensions							Basic load rating ¹		Static permissible moment kN·m ²					Mass	
Width	Height	Pitch			Length ³	C	C ₀	M _A		M _B		M _C		LM block	LM rail
W ₁ 0 -0.05	W ₂	M ₁	F	d ₁ ×d ₂ ×h	Max	kN	kN	1 block	2 blocks	1 block	2 blocks	1 block		kg	kg/m
34	18	30	40	9×14×12	3000	59.1 55.3	119 131	1.66 1.77	10.1 11.1	1.66 1.77	10.1 11.1	2.39 2.69		1.1	6.9
34	18	30	40	9×14×12	3000	76 71.4	165 182	3.13 3.39	17 18.8	3.13 3.39	17 18.8	3.31 3.74		1.5	6.9
34	18	30	40	9×14×12	3000	87.9 83.4	199 222	4.53 5	23.9 26.6	4.53 5	23.9 26.6	4.09 4.56		1.8	6.9
45	20.5	36	52.5	14×20×17	3090	91.9 87.8	192 216	3.49 3.9	20 22.5	3.49 3.9	20 22.5	4.98 5.87		2	11.3
45	20.5	36	52.5	14×20×17	3090	115 110	256 288	6.13 6.87	32.2 36.3	6.13 6.87	32.2 36.3	6.64 7.83		2.6	11.3
45	20.5	36	52.5	14×20×17	3090	139 133	328 368	9.99 11.1	50 56	9.99 11.1	50 56	8.91 10		3.4	11.3