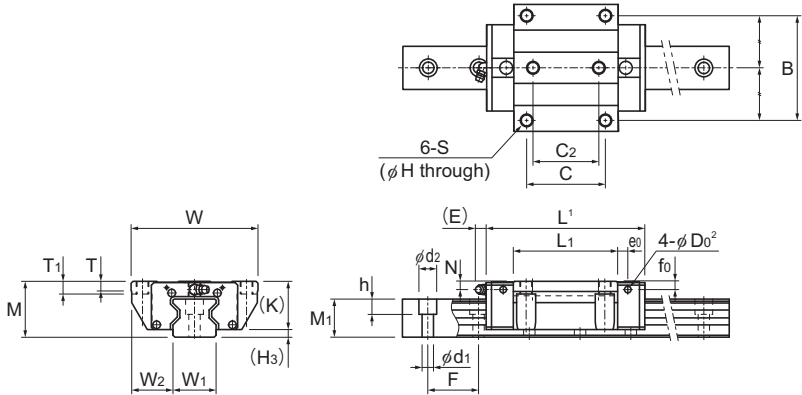


Models SRN-C, SRN-LC, and SRN-SLC



Models SRN35 and 45 C/LC

Model No.	Outer dimensions			LM block dimensions													Pilot hole for side nipple			
	Height	Width	Length ¹												Grease nipple	e ₀	f ₀	D ₀ ²		
	M	W	L	B	C	C ₂	S	H	L ₁	T	T ₁	K	N	E						
SRN 35C SRN 35GC	44	100	125	82	62	52	M10	8.5	82.2	11.6	10	38	6.5	12	B-M6F	8	7	5.2	6	
SRN 35LC SRN 35GLC	44	100	155	82	62	52	M10	8.5	112.2	11.6	10	38	6.5	12	B-M6F	8	7	5.2	6	
SRN 35SLC SRN 35GSLC	44	100	180.8	82	100	—	M10	8.5	138	11.7	10	38	6.5	12	B-M6F	8	7	5.2	6	
SRN 45C SRN 45GC	52	120	155	100	80	60	M12	10.5	107	16.5	15	45	7	12	B-M6F	8.5	7.6	5.2	7	
SRN 45LC SRN 45GLC	52	120	190	100	80	60	M12	10.5	142	16.5	15	45	7	12	B-M6F	8.5	7.6	5.2	7	
SRN 45SLC SRN 45GSLC	52	120	231.5	100	120	—	M12	10.5	183.5	16.5	15	45	7	12	B-M6F	8.5	7.6	5.2	7	

Model number coding

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

Model
number

Type of
LM block

With QZ
lubricator

No. of LM blocks
used on the same
rail

Contamination
protection
accessory
symbol

Radial clearance symbol
Normal (No symbol)/Light preload (C1)
Medium preload (C0)/Heavy preload (CN1)
Super heavy preload (CN2)

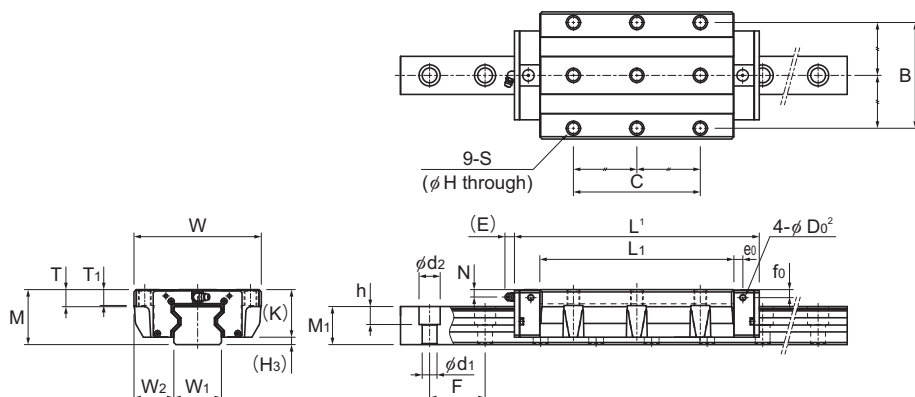
LM rail length
(in mm)

With plate
cover

Symbol for LM rail
jointed use

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

Symbol for No. of
rails used on the
same plane



Models SRN35 and 45 SLC

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	33	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	1.5	6.9
	34	33	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	2.3	6.9
	34	33	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	2.8	6.9
	45	37.5	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	3.1	11.3
	45	37.5	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	4.1	11.3
	45	37.5	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	5.4	11.3