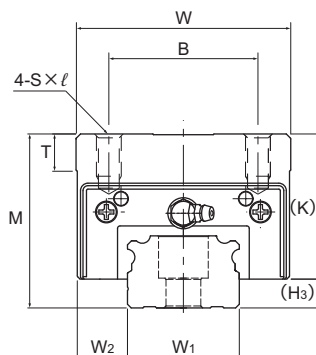


Models SVR-RH, SVR-LRH, SVS-RH, and SVS-LRH



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													
SVR 35RH SVS 35RH	55	70	109.5	50	50	M8×12	79	11.7	46	23.1	12	B-M6F	6	19	5.2	9
SVR 35LRH SVS 35LRH	55	70	135	50	72	M8×12	104.5	11.7	46	23.1	12	B-M6F	6	19	5.2	9
SVR 45RH SVS 45RH	70	86	138.2	60	60	M10×17	105	14.7	58.4	31.9	16	B-PT1/8	8.5	26	5.2	11.6
SVR 45LRH SVS 45LRH	70	86	171	60	80	M10×17	137.8	14.7	58.4	31.9	16	B-PT1/8	8.5	26	5.2	11.6
SVR 55RH SVS 55RH	80	100	163.3	75	75	M12×18	123.6	17.7	66	33.6	16	B-PT1/8	10	27	5.2	14
SVR 55LRH SVS 55LRH	80	100	200.5	75	95	M12×18	160.8	17.7	66	33.6	16	B-PT1/8	10	27	5.2	14

Model number coding

SVR35 RH 2 QZ TTHH C0 +920L H T - II

Model No.

Type of
LM block

With QZ
Lubricator

Contamination
protection accessory
symbol

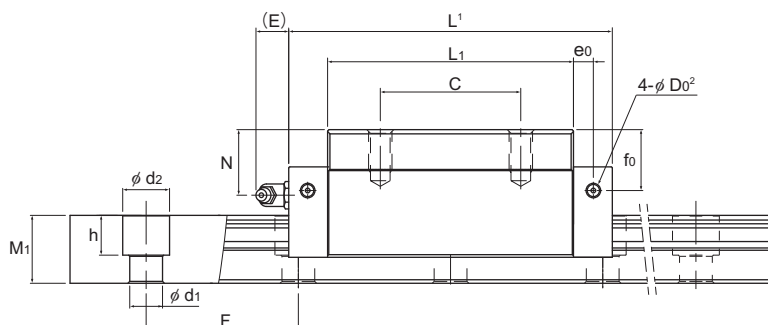
No. of LM blocks
used on the same rail

LM rail length (in mm)
Radial clearance symbol
Normal (No symbol)
Light preload (C1)
Medium preload (C0)

Symbol for
LM rail jointed use

Symbol for No. of rails
used on the same plane

Accuracy symbol
Normal grade (No Symbol)/High accuracy grade (H)
Precision grade (P)/Super precision grade (SP)
Ultra precision grade (UP)



Unit: mm

	LM rail dimensions						Basic load rating ⁴		Static permissible moment kN·m ⁵					Mass	
	Width	Height	Pitch	Length ³	C	C ₀	M _A	M _B	M _C	LM block	LM rail	kg	kg/m		
	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			
	34	18	24.5	80	9×14×12	3000	89.6 68.6	116 88.6	1.26 1	6.91 5.49	0.769 0.927	4.2 5.09	1.64 1.2	1.5	6.0
	34	18	24.5	80	9×14×12	3000	112 86.1	160 123	2.35 1.88	11.5 9.15	1.42 1.73	6.91 8.46	2.26 1.67	2	6.0
	45	20.5	29	105	14×20×17	3090	138 105	186 142	2.76 2.19	13.7 10.9	1.67 2.02	8.3 10.1	3.5 2.6	3.1	9.5
	45	20.5	29	105	14×20×17	3090	161 123	233 178	4.52 3.58	22.1 17.5	2.74 3.31	13.4 16.2	4.6 3.44	4.1	9.5
	53	23.5	36.5	120	16×23×20	3060	177 136	235 180	3.99 3.17	20.6 16.4	2.42 2.93	12.4 15.1	5.07 3.76	4.7	14
	53	23.5	36.5	120	16×23×20	3060	214 164	309 237	6.8 5.4	32.7 26	4.1 4.99	19.7 24	6.67 4.96	6.2	14