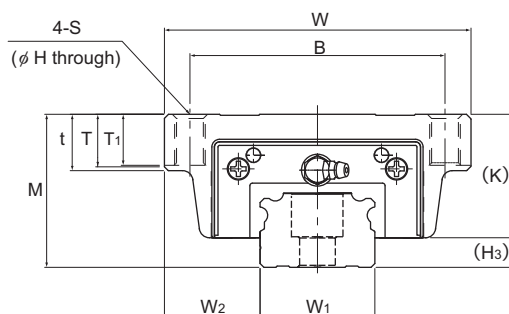


Models SVR-CH, SVR-LCH, SVS-CH, and SVS-LCH



Model No.	Outer dimensions			LM block dimensions													Pilot hole for side nipple			H ₃
	Height	Width	Length ¹	B	C	S	H	L ₁	t	T	T ₁	K	N	E	Grease nipple	e ₀	f ₀	D ₀ ²		
	M	W	L																	
SVR 35CH SVS 35CH	48	100	109.5	82	62	M10	8.5	79	20	19	16	39	16.1	12	B-M6F	6	12	5.2	9	
SVR 35LCH SVS 35LCH	48	100	135	82	62	M10	8.5	104.5	20	19	16	39	16.1	12	B-M6F	6	12	5.2	9	
SVR 45CH SVS 45CH	60	120	138.2	100	80	M12	10.5	105	22	20.5	20	48.4	21.9	16	B-PT1/8	8.5	16	5.2	11.6	
SVR 45LCH SVS 45LCH	60	120	171	100	80	M12	10.5	137.8	22	20.5	20	48.4	21.9	16	B-PT1/8	8.5	16	5.2	11.6	
SVR 55CH SVS 55CH	70	140	163.3	116	95	M14	12.5	123.6	24	22.5	22	56	23.6	16	B-PT1/8	10	17	5.2	14	
SVR 55LCH SVS 55LCH	70	140	200.5	116	95	M14	12.5	160.8	24	22.5	22	56	23.6	16	B-PT1/8	10	17	5.2	14	

Model number coding

SVR45 LCH 2 QZ TTHH C0 +1200L P T - II

Model No.

Type of LM block

With QZ Lubricator

Contamination protection accessory symbol

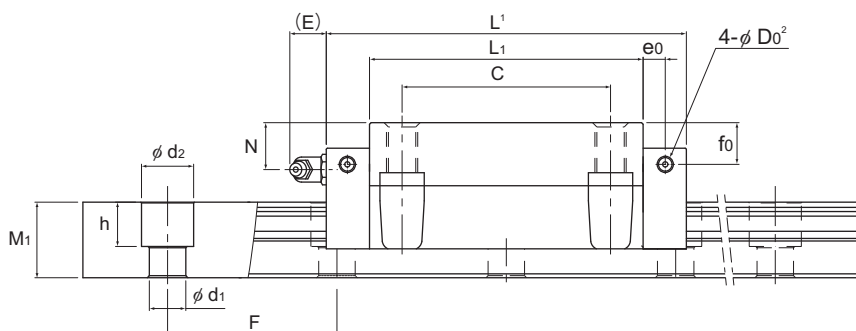
LM rail length (in mm)
Radial clearance symbol
Normal (No symbol)
Light preload (C1)
Medium preload (C0)

Symbol for LM rail jointed use

Accuracy symbol
Normal grade (No 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

No. of LM blocks used on the same rail



Unit: mm

	LM rail dimensions						Basic load rating ⁴		Static permissible moment kN·m ⁵					Mass	
	Width		Height	Pitch		Length ³	C	C ₀						LM block	LM rail
	W_1		M_1	F	$d_1 \times d_2 \times h$	Max	kN	kN						kg	kg/m
	0-0.05	W_2							1 block	2 blocks	1 block	2 blocks	1 block		
	34	33	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	1.7	6.0
	34	33	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	2.2	6.0
	45	37.5	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	3.3	9.5
	45	37.5	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	4.3	9.5
	53	43.5	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	5.1	14
	53	43.5	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	6.6	14