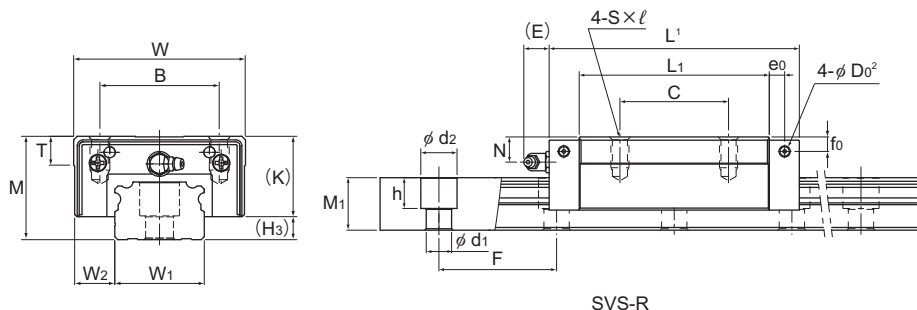


Models SVS-R and SVS-LR



Model No.	Outer dimensions			LM block dimensions										Pilot hole for side nipple			
	Height	Width	Length ¹									Grease nipple					
	M	W	L	B	C	S×ℓ	L ₁	T	K	N	E		e ₀	f ₀	D ₀ ²		
SVS 25R SVS 25LR	31	50	82.8 102	32	35 50	M6×8	61.4 80.6	9.7	25.5	7.8	12	B-M6F	4.5	5.1	3.9	5.5	
SVS 30R SVS 30LR	38	60	98 120.5	40	40 60	M8×10	72.1 94.6	9.7	31	10.3	12	B-M6F	6.5	7	3.9	7	
SVS 35R SVS 35LR	44	70	109.5 135	50	50 72	M8×12	79 104.5	11.7	35	12.1	12	B-M6F	6	8	5.2	9	
SVS 45R SVS 45LR	52	86	138.2 171	60	60 80	M10×17	105 137.8	14.7	40.4	13.9	16	B-PT1/8	8.5	8	5.2	11.6	
SVS 55R SVS 55LR	63	100	163.3 200.5	65	75 95	M12×18	123.6 160.8	17.7	49	16.6	16	B-PT1/8	10	10	5.2	14	
SVS 65R SVS 65LR	75	126	186 246	76	70 110	M16×20	143.6 203.6	21.6	60	19	16	B-PT1/8	8.7	15	8.2	15	

Model number coding

SVS45 LR 2 QZ TTHH C0 +1200L P T - II

Model No.

Type of
LM block

With QZ
Lubricator

Contamination
protection accessory
symbol

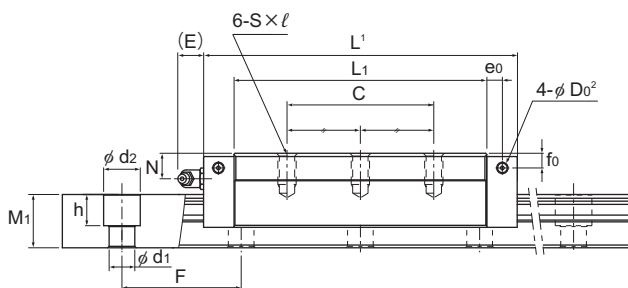
LM rail length (in mm)
Radial clearance symbol
Normal (No symbol)
Light preload (C1)
Medium preload (C0)

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



SVS-LR

Unit: mm

	LM rail dimensions						Basic load rating ⁴		Static permissible moment kN·m ⁵						Mass	
	Width W ₁ 0 -0.05	Height W ₂	Pitch M ₁	Pitch F	Length ³ d ₁ ×d ₂ ×h Max	C kN	C ₀ kN	 M _A		 M _B		 M _C		LM block kg	LM rail kg/m	
								1 block	2 blocks	1 block	2 blocks	1 block				
25	12.5	17	40	6×9.5×8.5	3000	37 43.7	52.2 66.1	0.479 0.75	2.41 3.71	0.443 0.693	2.23 3.43	0.525 0.665	0.4 0.5	2.9		
28	16	21	80	7×11×9	3000	52 64.4	70.1 95.2	0.722 1.31	3.86 6.3	0.667 1.21	3.58 5.83	0.798 1.08	0.7 0.9	4.2		
34	18	24.5	80	9×14×12	3000	68.6 86.1	88.6 123	1 1.88	5.49 9.15	0.927 1.73	5.09 8.46	1.2 1.67	1 1.3	6.0		
45	20.5	29	105	14×20×17	3090	105 123	142 178	2.19 3.58	10.9 17.5	2.02 3.31	10.1 16.2	2.6 3.44	1.8 2.3	9.5		
53	23.5	36.5	120	16×23×20	3060	136 164	180 237	3.17 5.4	16.4 26	2.93 4.99	15.1 24	3.76 4.96	3.3 4.3	14		
63	31.5	43	150	18×26×22	3000	208 260	269 370	5.76 10.7	27.7 49.6	5.33 9.88	25.6 45.8	6.66 9.16	6.0 8.5	19.6		