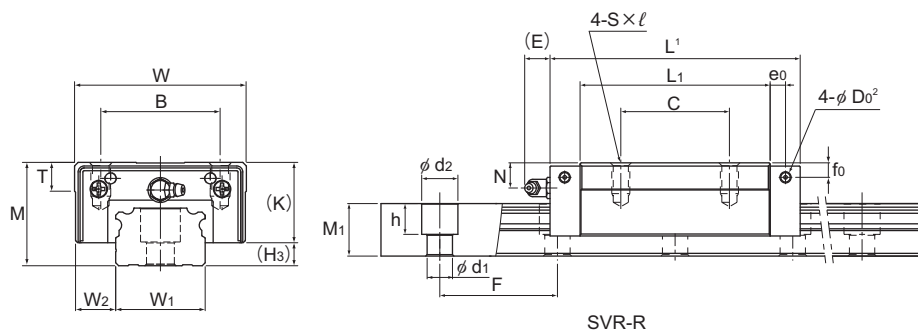


Models SVR-R and SVR-LR



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	
SVR 25R SVR 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
SVR 30R SVR 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
SVR 35R SVR 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
SVR 45R SVR 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
SVR 55R SVR 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
SVR 65R SVR 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

SVR45 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)

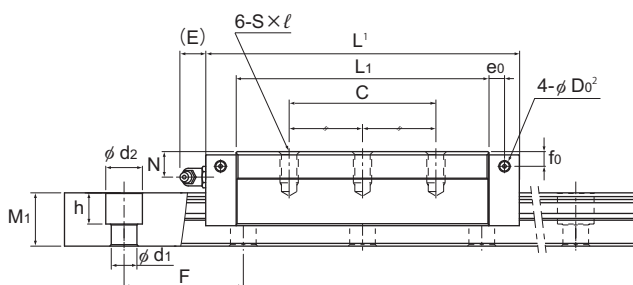
Radial clearance symbol
Normal (No symbol)
Light preload (C1)
Medium preload (C0)

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



SVR-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 F		Length ³ Max	C kN	C ₀ kN							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	48.2 57	68.1 86.3	0.602 0.944	3.02 4.67	0.365 0.57	1.83 2.81	0.71 0.9	0.4 0.5	2.9	
	28	16	21	80	7×11×9	3000	67.9 84	91.6 124	0.907 1.64	4.85 7.92	0.552 0.991	2.94 4.76	1.08 1.47	0.7 0.9	4.2	
	34	18	24.5	80	9×14×12	3000	89.6 112	116 160	1.26 2.35	6.91 11.5	0.769 1.42	4.2 6.91	1.64 2.26	1 1.3	6.0	
	45	20.5	29	105	14×20×17	3090	138 161	186 233	2.76 4.52	13.7 22.1	1.67 2.74	8.3 13.4	3.5 4.6	1.8 2.3	9.5	
	53	23.5	36.5	120	16×23×20	3060	177 214	235 309	3.99 6.8	20.6 32.7	2.42 4.1	12.4 19.7	5.07 6.67	3.3 4.3	14	
	63	31.5	43	150	18×26×22	3000	271 339	352 484	7.26 13.5	34.9 62.6	4.4 8.14	21.1 37.6	9 12.4	6.0 8.5	19.6	