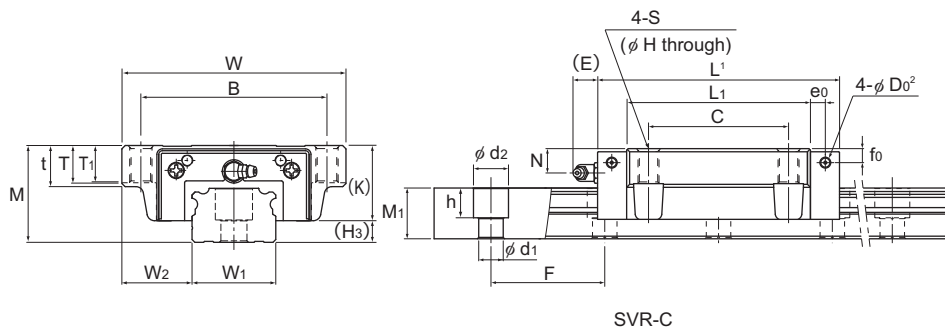


Models SVR-C and SVR-LC



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 25C SVR 25LC	31	72	82.8 102	59	45	M8	6.8	61.4 80.6	16	14.8	12	25.5	7.8	12	B-M6F	4.5	5.1	3.9	5.5
SVR 30C SVR 30LC	38	90	98 120.5	72	52	M10	8.5	72.1 94.6	18.1	16.9	14	31	10.3	12	B-M6F	6.5	7	3.9	7
SVR 35C SVR 35LC	44	100	109.5 135	82	62	M10	8.5	79 104.5	20.1	18.9	16	35	12.1	12	B-M6F	6	8	5.2	9
SVR 45C SVR 45LC	52	120	138.2 171	100	80	M12	10.5	105 137.8	22.1	20.6	20	40.4	13.9	16	B-PT1/8	8.5	8	5.2	11.6
SVR 55C SVR 55LC	63	140	163.3 200.5	116	95	M14	12.5	123.6 160.8	24	22.5	22	49	16.6	16	B-PT1/8	10	10	5.2	14
SVR 65C SVR 65LC	75	170	186 246	142	110	M16	14.5	143.6 203.6	28	26	25	60	19	16	B-PT1/8	8.7	15	8.2	15

Model number coding

SVR45 LC 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)

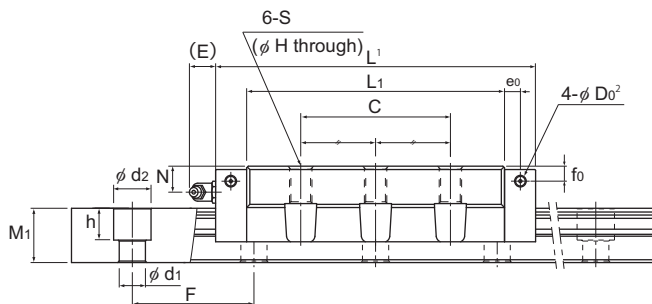
Radial clearance symbol
Normal (No symbol)
Light preload (C1)
Medium preload (C0)

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-LC

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
	$\begin{matrix} W_1 \\ 0 \\ -0.05 \end{matrix}$	W_2	M_1	F	$d_1 \times d_2 \times h$	Max	kN	kN	1 block	2 blocks	1 block	2 blocks	1 block		kg	kg/m
	25	23.5	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		0.6 0.8	2.9
	28	31	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		1.1 1.5	4.2
	34	33	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		1.6 2	6.0
	45	37.5	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		2.7 3.6	9.5
	53	43.5	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		4.5 5.9	14
	63	53.5	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		7.8 11.0	19.6