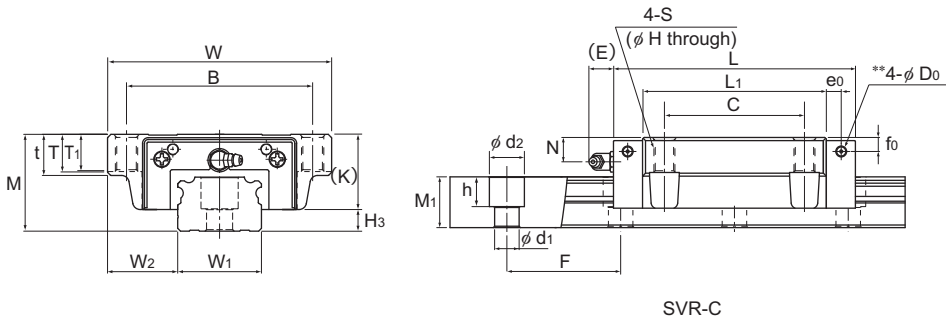


# Models SVR-C and SVR-LC



SVR-C

Model No.	Outer dimensions			LM block dimensions																Grease nipple	H <sub>3</sub>
	Height	Width	Length	B	C	S	H	L <sub>1</sub>	t	T	T <sub>1</sub>	K	N	f <sub>0</sub>	E	e <sub>0</sub>	D <sub>0</sub>				
	M	W	L	B	C	S	H	L <sub>1</sub>	t	T	T <sub>1</sub>	K	N	f <sub>0</sub>	E	e <sub>0</sub>	D <sub>0</sub>				
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	5.1	12	4.5	3.9	B-M6F	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	7	12	6.5	3.9	B-M6F	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	8	12	6	5.2	B-M6F	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	8	16	8.5	5.2	B-PT1/8	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	10	16	10	5.2	B-PT1/8	14		
SVR 65C SVR 65LC	75	170	186 246	142	110	M16	14.5	143.6 203.6	28	26	25	60	19	15	16	8.7	8.2	B-PT1/8	15		

## Model number coding

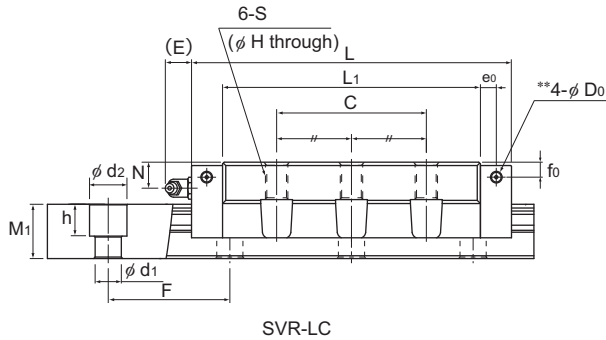
**SVR45 LC 2 QZ TTHH C0 +1200L P T - II**

Model No.	Type of LM block	With QZ Lubricator	Contamination protection accessory symbol (*1)	LM rail length (in mm) Radial clearance symbol (*2) Normal (No symbol) Light preload (C1) Medium preload (C0)	Symbol for LM rail jointed use Accuracy symbol (*3) 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 (*4)
	No. of LM blocks used on the same rail					

(\*1) See contamination protection accessory on **A1-494**. (\*2) See **A1-70**. (\*3) See **A1-76**. (\*4) See **A1-13**.

Note) This model number indicates that an LM block and an LM rail constitute one set (i.e., the required number of sets when 2 rails are used in parallel is 2).

Those models equipped with QZ Lubricator cannot have a grease nipple. When desiring a grease nipple for a model attached with QZ, contact THK.



SVR-LC

Unit: mm

LM rail dimensions						Basic load rating		Static permissible moment kN-m*					Mass	
Width	Height	Pitch	Length	C	C <sub>0</sub>	M <sub>a</sub>		M <sub>b</sub>		M <sub>c</sub>	LM block	LM rail		
W <sub>1</sub> 0 -0.05	W <sub>2</sub>	M <sub>1</sub>	F	d <sub>1</sub> × d <sub>2</sub> × h	Max*	kN	kN	1 block	Double blocks	1 block	Double 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

Note) Pilot holes for side nipples\*\* are not drilled through in order to prevent foreign material from entering the product. THK will mount grease nipples per your request. Therefore, do not use the side nipple pilot holes\*\* for purposes other than mounting a grease nipple.  
In case of oil lubrication, be sure to let THK know the mounting orientation and the exact position in each LM block where the piping joint should be attached.  
For the mounting orientation and the lubrication, see [A1-12](#) and [A24-2](#), respectively.  
The maximum length under "Length\*" indicates the standard maximum length of an LM rail. (See [A1-134](#).)  
Static permissible moment\*: 1 block: static permissible moment value with 1 LM block  
Double blocks: static permissible moment value with 2 blocks closely contacting with each other