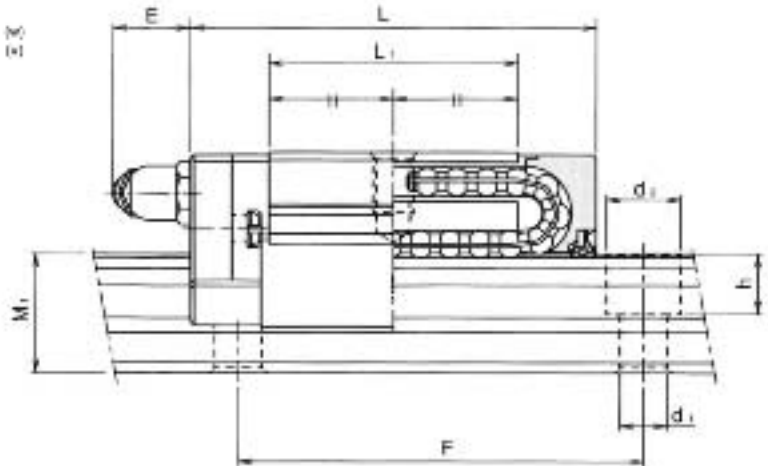
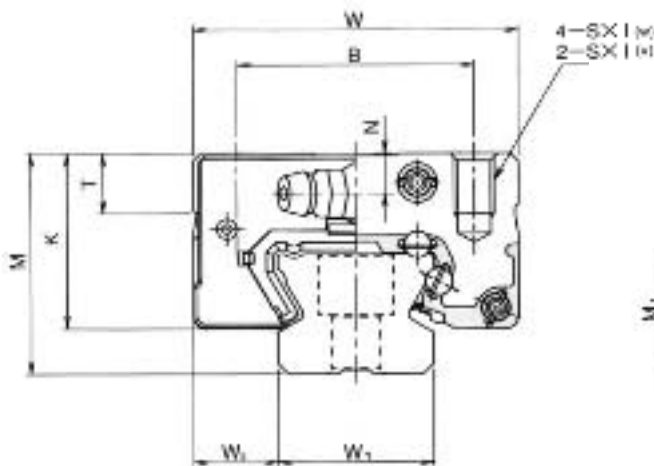




High Rigidity Radial Type LM Guides

FEATURES

- High radial rigidity
- Very smooth motion under radial load conditions
- Global standard dimensions
- Low noise
- Long-term, maintenance-free operation
- Excellent high-speed performance and long life
- Rolling resistance variation is reduced to 1/10 of conventional full ball type

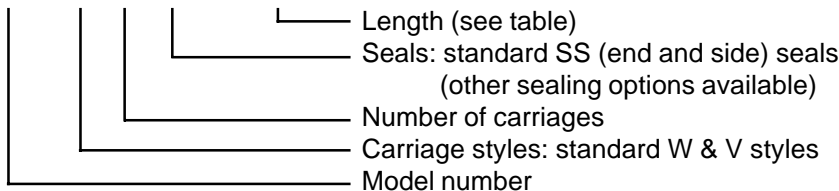


V Carriage Style

THK Model Number	Outline Dimensions			LM Block Dimensions									Grease Fitting
	Height H	Width W	Length L	B	C	S	I	L1	T	K	N	E	
SSR15W	24	34	57	26	26	M4	7	39.9	7	19.5	4.5	5.5	Drive in nipple
SSR15V	24	34	40.4	26	-	M4	7	23.3	7	19.5	4.5	5.5	Drive in nipple
SSR20W	28	42	66.5	32	32	M5	8	46.6	8.5	22	5.5	12	B-M6F
SSR20V	28	42	47.7	32	-	M5	8	27.3	8.5	22	5.5	12	B-M6F
SSR25W	33	48	83	35	35	M6	9	59.8	9	26.2	6	12	B-M6F
SSR25V	33	48	60	35	-	M6	9	36.8	9	29.2	6	12	B-M6F

Catalog Number Logic

SSR20 W 2 SS + 220L

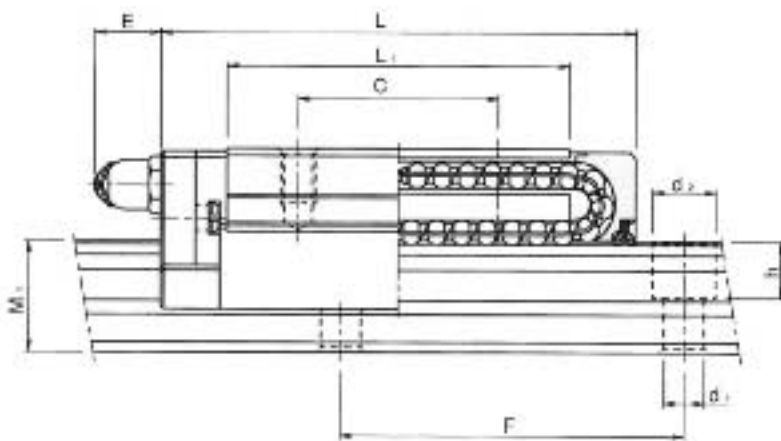


Please contact Techno for additional requirements

Type SSR with Caged Ball™ Technology



LM Guide type SSR is equipped with four rows of balls optimally configured for the highest load carrying capacity in radial direction. This product also incorporates the revolutionary Caged Ball™ design that eliminates wear caused by friction between balls, thus improving the service life of the grease, achieving low noise and pleasing running sound, and increasing high-speed performance. In addition, the ball cage significantly improves the smoothness of motion in vertical applications by uniformly arranging the balls within the block regardless of its orientation. The blocks are equipped with polyurethane seals on both ends and the bottom to help keep lubricants in and dirt and debris out.



W Carriage Style



LM Rail Dimensions					Basic Load Rating		Weight	
Width W ₁	W ₂	Height M ₁	Pitch F	d ₁ x d ₂ x h	C	C ₀	LM Block	LM Rail
					kN	kN	kg	kg/m
15	9.5	12.5	60	4.5x7.5x5.3	14.7	16.5	0.15	1.2
15	9.5	12.5	60	4.5x7.5x5.3	9.1	9.7	0.08	1.2
20	11	15.5	60	6x9.5x8.5	19.6	23.4	0.25	2.1
20	11	15.5	60	6x9.5x8.5	13.4	14.4	0.14	2.1
23	12.5	18	60	7x11x9	31.5	36.4	0.4	2.7
23	12.5	18	60	7x11x9	21.7	22.5	0.23	2.7

Available Options:

1. Other Carriage Styles
2. Nonstandard Radial Clearances
3. Stainless Steel Carriages and Rails
4. Different Lubrication Types
5. Higher Accuracy Grades

Standard Lengths - mm

	SSR15	SSR20	SSR25
	160	220	520
	340	460	-
	640	1000	1000
	-	1240	1540
	1540	1540	1900
Max Length*	3000	3000	3000

Note: Standard distance from the end of the rail to the first mounting hole is 30 mm.

* Distance from the end of the rail to the first mounting hole is 30 mm.