

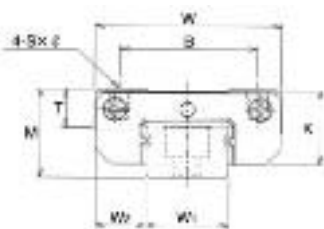


Compact LM Guides

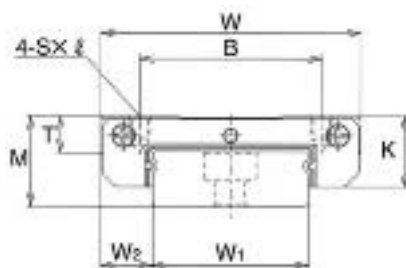
FEATURES

- 4-way equal load rating
- Compact and lightweight
- Made out of 400-series stainless steel
- Standard and wide configurations are available
- Retained (blocks and rails are NOT interchangeable)
- Long-term, maintenance-free operation
- Low noise and particle generation
- Super smooth movement (particularly suitable for vertical applications)
- Excellent high-speed performance and long service life

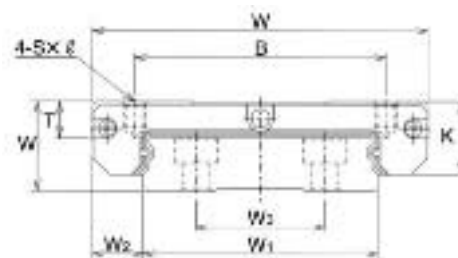
2 Rails, Carriages And Bearings



Sizes: 9, 12 and 15



Sizes: 9W and 12W

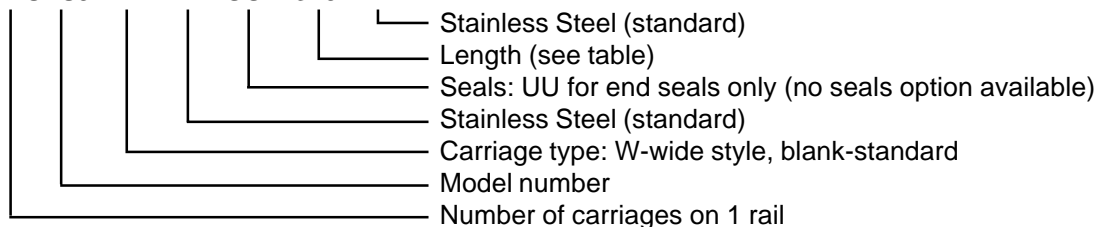


Size: 15W

THK Model Number	Outline Dimensions			LM Block Dimensions							LM Rail Dimensions					
	Height	Width	Length	B	C	S	I	L1	T	K	Width	W2	W3	Height	Pitch	d1xd2xh
	M	W	L								W1			M1	F	
SRS9M	10	20	30.8	15	10	M3	2.8	19.8	4.9	9.1	9	5.5	-	5.5	20	3.5x6x3.3
SRS9WM	12	30	39	21	12	M3	2.8	27	4.9	9.1	18	6	-	7.5	30	3.5x6x4.5
SRS12M	13	27	34.4	20	15	M3	3.2	20.6	5.7	11	12	7.5	-	7.5	25	3.5x6x4.5
SRS12WM	14	40	44.5	28	15	M3	3.5	30.9	5.7	11	24	8	-	8.5	40	4.5x8x4.5
SRS15M	16	32	43	25	20	M3	3.5	25.7	6.5	13.3	15	8.5	-	9.5	40	3.5x6x4.5
SRS15WM	16	60	55.5	45	20	M4	4.5	38.9	6.5	13.3	42	9	23	9.5	40	4.5x8x4.5

Catalog Number Logic

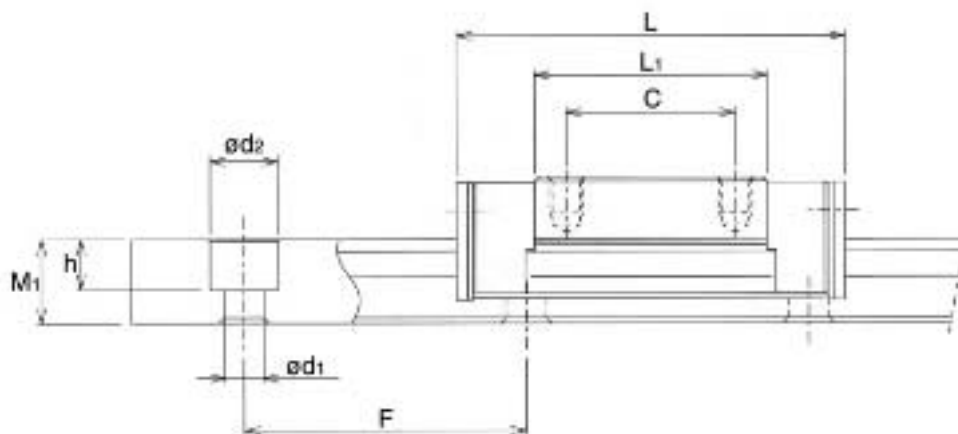
2 SRS9 W M UU + 375L M



Type SRS with Caged Ball™ Technology

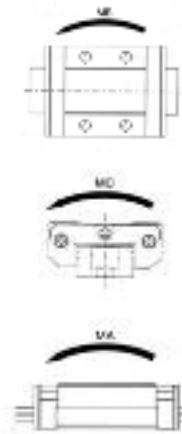


The SRS type LM Guide with Caged Ball™ Technology features two rows of raceways for a compact body construction. This guide can be used on a single axis in locations where space is limited, load is applied in various directions, and moment loads are present. The cage incorporated into the rolling elements' design eliminates friction between adjacent balls to provide long-term, low-noise, high-speed operation that is maintenance-free.



2 Rails, Carriages And Bearings

Basic Load Rating		Permissible Static Moment			Weight	
C	C ₀	M _A	M _B	M _C	LM Block	LM Rail
kN	kN	Nm	Nm	Nm	kg	kg/m
2.7	2.31	7	8.3	10.6	0.016	0.32
3.3	3.34	13.8	16.5	31.5	0.031	1.01
4	3.53	12.1	12.1	23.1	0.027	0.65
5.5	5.3	25.1	25.1	66.5	0.055	1.52
6.7	5.7	24.7	24.7	40.4	0.047	0.96
9.1	8.55	51.5	51.5	177	0.13	2.87



Available Options:

1. Nonstandard Radial Clearances
2. Different Lubrication Types
3. Higher Accuracy Grades

Standard Lengths - mm

	SRS9	SRS12	SRS15	SRS9W	SRS12W	SRS15W
(1 carriage)	175	270	390	170	270	430
(2 carriages)	375	570	870	320	550	790

Please contact Techno for additional requirements