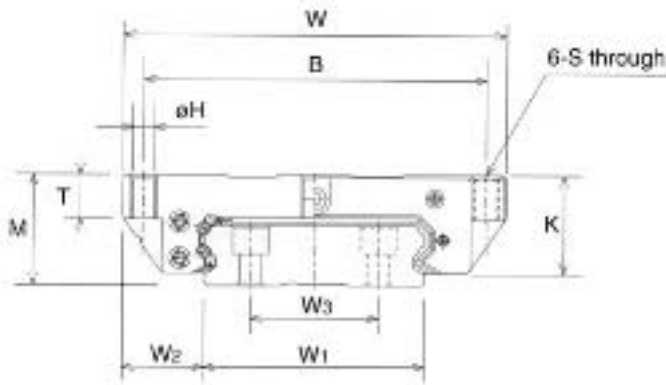




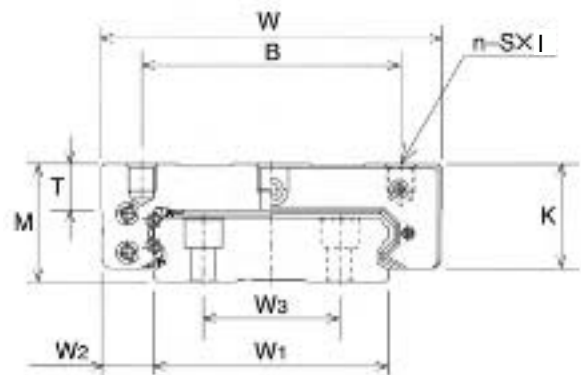
Low Profile, Wide Rail LM Guides for Moment Loads

FEATURES

- 4-way equal load rating
- Self-aligning capability
- High rigidity against moment loads
- Retained (interchangeable blocks and rails)
- Low dust generation
- Excellent high-speed operation and a long service life
- Super smooth motion



A Carriage Style

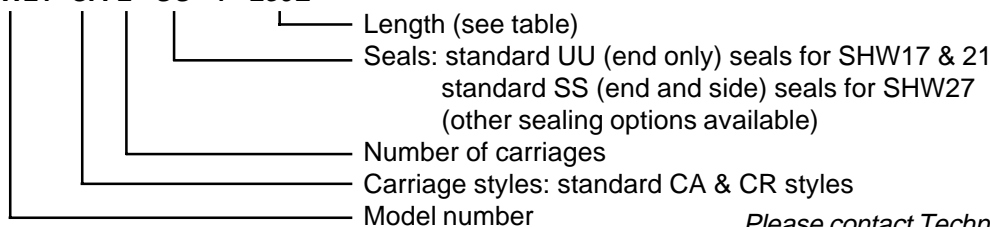


R Carriage Style

THK Model Number	Outline Dimensions			LM Block Dimensions									Weight	
	Height M	Width W	Length L	B	C	S	I	H	n	L1	T	K	LM Block kg	LM Rail kg/m
SHW17CA	17	60	51	53	26	M4	-	3.3	6	38	6	14.5	0.15	1.9
SHW17CR	17	50	51	29	15	M4	5	-	4	38	6	14.5	0.13	1.9
SHW21CA	21	68	59	60	29	M5	-	4.4	6	43.6	8	17.7	0.24	2.9
SHW21CR	21	54	59	31	19	M5	6	-	4	43.6	8	17.7	0.19	2.9
SHW27CA	27	80	73	70	40	M6	-	5.3	6	56.6	10	23.5	0.47	4.5
SHW27CR	27	62	73	46	32	M6	6	-	6	56.6	10	23.5	0.36	4.5

Catalog Number Logic

SHW21 CA 2 UU + 230L

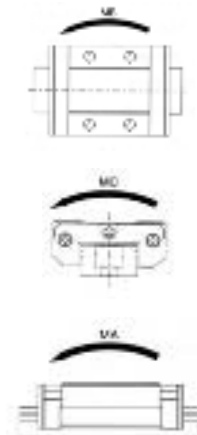
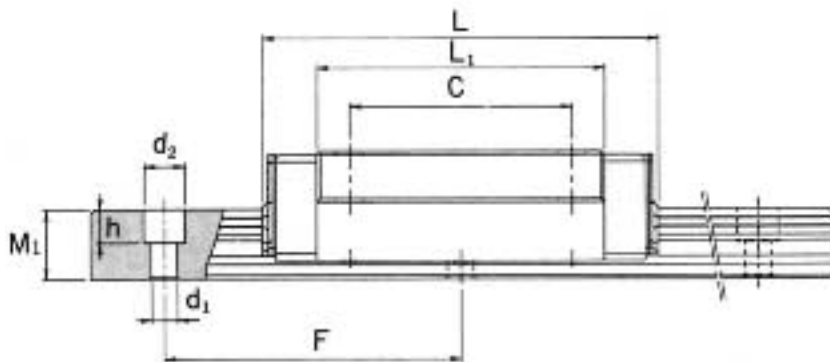


Please contact Techno for additional requirements



Type SHW with Caged Ball™ Technology

Caged Ball™ Technology is incorporated into an ultra-wide highly rigid LM Guide type SHW. This product features low noise levels, excellent high-speed operation characteristics and long-term maintenance-free operation. Its design conforms to that of the HRW type (same global standard dimensions) and continues the HRW tradition of wide rails and low center of gravity. This construction makes SHW the ideal choice for locations where space is very limited and high rigidity under the rolling moment (M_c) is required.



LM Rail Dimensions						Basic Load		Permissible Static Moment		
Width	W ₂	W ₃	Height	Pitch	d ₁ x d ₂ x h	C	C ₀	MA	MB	MC
W ₁			M ₁	F		kN	kN	kNm	kNm	kNm
33	13.5	18	8.6	40	4.5x7.5x5.3	7.7	10.2	0.058	0.058	0.16
33	8.5	18	8.6	40	4.5x7.5x5.3	7.7	10.2	0.058	0.058	0.16
37	15.5	22	11	50	4.5x7.5x5.3	8.2	12.8	0.08	0.08	0.22
37	8.5	22	11	50	4.5x7.5x5.3	8.2	12.8	0.08	0.08	0.22
42	19	24	15	60	4.5x7.5x5.3	16	22.7	0.19	0.19	0.42
42	10	24	15	60	4.5x7.5x5.3	16	22.7	0.19	0.19	0.42

Available Options:

1. Non-Standard Radial Clearances
2. Stainless Steel Carriages and Rails (for SHW17 only)
3. Different Lubrication Types
4. Higher Accuracy Grades

Standard Lengths - mm

SHW17	SHW21	SHW27
160	230	280
480	480	640
1000*	780	820
	1900**	1540
		3000***

Note: Standard distance from the end of the rail to the first mounting hole is 15 mm.

For the Maximum Rail Lengths denoted by asterisks, the distance from the end of the rail to the first mounting hole is:
 * = 20 mm · ** = 25 mm · *** = 30 mm