

Miniature Linear Guides - Wide Rails

Wide Standard Blocks, Light Preload / Slight Clearance

Features: Wide Block Type of MISUMI original specifications. Larger screw size have enhanced fastening strength compared to standard products.

MISUMI Original

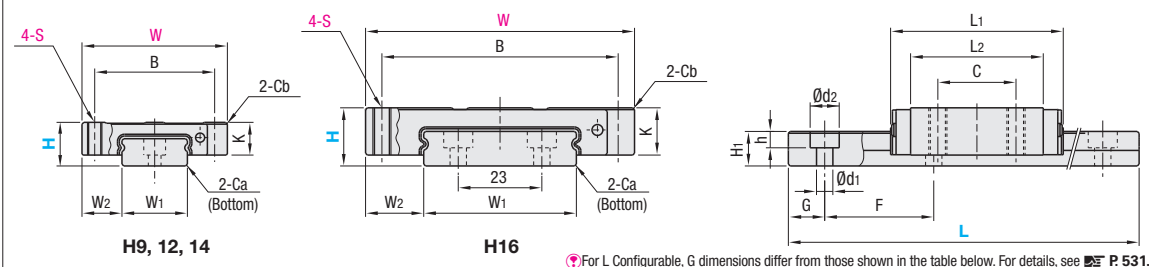


RoHS

Blocks and rails are not sold as separate items. Sets of blocks and rails have a guaranteed radial clearance and accuracy.

Material Hardness	Type		L Dimension	Number of Blocks
	Light Preload High Grade	Slight Clearance Standard Grade		
Standard Materials	Stainless Steel 56HRC~	SSEBWM	SSEBWMZ	Selectable
		SSE2BWM	SSE2BWMZ	2
		SSEBWML	SSEBWMZ	1
		SSE2BWML	SSE2BWMZ	2
	Carbon Steel 58HRC~	SEBWM	SEBWMZ	Selectable
		SE2BWM	SE2BWMZ	2
		SEBWML	SEBWMLZ	1
		SE2BWML	SE2BWMLZ	2

Heat Resistant Temperature: -20 ~ 80°C



For L Configurable, G dimensions differ from those shown in the table below. For details, see P.531.

Precautions for Use

- Blocks are equipped with retainers (wire) to prevent balls from falling out.
- For proper block handling, see P.525.
- Radial clearances and accuracies are not guaranteed if the blocks and rails are interchanged from the original set combinations.
- Straight grooves are provided on datum planes. When using, be sure to match the datum lines.
- Rails cannot be connected end to end.
- The accuracy of Linear Guides are guaranteed after mounting the rail (fastening screws on the rail and pushing it onto the datum plane). Minor bending of the rail will be adjusted after being mounted and will not affect the performance.

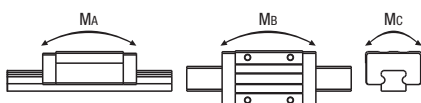
Others

- Filled with Lithium soap based grease (Multemp Grease PS2 by Kyodo Yushi Co., Ltd.).
- For operating life calculations please see P.527, or by using our free software at, http://www.misumi-usa.com/lg-bs_software/

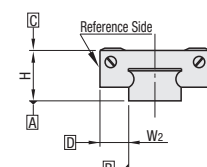
Part Number		H	L	Block Dimension								Guide Rail Dimension								
Type	W			L1	B	C	S	L2	K	Cb	W1	W2	H1	Ca	Counterbored Hole		F	G		
															d1	d2xh				
❖Dimensions in () are for 2-Block Type.			9	50~290 (110)	36	31.1	29	12	M4	20.1	7	0.3	14	11	5.2	0.5	3.5x6x3.2	30	10	
Stainless Steel Standard Specifications SSEBWM SSE2BWM SSEBWML SSE2BWML		SSEBWMZ SSE2BWMZ SSEBWM LZ SSE2BWM LZ		12	50~290 (110)	40	38	33	12	M4	27	9	0.3	18	11	7.5	0.5	3.5x6x4.5	30	10
Carbon Steel SEBWM SE2BWM SEBWML SE2BWML		SEBWMZ SE2BWMZ SEBWM LZ SE2BWM LZ		14	70~470 (150)	51	44.3	44	15	M4	30.1	11	0.5	24	13.5	8	0.5	4.5x8x4.5	40	15
				16	70~670 (190)	74	55	65	20	M5	40	13	0.5	42	16	9.5	0.5	4.5x8x4.5	40	15

kgf=Nx0.101972

H	Basic Load Rating/Allowable Static Moment			Mass		
	C (Dynamic) kN	Co (Static) kN	MA N·m	MB N·m	MC N·m	Block kg
9	1.4	2.2	7.8	7.8	15.5	0.035
12	2.3	3.7	13.7	16.3	30.4	0.06
14	3.5	5.3	20.6	22.3	52.1	0.11
16	5.8	8.5	40.2	43.6	148	0.2



Preload and Accuracy Standards



Specifications	Light Preload, High Grade	Slight Clearance, Standard Grade
Radial Clearance	-3~0	0~+15
Height H Tolerance	±20	±20
Pair Variation of Height H	15	40
Width W2 Tolerance	±25	±25
Pair Variation of Width W2	20	40
Running Parallelism of Plane C against Plane A	See P.525	
Running Parallelism of Plane D against Plane A		

Slight Clearance Type has clearance (Gap) between rails and blocks.
If precision / rigidity is required, select Light Preload Type.