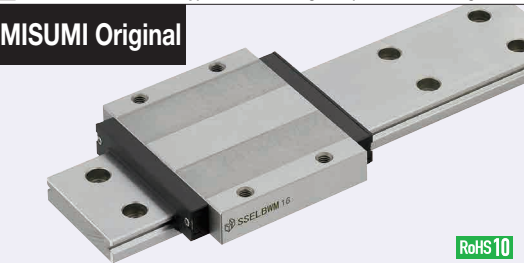


Miniature Linear Guides - Wide Rails

Wide Long Blocks, Light Preload

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

MISUMI Original

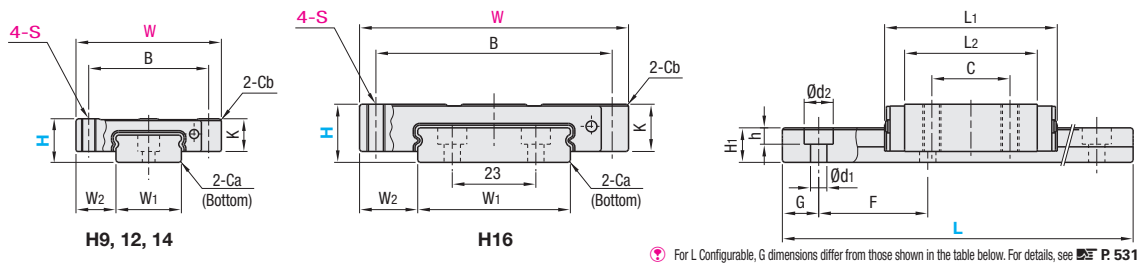


RoHS10

❗ Blocks and rails are not sold as separate items. This Type has guaranteed radial clearances and accuracies as sets of blocks and rails.

Material Hardness	Type	L Dimension	Number of Blocks
	Light Preload High Grade		
Stainless Steel 56HRC~	SSELBWM	Selectable	1
	SSEL2BWM		2
	SSELBWML	Configurable	1
	SSEL2BWML		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 off.
 - For how to handle the blocks, 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.
 - Be sure to match the datum lines when using.
 - ❗ Rails cannot be connected end to end.
 - ❗ The accuracy of Linear Guides is guaranteed after mounting the rail (after 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 Calculation, see P.527
 - For operating life calculations, use our free calculation software from http://download.misumi.jp/mol/fa_soft.html.

Part Number		L	Block Dimension								Guide Rail Dimension						
Type	H		W	L ₁	B	C	S	L ₂	K	Cb	W ₁	W ₂	H ₁	Ca	Counterbored Hole	F	G
															d ₁ x ₂ x _h		
SSELBWM SSEL2BWM SSELBWML SSEL2BWML	9	80~290 (110)	36	43.5	29	19	M4	32.5	7	0.3	14	11	5.2	0.5	3.5x6x3.2	30	10
	12	80~290 (110)	40	51.6	33	24	M4	40.6	9	0.3	18	11	7.5	0.5	3.5x6x4.5	30	10
	14	110~470 (150)	51	61.6	44	28	M4	47.4	11	0.5	24	13.5	8	0.5	4.5x8x4.5	40	15
	16	110~670 (190)	74	74.9	65	35	M5	59.9	13	0.5	42	16	9.5	0.5	4.5x8x4.5	40	15

ⓘDimensions in () are for 2-Block Type.

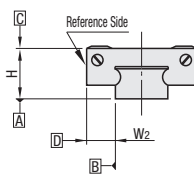
❗ Dimensions in () are for 2-Block Type.

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	1.7	4.0	12.1	12.1	28.8	0.05
12	2.6	5.3	20.2	20.2	49.5	0.09
14	3.9	8.5	38.6	38.6	104.6	0.16
16	7.2	14.3	86.0	86.0	305.2	0.3

MA MB MC

Preload and Accuracy Standards



Unit: μm

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

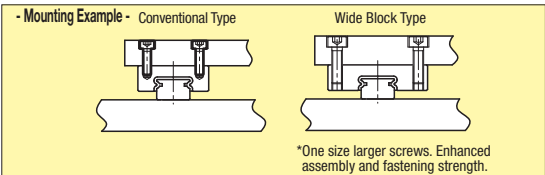
H	Selectable L	Unit Price	
		SSELBWM	SSEL2BWM
9	80		-
	110		
	140		
	170		
	200		
	230		
	260		
12	290		
	80		-
	110		
	140		
	170		
	200		
	230		
14	260		
	290		
	110		-
	150		
	190		
	230		
	270		
16	310		
	350		
	390		
	430		
	470		
	110		-
	150		-
	190		
	230		
	270		
	310		
	350		
	390		
	430		
	470		
	510		
	550		
	590		
	630		
	670		

L Dimension Configurable Type (1mm Increment)

H	Unit Price	
	SSELBWML	SSEL2BWML
9		
12		
14		
16		

❗ For calculation of L Dimension Configurable Type (1mm Increment), add the above amount to the unit price of the Selectable Type longer than, and closest to this L Dimension Configurable Type.

Example



Ordering Example

Part Number - L

SSELBWM12 - 200 (L Type Greased)

SSELBWM12L - 200 (L Type Greased)

SSELBWM12G - 200 (G Type Greased)

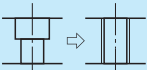
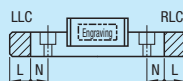
Alternative grease types available

P.531

Alterations

Part Number - L - (MC, RLC, LLC)

SSEL2BWML16 - 450 - MC

Alterations	Code	Spec.															
Tapped Hole 	MC	Changes the rail mounting holes from counterbored holes to tapped holes. <table><tr><td>H</td><td>MC</td></tr><tr><td>9</td><td>M4</td></tr><tr><td>12</td><td></td></tr><tr><td>14</td><td>M5</td></tr><tr><td>16</td><td></td></tr></table>	H	MC	9	M4	12		14	M5	16						
H	MC																
9	M4																
12																	
14	M5																
16																	
Rail End Cut 	Left End Cut LLC Right End Cut RLC	Cuts rail ends. Ordering Code: LLC <table><tr><td>H</td><td>L Cut</td><td>N</td></tr><tr><td>9</td><td></td><td>5</td></tr><tr><td>12</td><td>5</td><td></td></tr><tr><td>14</td><td></td><td>10</td></tr><tr><td>16</td><td></td><td></td></tr></table> ❗ Applicable to Selectable Type only. ❗ Overall length will be shorter by cutting.	H	L Cut	N	9		5	12	5		14		10	16		
H	L Cut	N															
9		5															
12	5																
14		10															
16																	

Options for Linear Guide

Position Retaining Parts	Block / Rail Fixing Parts
Stopper Bolts	■ Rail Push Plates
	■ Linear Locks
	■ Linear Guide Lock Units