

# Miniature Linear Guides - Wide Rails

Long Blocks with Dowel Holes, Light Preload

= For customers selecting MISUMI original specifications =  
 MISUMI original specifications are compliant with the standard specifications (Stainless Steel, Light Preload, High Grade Type). Select the block from this spec.

■ Features: MISUMI original specifications with dowel holes. Requires less time for assembly and has better repeatability.

MISUMI Original

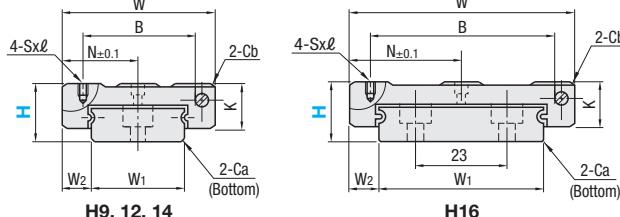
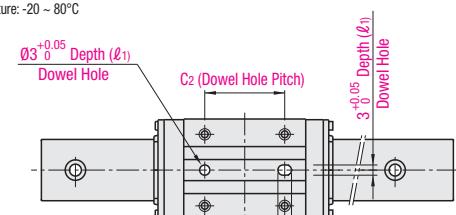


RoHS10

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

Material	Type	L Dimension	Number of Blocks
Stainless Steel 56HRC~	SSELBWN	Selectable	1
Stainless Steel 56HRC~	SSEL2BWN	2	
Stainless Steel 56HRC~	SSELBWNL	1	
Stainless Steel 56HRC~	SSEL2BWNL	2	
Carbon Steel 58HRC~	SELBWN	Selectable	1
Carbon Steel 58HRC~	SEL2BWN	2	
Carbon Steel 58HRC~	SELBWNL	1	
Carbon Steel 58HRC~	SEL2BWNL	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](http://download.misumi.jp/mol/fa_soft.html).

Dimensions in ( ) are for 2-Block Type.

Stainless Steel Standard Specifications

SSELBWN

SELBWN

SSEL2BWN

SEL2BWN

SSELBWNL

SELBWNL

SSEL2BWNL

SEL2BWNL

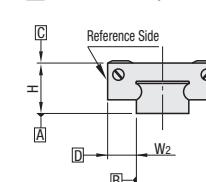
kgf=N×0.101972

H	Basic Load Rating		Allowable Static Moment		Mass		
	C (Dynamic) kN	M <sub>a</sub> (Static) kN	M <sub>b</sub> N·m	M <sub>c</sub> N·m	M <sub>d</sub> N·m	Block kg	Guide Rail kg/m
9	1.7	4.0	12.1	12.1	28.8	0.035	0.50
12	2.6	5.3	20.2	20.2	49.5	0.06	0.96
14	3.9	8.5	38.6	38.6	104.6	0.12	1.40
16	7.2	14.3	86.0	86.0	305.2	0.23	2.95



■ Preload and Accuracy Standards

Specifications		Light Preload, High Grade
Radial Clearance	-3~0	
Height H Tolerance	±20	
Pair Variation of Height H	15	
Width W <sub>2</sub> Tolerance	±25	
Pair Variation of Width W <sub>2</sub>	20	
Running Parallelism of Plane C against Plane A	See P 525	
Running Parallelism of Plane D against Plane A		



H	L	Unit Price			
		Stainless Steel	Carbon Steel	SELBWN	SEL2BWN
80					
110					
140					
170					
200					
230					
260					
290					
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170					
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