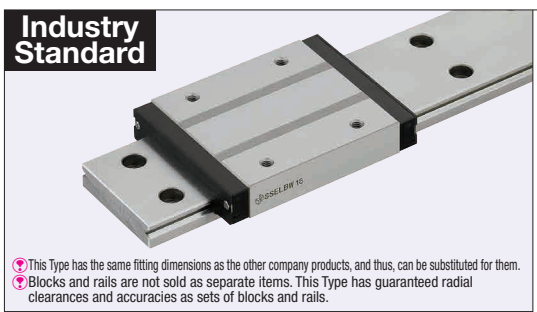


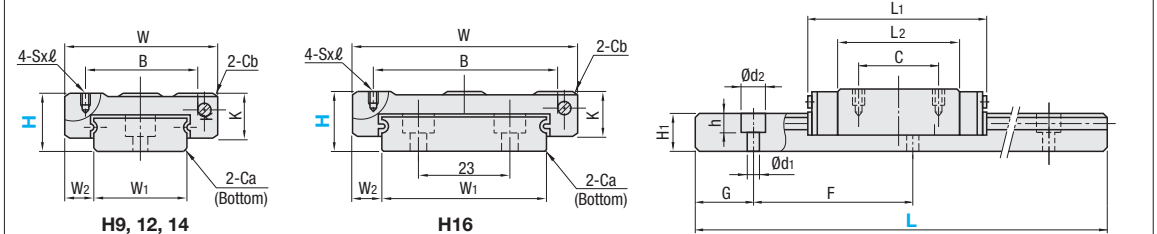
Miniature Linear Guides - Wide Rail - Long Blocks, Light Preload

= For customers using industry standard products =
 frame-surrounded products (Stainless Steel, Light Preload, High Grade Type) are compliant with the industry standard specifications.



Material	Hardness	Type			L Dimension	Number of Blocks
		Light Preload High Grade	Precision Grade	Slight Clearance Standard Grade		
Stainless Steel (440C Stainless Steel Materials) 56HRC~	Industry Standard Materials	SSELBW	SSELBWV	SSELBWZ	Selectable	1
		SSEL2BW	SSEL2BWV	SSEL2BWZ	Selectable	2
		SSELBWL	SSELBWLW	SSELBWLZ	Configurable	1
		SSEL2BWL	SSEL2BWLW	SSEL2BWLZ	Configurable	2
		SELBW	SELBWV	SELBWZ	Selectable	1
Carbon Steel 58HRC~		SEL2BW	SEL2BWV	SEL2BWZ	Selectable	2
		SELBWL	SELBWLW	SELBWLZ	Configurable	1
		SEL2BWL	SEL2BWLW	SEL2BWLZ	Configurable	2

Heat Resistant Temperature: -20~80°C



For L Dimension Configurable Type, G dimensions differ from those shown in the table below. For details, see P475.

- Precautions for Use**
 - Blocks are equipped with retainers (wire) to prevent balls from derailing. For blocks, refer to P469.
 - 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.
 - Running parallelism is the value measured after the rail is mounted (it is not the value measured before the rails are fastened with screws).
- Others**
 - Filled with Lithium soap based grease (Multemp Grease PS2 by Kyodo Yushi Co., Ltd.).
 - For Operating Life Calculation P471

Part Number	Type	H	L	Block Dimension				Guide Rail Dimension									
				W	L1	B	C	Sxl	L2	K	Cb	W1	W2	H1	Ca	Counterbored Hole d1xd2xh	F
Stainless Steel Industry Standard Specifications SSELBW SSEL2BW SSELBWL SSEL2BWL SSELBWV SSEL2BWV SSELBWLW SSEL2BWLW SSELBWZ SSEL2BWZ SSELBWLZ SSEL2BWLZ	9	80~290 (110)	25	43.5	19	19	M3x3	32.5	7	0.3	14	5.5	5.2	0.5	3.5x6x3.2	30	10
			30	51.6	23	24	M3x3	40.6	9	0.3	18	6	7.5	0.5	3.5x6x4.5	30	10
Carbon Steel SELBW SEL2BW SELBWL SEL2BWL SELBWV SEL2BWV SELBWLW SEL2BWLW SELBWZ SEL2BWZ SELBWLZ SEL2BWLZ	14	110~470 (150)	40	61.6	28	28	M3x3.5	47.4	11	0.5	24	8	8	0.5	4.5x8x4.5	40	15
			60	74.9	45	35	M4x4.5	59.9	13	0.5	42	9	9.5	0.5	4.5x8x4.5	40	15

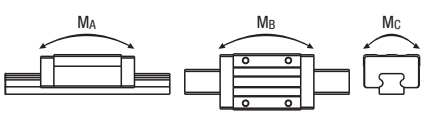
kgf=Nx0.101972

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	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

Unit: μm

Specifications	Light Preload / High Grade	Light Preload, Precision Grade	Slight Clearance, Standard Grade
Radial Clearance	-3~0	0~+15	0~+15
Height H Tolerance	±20	±10	±20
Pair Variation of Height H	15	7	40
Width W2 Tolerance	±25	±15	±25
Pair Variation of Width W2	20	10	40
Running Parallelism of Plane C against Plane A	See P469		
Running Parallelism of Plane D against Plane A	See P469		

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



Price [Configure Online](#)

H	L	Unit Price							
		Stainless Steel				Carbon Steel			
		SSELBW	SSEL2BW	SSELBWZ	SSEL2BWZ	SELBW	SEL2BW	SELBWZ	SEL2BWZ
9	80								
9	110								
9	140								
9	170								
9	200								
9	230								
9	260								
9	290								
12	80								
12	110								
12	140								
12	170								
12	200								
12	230								
12	260								
12	290								
14	110								
14	150								
14	190								
14	230								
14	270								
14	310								
14	350								
14	390								
14	430								
14	470								
14	110								
14	150								
14	190								
14	230								
14	270								
14	310								
14	350								
14	390								
14	430								
14	470								
16	390								
16	430								
16	470								
16	510								
16	550								
16	590								
16	630								
16	670								

L Dimension Configurable Type (1mm Increment)

H	Unit Price			
	Stainless Steel		Carbon Steel	
	SSELBWL	SSEL2BWL	SELBWL	SEL2BWL
	SSELBWLZ	SSEL2BWLZ	SELBWLZ	SEL2BWLZ
9				
12				
14				
16				

Ordering Example **Part Number** - **L**
 SSELBW12 - 200 (Low Temperature Black Chrome Plating)
 RSELBW12 - 200 (L Type Greased)
 SSELBW12L - 200 (G Type Greased)
 SSELBW12G - 200 (G Type Greased)
 Low Temperature Black Chrome Plating and various Grease types available as alternative.
 For Days to Ship, Price and Performance P475

Days to Ship [Configure Online](#)

Alterations **Part Number** - **L** - (MC, RLC, LLC, WC)
 SSEL2BWL16 - 450 - MC
[Configure Online](#)

Alterations	Code	Spec.	Price Adder															
Tapped Hole	MC	Changes the rail mounting holes from counterbored holes to tapped holes. <table border="1"> <tr><td>H</td><td>MC</td></tr> <tr><td>9</td><td>M4</td></tr> <tr><td>12</td><td>M4</td></tr> <tr><td>14</td><td>M5</td></tr> <tr><td>16</td><td>M5</td></tr> </table>	H	MC	9	M4	12	M4	14	M5	16	M5						
H	MC																	
9	M4																	
12	M4																	
14	M5																	
16	M5																	
Rail End Cut	LLC	Cuts rail ends. (Ordering Code) LLC <table border="1"> <tr><td>H</td><td>L Cut</td><td>N</td></tr> <tr><td>9</td><td>5</td><td>5</td></tr> <tr><td>12</td><td>5</td><td>5</td></tr> <tr><td>14</td><td>5</td><td>10</td></tr> <tr><td>16</td><td>5</td><td>10</td></tr> </table>	H	L Cut	N	9	5	5	12	5	5	14	5	10	16	5	10	
H	L Cut	N																
9	5	5																
12	5	5																
14	5	10																
16	5	10																
Parallel Use of 2 Rails	WC	Pair variation of Height H between 2 rails is set within 15μm. Rails are shipped in pairs. Specify the actual rail (even) number to order, not "pairs". Applicable to High Grade Type only. Not applicable to low temperature chrome plated products.																

Options for Linear Guide

Position Retaining Parts	Block / Rail Fixing Parts
<ul style="list-style-type: none"> Stopper Bolts 	<ul style="list-style-type: none"> Rail Push Plates Linear Locks Linear Guide Lock Units