

Miniature Linear Guides - Wide Rails

Long Blocks, Light Preload

= For customers using industry standard products =

■ frame-surrounded products are compliant with the industry standard specifications (Stainless Steel, Light Preload, High Grade Type). Select the block from this spec.

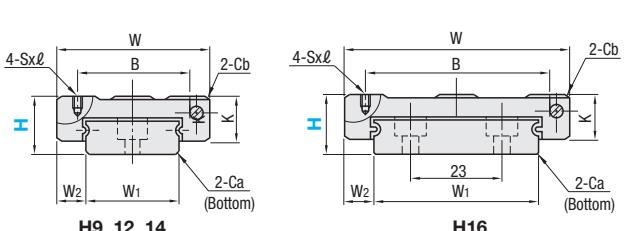
■ Features: Wide Rail, Long Block Type of industry standard specifications. Higher load ratings and allowable moments than standard blocks.

Industry Standard



RoHS10

■ This Type has the same fitting dimensions as the other company products, and thus, can be substituted for them.
■ Blocks and rails are not sold as separate items. This Type has guaranteed radial clearances and accuracies as sets of blocks and rails.



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.

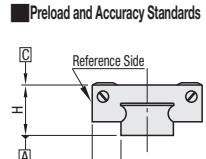
■ Others
- Filled with Lithium soap based grease (Multemp Grease PS2 by Kyodo Yushi Co., Ltd.).
- For operating life calculation, see P. 527.
- For operating life calculations, use our free calculation software from http://download.misumi.jp/mol/fa_soft.html.

■ Part Number

Part Number		H	L	Block Dimension						Guide Rail Dimension										
Type				W	L1	B	C	SxL	L2	K	Cb	W1	W2	H1	Ca	Counterbored Hole d1xd2xh	F	G		
■ Dimensions in () are for 2-Block Type.																				
Stainless Steel Industry Standard Specifications	SSELBW	SSELBWV	SSELBWZ	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
	SSEL2BW	SSEL2BWV	SSEL2BWZ	12	80~290 (110)	30	51.6	23	24	M3x3	40.6	9	0.3	18	6	7.5	0.5	3.5x6x4.5	30	10
	SSEL2BWL	SSEL2BWLV	SSEL2BWLZ	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
	SSEL2BWL	SSEL2BWLV	SSEL2BWLZ	16	110~670 (190)	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



Specifications			Light Preload, High Grade	Light Preload, Precision Grade	Slight Clearance, Standard Grade
Radial Clearance			-3~0	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 P. 525
Running Parallelism of Plane D against Plane A					

■ 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.

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



Ordering Example

Part Number - L

SSELBW12 - 200 (LTBC Plating)
RSELBW12 - 200 (L Type Greased)
SSELBW12L - 200 (G Type Greased)
SSELBW12G - 200

LTBC Plating and various Grease types available as alternative.

P.531

H	L	Unit Price					
		Stainless Steel			Carbon Steel		
80	SSELBW	-	-	-	-	-	-
110	SSEL2BW	-	-	-	-	-	-
140	SSELBWZ	-	-	-	-	-	-
170	SSEL2BWZ	-	-	-	-	-	-
200	SSELBW	-	-	-	-	-	-
230	SSEL2BW	-	-	-	-	-	-
260	SSELBWZ	-	-	-	-	-	-
290	SSEL2BWZ	-	-	-	-	-	-
80	SSELBW	-	-	-	-	-	-
110	SSEL2BW	-	-	-	-	-	-
140	SSELBWZ	-	-	-	-	-	-
170	SSEL2BWZ	-	-	-	-	-	-
200	SSELBW	-	-	-	-	-	-
230	SSEL2BW	-	-	-	-	-	-
260	SSELBWZ	-	-	-	-	-	-
290	SSEL2BWZ	-	-	-	-	-	-
110	SSELBW	-	-	-	-	-	-
150	SSEL2BW	-	-	-	-	-	-
190	SSELBWZ	-	-	-	-	-	-
230	SSEL2BWZ	-	-	-	-	-	-
270	SSELBW	-	-	-	-	-	-
310	SSEL2BW	-	-	-	-	-	-
350	SSELBWZ	-	-	-	-	-	-
390	SSEL2BWZ	-	-	-	-	-	-
430	SSELBW	-	-	-	-	-	-
470	SSEL2BW	-	-	-	-	-	-
110	SSELBWZ	-	-	-	-	-	-
150	SSEL2BWZ	-	-	-	-	-	-
190	SSELBW	-	-	-	-	-	-
230	SSEL2BW	-	-	-	-	-	-
270	SSELBWZ	-	-	-	-	-	-
310	SSEL2BWZ	-	-	-	-	-	-
350	SSELBW	-	-	-	-	-	-
390	SSEL2BW	-	-	-	-	-	-
430	SSELBWZ	-	-	-	-	-	-
470	SSEL2BWZ	-	-	-	-	-	-
510	SSELBW	-	-	-	-	-	-
550	SSEL2BW	-	-	-	-	-	-
590	SSELBWZ	-	-	-	-	-	-
630	SSEL2BWZ	-	-	-	-	-	-
670	SSELBW	-	-	-	-	-	-

■ L Dimension Configurable Type (1mm Increment)

H	Unit Price			
	Stainless Steel		Carbon Steel	
9	SSELBW	SSEL2BW	SSELBWZ	SSEL2BWZ
12	SSELBW	SSEL2BW	SSELBWZ	SSEL2BWZ
14	SSELBW	SSEL2BW	SSELBWZ	SSEL2BWZ
16	SSELBW	SSEL2BW	SSELBWZ	SSEL2BWZ

■ 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.

■ Options for Linear Guide

Position Retaining Parts		Block / Rail Fixing Parts	
	P.607		
	P.612		P.612
	P.613		P.614

Additional Block Price (Same Price for High/Standard Grade)		Selectable Shortest Rail Length for B3/B4	
H	B3: Price Adder	B4: Price Adder	
9	Stainless Steel	Carbon Steel	Stainless Steel
12			Carbon Steel
14			
16			

■ Unit price for Precision Type is the above price x1.2. (Round to the nearest Ten JPY.)