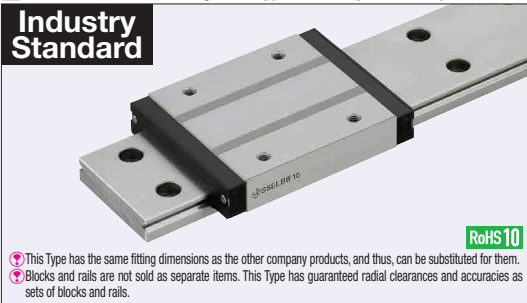


Miniature Linear Guides - Wide Rails

Long Blocks, Light Preload

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



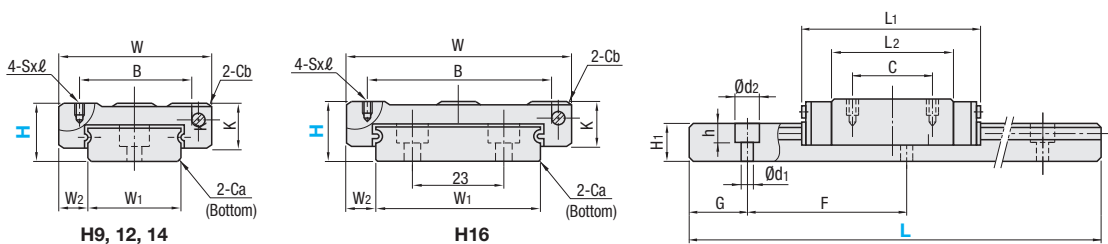
Industry Standard

Material Hardness	Type			L Dimension	Number of Blocks
	Light Preload	Slight Clearance	Standard Grade		
	High Grade	Precision Grade	Standard Grade		
Stainless Steel 56HRC~	SSELBW	SSELBWV	SSELBWZ	Selectable	1
	SSEL2BW	SSEL2BWV	SSEL2BWZ		2
	SSELBWL	SSELBWLW	SSELBWLZ	Configurable	1
	SSEL2BWL	SSEL2BWLW	SSEL2BWLZ		2

Heat Resistant Temperature: -20 ~ 80°C

RoHS 10

- 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.



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 Type	H	L	Block Dimension							Guide Rail Dimension							
			W	L ₁	B	C	Sxℓ	L ₂	K	Cb	W ₁	W ₂	H ₁	Ca	Counterbored Hole d ₁ x _d x _h	F	G
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
	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
	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
	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

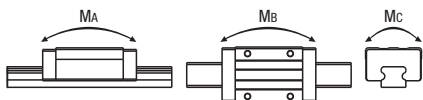
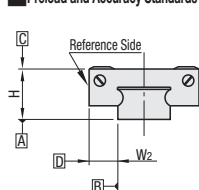
Dimensions in () are for 2-Block Type.

kgf~Nx0.101972

Unit: μm

H	Basic Load Rating		Allowable Static Moment			Mass	
	C (Dynamic) kN	Co (Static) kN	MA N·m	Me 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

Preload and Accuracy Standards



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 W ₂ Tolerance	±25	±15	±25
Pair Variation of Width W ₂	20	10	40
Running Parallelism of Plane C against Plane A	See P. 525		
Running Parallelism of Plane D against Plane A	See P. 525		

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