



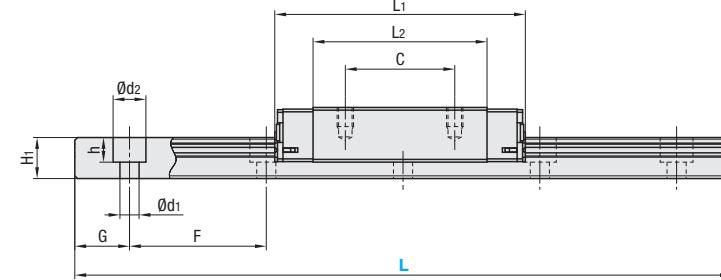
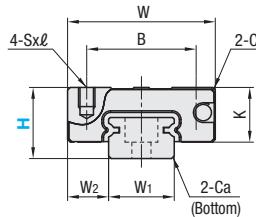
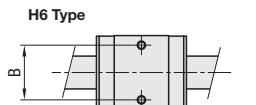
Miniature Linear Guides

Long Blocks, Light Preload

Similar Products Comparison Points | The industry standard Long Block Type. Select from Light Preload Types with superior precision and rigidity.



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.



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.

Accessory
H6 comes with Number 0, Class 1 Phillips button head screws (M2x6).
H8 comes with cap screws (M2x6).

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.
The MX type is greased with a lithium complex grease (TOUGHIX GREASE MP2, made by JXTG Nippon Oil & Energy Corporation).

Part Number			L	Block Dimension					Guide Rail Dimension									
Type	MX	H		W	L1	B	C	Sx ℓ	L2	K	Cb	W1	W2	H1	Ca	Counterbored Hole d1xd2xh	F	G
Blank: None -MX: Provided	6	40-100 (70)	12	21	8	-	M2x1.5	13.3	4.5	0.3	5	3.5	4	0.3	2.4x3.5x1	15	5	
		40-130 (85)	17	32	12	13	M2x2.5	22	6.5	0.3	7	5	4.7	0.3	2.4x4.2x2.3	15	5	
	10	55-275 (95)	20	40	15	16	M3x3	29	7.8	0.3	9	5.5	5.5	0.3	3.5x6x3.5	20	7.5	
		70-470 (120)	27	45.8	20	20	M3x3.5	31.8	10	0.5	12	7.5	7.5	0.5	3.5x6x4.5	25	10	
	16	110-670 (150)	32	58.3	25	25	M3x4	43.3	12	0.5	15	8.5	9.5	0.5	3.5x6x4.5	40	15	
		160-700 (220)	40	67.7	30	30	M4x6	52.3	15	0.5	20	10	11	0.5	6x9.5x5.5	60	20	

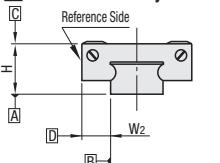
Dimensions in () are for 2-Block Type.

kgf=Nx0.101972

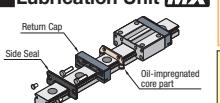
H	Basic Load Rating		Allowable Static Moment		Mass		Block kg	Guide Rail kg/m
	C (Dynamic) kN	Co (Static) kN	Ma N·m	Mb N·m	Mc N·m	Block kg		
6	0.6	1.0	1.8	1.8	2.3	0.005	0.13	
8	1.6	2.4	7.5	7.5	9.0	0.016	0.19	
10	2.2	3.7	12.3	12.3	13.0	0.03	0.31	
13	3.5	5.3	24.5	26.4	32.3	0.06	0.61	
16	5.8	8.7	57.8	62.6	67.6	0.10	1.02	
20	7.2	13.5	80.7	80.7	138.2	0.18	1.65	



Preload and Accuracy Standards



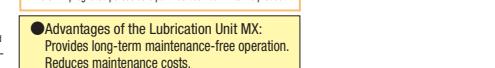
Lubrication Unit MX



The same block size as existing products!

The oil-impregnated porous core part has been built into the product.

Advantages of the Lubrication Unit MX:
Provides long-term maintenance-free operation.
Reduces maintenance costs.



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

Unit: μm

C

H

A

D

B

W2

W1

G

F

L

C

B

A

D

B

W2

W1

G

F

L

C

B

A

D

B

W2

W1

G

F

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