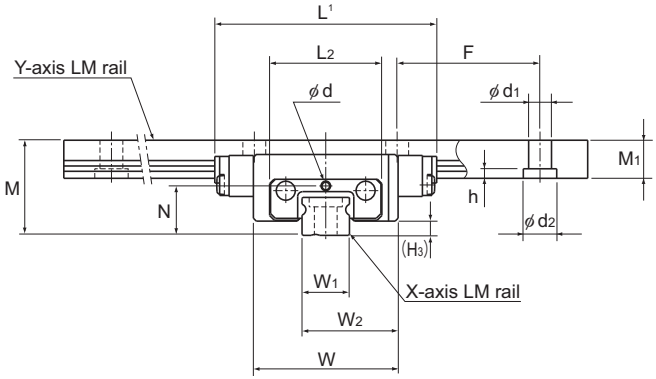
Model MX

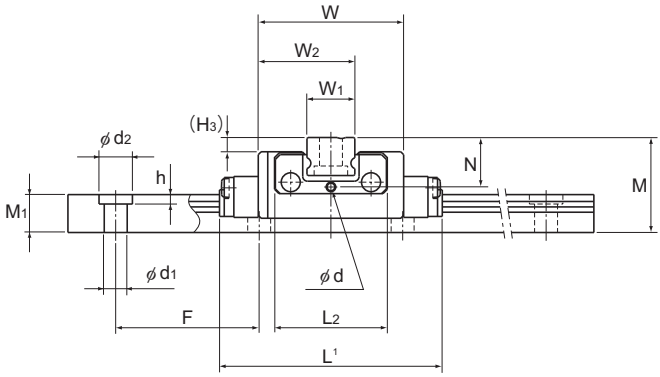


Model No.	Outer dimensions			LM block dimensions			
	Height M	Width W	Length[1] L	L_2	N	Lubrication hole d	H_3
MX 5M	10	15.2	23.3	11.8	5.2	0.8	1.5
MX 7WM	14.5	30.2	40.8	24.6	7.4	1.2	2

Model number coding

4 MX7W M UU C1 +140L P M / 110L P T M

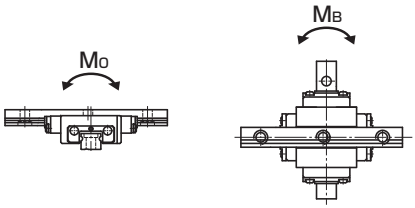
- **4** — Total No. of LM blocks
- **MX7W M** — Model number
- **UU** — Contamination protection accessory symbol
- **C1** — Radial clearance symbol: Normal (No symbol), Light preload (C1)
- **+140L** — LM rail length on the X axis (in mm)
- **P** — Accuracy symbol: Normal grade (No Symbol), Precision grade (P)
- **M** — LM rail is made of stainless steel
- **/ 110L** — LM rail length on the Y axis (in mm)
- **P** — Symbol for LM rail jointed use
- **T** — LM rail is made of stainless steel
- **M**



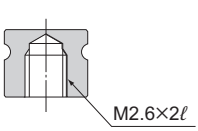
Unit: mm

	LM rail dimensions						Basic load rating		Static permissible moment[3] N·m		Mass	
	Width W_1	W_2	Height M_1	Pitch F	$d_1 \times d_2 \times h$	Length[2] Max	C kN	C_0 kN	M_0	M_B	LM block kg	LM rail kg/m
	$5\ ^{0}_{-0.02}$	10.1	4	15	2.4×3.5×1	200	0.59	1.1	2.57	2.57	0.01	0.14
	$14\ ^{0}_{-0.025}$	22.1	5.2	30	3.5×6×3.2	400	2.04	3.21	14.7	14.7	0.051	0.51

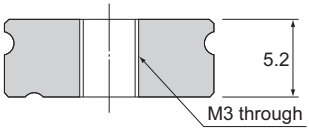
[1] Length L shown in the table is the length with the contamination protection accessories (code: UU).
[2] The maximum length indicates the standard maximum length of an LM rail. (See **A1-324**.)
[3] Static permissible moment 1 block: the static permissible moment with one LM block
Notes: Since stainless steel is used in the LM block, LM rail, and balls, these models are highly resistant to corrosion and environment. Please be aware that the balls will fall out of the LM block if it is removed from the LM rail.



For the LM rail mounting holes, a semi-standard type with tapped holes in the LM rail is also available.



Model MX5M



Model MX7WM