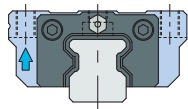


Flange type mounting from top / bottom

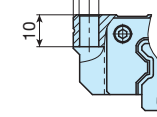
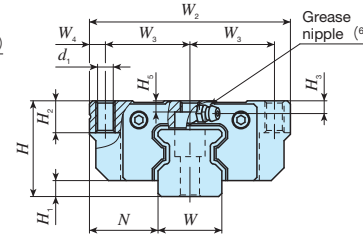
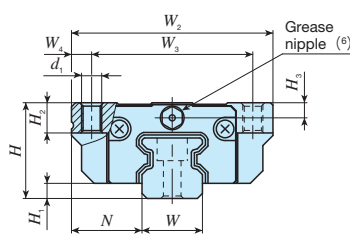
MX • LRX

Shape



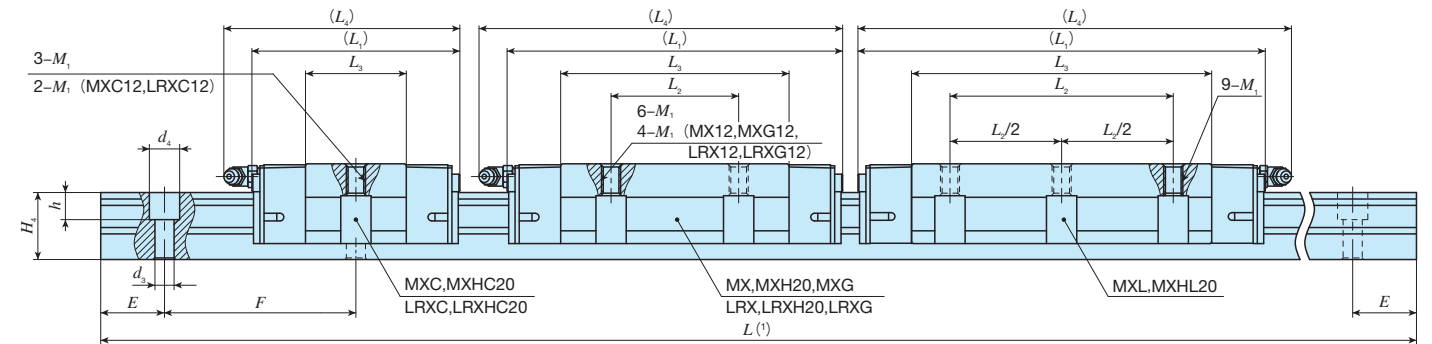
Size

12	15	20	25	30	
35	45	55	65	85	100



MXC12,LRXC12
MX 12,LRX 12
MXG12,LRXG12

MXHC 20,LRXHC 20
MXH 20,LRXH 20
MXHG 20,LRXHG 20
MXHL 20
Mounting from bottom only (3)



Identification number		Interchangeable	Mass (Ref.)		Dimensions of assembly mm			Dimensions of slide unit mm													Dimensions of track rail mm							Appended mounting bolt for track rail ⁽⁴⁾	Basic dynamic load rating ⁽⁵⁾	Basic static load rating ⁽⁵⁾	Static moment rating ⁽⁵⁾		
MX series	LRX series (No C-Lube)		Slide unit kg	Track rail kg/m	H	H ₁	N	W ₂	W ₃	W ₄	L ₁	L ₂	L ₃	L ₄	d ₁	M ₁		H ₂	H ₃	H ₅	W	H ₄	d ₃	d ₄	h	E	F				Bolt size×ℓ	C N	C ₀ N
MXC 12		○	0.058	0.92	19	3	14	40	32	4	40	—	15.8	44	3.4	M4		6	3	—	12	12	3.5	6	4.5	20	40	M3×12	4 250	6 500	49.4	18.6 196	18.6 196
	LRXC 12	○									37		14.8	40															3 900	6 090	46.3	16.3 170	16.3 170
MX 12		○	0.092	0.92	19	3	14	40	32	4	50	15	25.4	53	3.4	M4		6	3	—	12	12	3.5	6	4.5	20	40	M3×12	6 120	10 400	79.1	45.8 371	45.8 371
	LRX 12	○									47			25.3															50	5 890	10 400	78.7	45.2 343
MXG 12		○	0.13	0.92	19	3	14	40	32	4	61	15	36.6	64	3.4	M4		6	3	—	12	12	3.5	6	4.5	20	40	M3×12	8 120	15 000	114	92.7 628	92.7 628
	LRXG 12	○									58			35.8															61	7 710	14 600	111	88.6 581
MXC 15		○	0.13	1.65	24	4	16	47	19	4.5	52	—	24	55	4.4	M5		7	3.5	3	15	16.5	4.5	8	6	30	60	M4×16	7 730	12 000	113	50.6 457	50.6 457
MX 15		○									0.20	68	30	40															71	11 500		136 942	136 942
MXG 15		○	0.28	84	30	56	87	14 900		262 1 590	262 1 590																						
MXC 20 ⁽²⁾		○	0.29	2.73	30	5	21.5	63	26.5	5	66	—	31.6	74	— ⁽²⁾	M6 ⁽²⁾												M5×20	16 100	26 400	341	150 1 260	150 1 260
MX 20 ⁽²⁾		○									0.44	86	40	51.6															94	23 400		379 2 520	379 2 520
MXG 20 ⁽²⁾		○	0.61	106	40	71.6	114	30 100		713 4 200	713 4 200																						
MXL 20 ⁽²⁾	—	—	0.80	128	70	94.1	137	37 200		1 210 6 560	1 210 6 560																						
MXHC 20 ⁽³⁾		○	0.29	2.73	30	5	21.5	63	26.5	5	66	—	31.6	74	—	—		10	4	3.5	20	21	6	9.5	8.5	30	60	M5×20	16 100	26 400	341	150 1 260	150 1 260
MXH 20 ⁽³⁾		○									0.44	86	40	51.6															94	23 400		379 2 520	379 2 520
MXHG 20 ⁽³⁾		○	0.61	106	40	71.6	114	30 100		713 4 200	713 4 200																						
MXHL 20 ⁽³⁾	—	—	0.80	128	70	94.1	137	37 200		1 210 6 560	1 210 6 560																						

Notes (1) Track rail lengths L are shown in Table 2.1 on page II-175 and Table 2.3 on page II-176.

(2) The mounting bolt can be mounted only in downward direction.

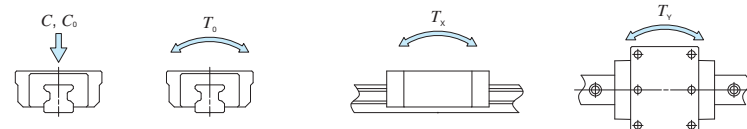
(3) The mounting bolt can be mounted only in upward direction.

(4) The appended track rail mounting bolts are hexagon socket head bolts equivalent to JIS B 1176. In an assembled set of MX series, track rail mounting bolts are not appended.

(5) The direction of basic dynamic load rating (C), basic static load rating (C_0), and static moment rating (T_0 , T_x , T_y) are shown in the sketches below. The upper values of T_x and T_y are for one slide unit and the lower values are for two slide units in close contact.

(b) The shape of the grease nipple varies depending on the size and the applicable supplemental code. For details of the specifications, see Table 15 on page II-188.

Remark: A grease nipple mounting thread hole is provided on the right and left end plates respectively.



Example of identification number of assembled set

Model code		Dimensions	Part code		Preload symbol	Classification symbol	Interchangeable code	Supplemental code
<u>MX</u>	<u>G</u>	<u>15</u>	<u>C2</u>	<u>R360</u>	<u>T₁</u>	<u>P</u>	<u> </u>	<u>/F</u>
1	2	3	4	5	6	7	8	9

① Model	
MX	Flange type mounting from top / bottom
LRX	
MXH	Flange type mounting from bottom
LRXH	

② Length of slide unit	
C	Short
No symbol	Standard
G	Long
L	Extra long

③ Size	12, 15, 20
④ Number of slide unit (2)	

⑤ Length of track rail (360 mm)

⑥ Preload amount	
No symbol	Standard
T ₁	Light preload
T ₂	Medium preload
T ₃	Heavy preload

⑦ Accuracy class	
H	High
P	Precision
SP	Super precision
UP	Ultra precision

⑧ Interchangeable	
No symbol	Non-interchangeable specification
S1	S1 specification
S2	S2 specification

⑨ Special specification
A, D, E, F, GE, HP, I, J, L
LF, MA, MN, N, Q, RC, T
UR, V, W, Y, Z