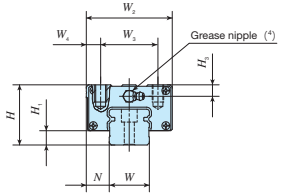
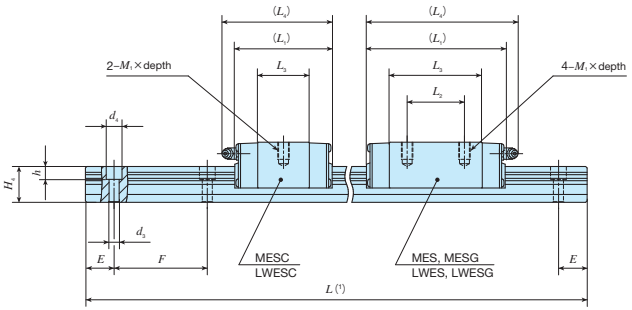
Block type mounting from top

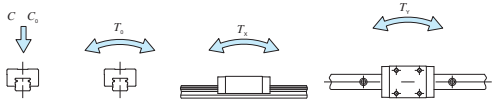
Shape	MES · LWES
Size	15 / 20 / 25 / 30 / 35 / 45





Identification number		Interchangeable	Mass (Ref.)		Dimensions of assembly mm			Dimensions of slide unit mm									Dimensions of track rail mm							Recommended mounting bolt for track rail (2) mm	Basic dynamic load rating (3)	Basic static load rating (3)	Static moment rating (3)		
ME series	LWE 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	M_1×depth	H_3	W	H_4	d_3	d_4	h	E	F	Bolt size× ℓ	C N	C_0 N	T_0 N·m	T_X N·m	T_Y N·m
MESC 25	LWESC 25	○	0.26			7					59	–	32	70											12 400	12 300	153	71.8 480	71.8 480
MES 25	LWES 25	○																											
MES 25···SL	LWES 25···SL	○	0.43	3.09	33		12.5	48	35	6.5	83	35	56	94	M 6×9	6.5	23	19	7	11	9	20	60	M 6×20	18 100	21 100	262	195 1 090	195 1 090
–	LWES 25···Q	–				6																			15 500	19 400	240	175 1 010	175 1 010
MESG 25	LWESG 25	○	0.55			7					102	50	75	113											22 200	28 200	349	336 1 740	336 1 740
MESG 25···SL	LWESG 25···SL	○																											
MESC 30	LWESC 30	○	0.46	5.09	42	10	16	60	40	10	68	–	36	78	M 8×12	8	28	25	7	11	9	20	80	M 6×25	20 600	18 800	287	129 855	129 855
MESC 30···SL	LWESC 30···SL	○																											
MES 30	LWES 30	○	0.78								97	40	64.8	107											29 500	31 300	479	328 1 920	328 1920
MES 30···SL	LWES 30···SL	○																											
–	LWES 30···Q	–	0.75	5.04							96			106											21 600	26 400	398	278 1 580	278 1 580
MESG 30	LWESG 30	○	1.13	5.09							129	60	96.5	139											39 200	47 000	718	704 3 690	704 3 690
MESG 30···SL	LWESG 30···SL	○																											
MESC 35	LWESC 35	○	0.67	6.85	48	11	18	70	50	10	78	–	41.6	90	M 8×12	10	34	28	9	14	12	20	80	M 8×30	29 900	26 800	412	176 1 190	162 1 100
MES 35	LWES 35	○	1.21								111	50	74.6	123											42 900	44 700	686	448 2 660	412 2 450
–	LWES 35···Q	–	1.20	6.84							110		76.6	122											30 500	37 600	687	482 2 550	482 2 550
MES 45	LWES 45	○	2.05	11.2	60	14	20.5	86	60	13	125	60	81.4	136	M10×15	13	45	34	11	17.5	14	22.5	105	M10×35	61 100	60 200	1 210	672 4 070	618 3 750

Notes (1) Track rail lengths L are shown in Tables 2.1 and 2.2 on page Ⅱ−67.
(2) Track rail mounting bolts are not appended. Hexagon socket head bolts of JIS B 1176 with strength division 12.9 are recommended.
(3) 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.
(4) The shapes of grease nipple vary by size. The specifications are shown in Table 15 on page Ⅱ−73.



Example of identification number of assembled set

Model code	Dimensions	Part code	Model code	Material code	Preload symbol	Classification symbol	Interchangeable code	Supplemental code
MES	G	30	C2	R440			T1	P		/U
①	②	③	④	⑤	①	⑥	⑦	⑧	⑨	⑩

① Model: MES, LWES, LWES···Q — Block type mounting from top

② Length of slide unit: C Short; No symbol Standard; G Long

③ Size: 25, 30, 35, 45

④ Number of slide unit (2)

⑤ Length of track rail (440 mm)

⑥ Material type: No symbol High carbon steel made; SL Stainless steel made

⑦ Preload amount: T0 Clearance; No symbol Standard; T1 Light preload; T2 Medium preload

⑧ Accuracy class: No symbol Ordinary; H High; P Precision; SP Super precision

⑨ Interchangeable: No symbol Non-interchangeable specification; S1 S1 specification; S2 S2 specification

⑩ Special specification: A, BS, D, E, F, I, J, L, LF, MA, N, Q, RE, T, U, V, W, Y, Z

1N=0.102kgf=0.2248lbs.
1mm=0.03937inch