



Ordering method

T4 - [] - [] - [] - [] - [] - ERCX - [] - [] - []									
Model	Lead designation	Brake	Option	Stroke	Cable length ^{Note 1}	Controller	Usable for CE	Network option	Battery
	12: 12mm 6: 6mm 2: 2mm	No entry: No brakes BK: Brakes provided	Origin position None: Standard Z: Non-motor side Grease type None: Standard GC: Clean	50 to 300 (50mm pitch)	3L: 3.5m (Standard) 5L: 5m 10L: 10m	ERCX ERCDC ^{Note 2}	No entry: Standard E: CE marking	No entry: None CC: CC-Link DN: DeviceNet PB: Profibus EN: Ethernet	B1: 700mAh B2: 2000mAh

Note 1. The robot cable is standard cable, but can be changed to bend-resistant cable.(consult factory)
 Note 2. To find ERCDC and ERCX selection options, see the ordering method listed on each controller page.

Basic specifications

AC servo motor output (W)	30		
Repeatability ^{Note 1} (mm)	+/-0.02		
Deceleration mechanism	Ball screw (Class C10)		
Ball screw lead (mm)	12	6	2
Maximum speed (mm/sec)	720	360	120
Maximum payload (kg)	Horizontal	Vertical	
	4.5	6	6
	1.2	2.4	7.2
Rated thrust (N)	32	64	153
Stroke (mm)	50 to 300 (50mm pitch)		
Overall length (mm)	Horizontal	Stroke+198	
	Vertical	Stroke+236	
Maximum dimensions of cross section of main unit (mm)	W45 x H53		
Cable length (m)	Standard: 3.5 / Option: 5.10		
Linear guide type	2 rows of gothic arch grooves x 1 rail		
Position detector	Resolvers ^{Note 2}		
Resolution (Pulse/rotation)	16384		

Note 1. Positioning repeatability in one direction.
 Note 2. Position detectors (resolvers) are common to incremental and absolute specifications. If the controller has a backup function then it will be absolute specifications.

Allowable overhang^{Note}

Horizontal installation (Unit: mm)				Wall installation (Unit: mm)				Vertical installation (Unit: mm)			
	A	B	C		A	B	C		A	C	
Lead 12	2kg	433	87	180	2kg	149	54	376	1.2kg	125	125
Lead 6	4.5kg	223	33	75	4.5kg	50	1	148	2.4kg	56	57
Lead 2	3kg	515	58	135	3kg	107	24	380	3kg	41	42
Lead 2	6kg	340	26	62	6kg	31	0	195	7.2kg	0	0
Lead 2	3kg	1585	58	142	3kg	113	24	1180			
Lead 2	6kg	755	27	66	6kg	32	0	440			

Note 1. Distance from center of slider top to center of gravity of object being carried at a guide service life of 10,000 km.

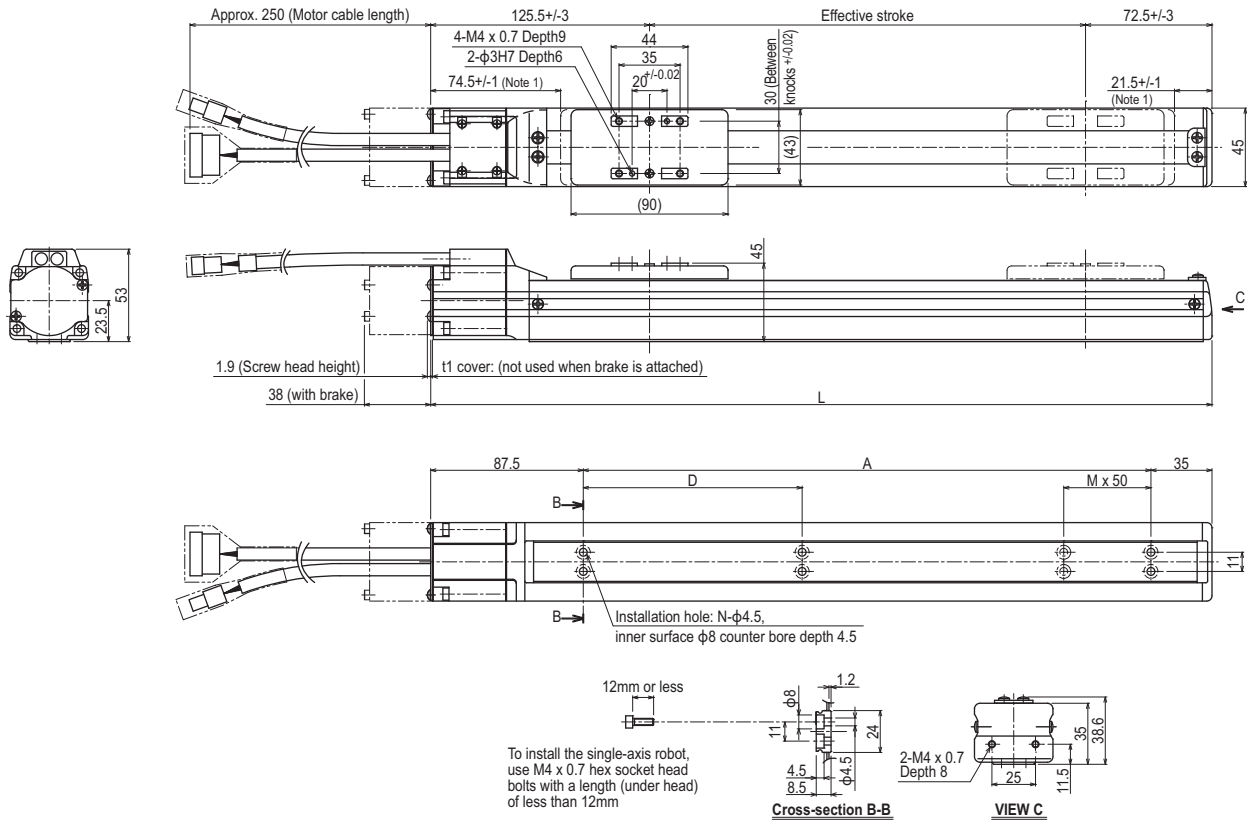
Static loading moment

MY	MP	MR
15	19	18

Controller

Controller	Operation method
ERCX	Programming / I/O point trace (BCD) / Remote command / Operation using RS-232C communication
ERCDC	Pulse train control / Programming / I/O point trace (BCD) / Remote command / Operation using RS-232C communication

T4



Effective stroke	50	100	150	200	250	300
L	248	298	348	398	448	498
A	125.5	175.5	225.5	275.5	325.5	375.5
D	-	-	-	-	125.5	125.5
M	0	1	2	3	0	1
N	4	6	8	10	6	8
Weight (kg) ^{Note 3}	1.1	1.2	1.3	1.4	1.5	1.6

Note 1. Distance from both ends to the mechanical stopper.
 Note 2. Minimum bend radius of motor cable is R50.
 Note 3. Weight of models with no brake. The weight of brake-attached models is 0.2 kg heavier than the models with no brake shown in the table.