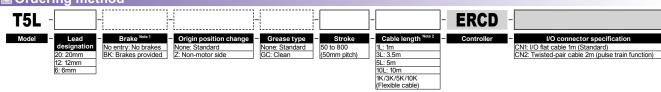
176

Controller: 24V

● High lead: Lead 20 ● Origin on the non-motor side is selectable

■ Ordering method



Note 1. The model with a lead of 20mm cannot select specifications with brake (vertical specifications). Note 2. The robot cable is standard cable (1L/3L/5L/10L), but can be changed to flexible cable. See P.594 for details on robot cable.

■ Specifications						
AC servo motor	30					
Repeatability Not	+/-0.02					
Deceleration me	Ball screw \$\phi\$12 (Class C10)					
Ball screw lead	20	12	6			
Maximum speed ^N	ote 2 (mm/sec)	1200	800	400		
Maximum	Horizontal	3	5	9		
payload (kg)	Vertical	-	1.2	2.4		
Rated thrust (N)		19	32	64		
Stroke (mm)	50 to 800 (50mm pitch)					
Overall length	Horizontal	Stroke+201.5				
(mm)	Vertical	Stroke+239.5				
Maximum dimens section of main ur	W55×H52					
Cable length (m	Standard: 3.5 / Option: 1,5,10					
Linear guide typ	2 rows of gothic arch grooves × 1 rail					
Position detected	Resolvers Note 3					
Resolution (Puls	16384					
Note 1 Positioning repeatability in one direction						

Note 1. Positioning repeatability in one direction.

Note 2. When the stroke is longer than 600mm, resonance of the ball screw may occur depending on the operation conditions (critical speed). In this case, reduce the speed setting on the program by referring to the maximum speeds shown in the

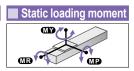
Note 3. Position detectors (resolvers) are common to incremental and absolute specifications. If the controller has a backup function then it will be absolute specifications

■ Allowable overhang Note													
B C (Unit: mm)				W	Wall installation (Unit: mm)			Vertical installation (Unit: mm)					
-		Α	В	С			Α	В	С	-		Α	С
Lead 20	1kg	600	323	683	120	1kg	600	291	600	112	4 01	242	240
Lead	3kg	675	103	247	Lead	3kg	215	73	589	Lead	1.2kg	242	240

240 242 **2kg** 1170 159 406 2kg 368 127 1082 Lead 6 Lead 12 2.4kg 113 113 Lead **5kg** 555 59 155 5kg 127 30 449 **3kg** 1498 104 294 3kg 263 73 970 9kg 628 31 89 54 400 9ka 0 Note. Distance from center of slider top to center of gravity of object being carried at a guide service

life of 10,000 km.

Note. Service life is calculated for 600mm stroke models.



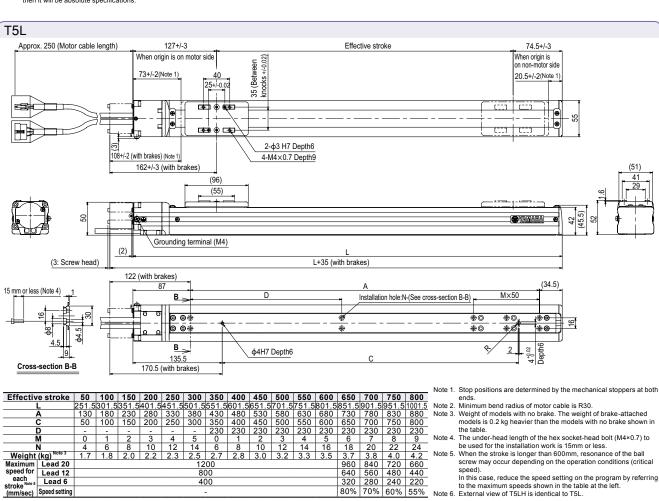
		(Unit: N·m
MY	MP	MR
30	34	40

to the maximum speeds shown in the table at the left. Note 6. External view of T5LH is identical to T5L.

ERCD

Controller Controller Operation method

Pulse train control / Programming / I/O point trace / Remote command / Operation using RS-232C communication



Lead 20

(mm/sec) Speed setting

800

ERCD **>** 510