

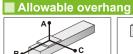
Note 1. The robot cable is standard cable (3L/5L/10L), but can be changed to flexible cable.

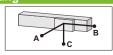
■ Basic specifications										
AC servo motor o	output (W)	30								
Repeatability No	te 1 (mm)		+/-0.02							
Deceleration me	echanism	Ball screw \$12 (Class C10)								
Ball screw lead	(mm)	20	12	6						
Maximum speed	d (mm/sec)	1000	800	400						
Maximum	Horizontal	3	5	9						
payload (kg)	Vertical	-	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+236.5								
Maximum outside of body cross-se		W55×H52								
Cable length (m	)	Standard: 3.5 / Option: 5, 10								
Degree of clean	CLASS 3 Note 2									
Intake air (N&/m	in) <sup>Note 3</sup>	80	50	30						

Note 1. Positioning repeatability in one direction.

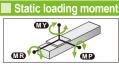
Note 2. Per 1cf (0.1µm base), when suction blower is used.

Note 3. The necessary intake amount varies depending on the use conditions and environment.









Но	rizonta	W	all insta			
		Α	ВС			
d 20	1kg	1584	324	745	d 20	1kg
Lea	3kg	699	104	251	Lea	3kg
d 12	2kg	1166	159	406	d 12	2kg
Lea	5kg	551	59	155	Lea	5kg
Lead 6 Lead 12 Lead 20	3kg	1194	104	294	Lead 6 Lead 12 Lead 20	3kg
Lea	9kg	624	31	89	Lea	9kg

(Unit: mm) Vertical installation (Unit: mm) installation в с Α Α С 1kg 679 303 1505 246 245 1.2ka ead 3kg 215 87 605 126 1073 2kg 2.4kg 110 5kg 123 28 438 259 72 354 3kg 50 0 154

110

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

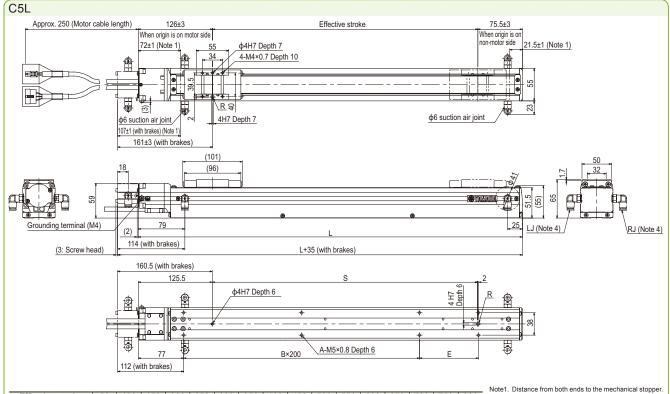
(Unit: N·m) MY MP MR 30 34 40

## Controller

**ERCD** 

Controller Operation method

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



Effecti	ve stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	1
	L	251.5	301.5	351.5	401.5	451.5	501.5	551.5	601.5	651.5	701.5	751.5	801.5	851.5	901.5	951.5	1001.5	-
	Α	4	4	4	6	6	6	6	8	8	8	8	10	10	10	10	12	
	В	0	0	0	1	1	1	1	2	2	2	2	3	3	3	3	4	
	E	100	200	200	100	100	200	200	100	100	200	200	100	100	200	200	100	
	S	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	
Weigh	t (kg) Note 3	1.7	2.0	2.2	2.5	2.7	3.0	3.2	3.4	3.7	3.9	4.2	4.4	4.7	4.9	5.1	5.4	-
Maximum speed for each stroke Note 5 (mm/sec)  Maximum Speed setting Lead 12 Lead 6 Speed setting							1000							900	800	700		
		-										90%	80%	70%				
		800 640									560	480	440					
							40	00						320	280	240	220	
	Speed setting	ı						-						80%	70%	60%	55%	-

Note1. Distance from both ends to the mechanical stopper.
Note2. Minimum bend radius of motor cable is R30.
Note3. 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.

models with no brake shown in the table.

Note4. Either right or left can be selected for the installation direction for the φ6 intake air joint. (The left side is the standard.)

Note5. 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 table at the left. Note6. External view of C5LH is identical to C5L