Origin at non-motor side: Lead 20 • 10

### Ordering method

	TO CITO G									
C14H-	]-[		-	-	SR1-X	- 10	-	-	-	-
Model – Lead 20: 20mn 10: 10mm 5: 5mm	BK: With brake	Origin position change  Option  None: Standard Z: Non-motor side Note 1	- Stroke 150 to 1050 (100mm pitch)	Cable length Note 2 3L: 3.5m (Standard) 5L: 5m 10L: 10m	Controller  SR1-X TS-X Note 3  RDX Note 3	- <b>Driver</b> 10: 200W	Usable for CE     No entry: Standard     E: CE marking	Regenerative unit Note 4 No entry: None R: RG1	Input/Output selection N: NPN P: PNP CC: CC-Link	Battery  No entry: None (Incremental specification)  B: With battery
Note 1. If using 5mm lead specifications then the origin point cannot be changed to the side opposite the motor.  Note 2. The robot cable is a standard cable and may be changed to a flex-resistant type (except RDX). See P.423 for more information on robot cables.  Note 3. To find TS-X_RDX selection ontions, see the ordering method listed on each controller's page (TS-X) = 255. RDX: P.365.)								DN: DeviceNet PB: Profibus YC: YC-Link No e 5	(Absolute specification)	

Note 3. To find TS-X, RDX selection options, see the ordering method listed on each controller's page (TS-X: R355, RDX: R365).

Note 4. When using the vertical model of SR1-X, a regeneration unit RG1 is required. When using RDX, a regeneration unit RBR1 is required regardless of installation

conditions. Note 5. Available only for the slave

80kg 2193

**100kg** 2000

#### ■ Basic specifications AC servo motor output (W) 200 Repeatability Note 1 (mm) +/-0.01 Deceleration mechanism Ball screw (Class C7) Ball screw lead (mm) 20 10 Maximum speed Note 2 (mm/sec) 1000 500 250 80 Horizontal 40 100 Maximum payload (kg) Vertical 30 8 20 Rated thrust (N) 341 683 170 Stroke (mm) 150 to 1050 (100mm pitch) Stroke+349 Overall length (mm) Vertical Stroke+379 Maximum outside dimension W136 × H96 of body cross-section (mm) Cable length (m) Standard: 3.5 / Option: 5, 10 CLASS 10 Note 3 Degree of cleanliness 30 to 90 Note Intake air (N&/min)

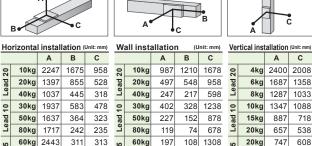
Note 1. Positioning repeatability in one direction.

Note 2. When the stroke is longer than 750mm, 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 below.

Note 3. Per 1cf (0.1µm base), when suction blower is used.

Note 4. The necessary intake amount varies depending on the use conditions and environment.

## ■ Allowable overhang Note



Note. Distance from center of slider top to center of gravity of object being carried at a guide service life of 10.000 km

85 20 788

80kg 127

100kg

53 1008 663 484

25kg

30kg 491

250

242

202 213

# Static loading moment



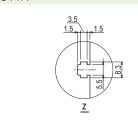
MY	MP	MR
293	294	258

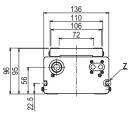
#### ■ Controller

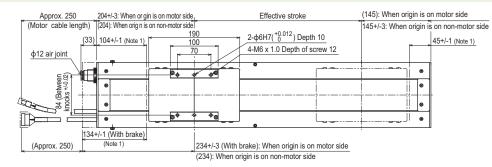
1088						
718	Controller	Operation method				
538		Programming / I/O point trace / Remote command				
608	OD4 V 40 Note					
484	SR1-X-10 Note	Operation				
396		using RS-232C communication				
rvice	TS-X210 Note	I/O point trace				
	RDX-10-RBR1	Pulse train control				

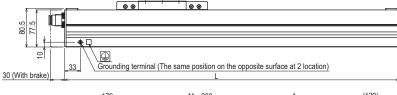
Note. Regenerative unit is required when used vertically

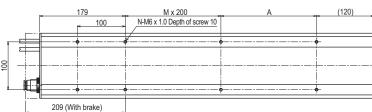












Effective stroke		150	250	350	450	550	650	750	850	950	1050
L		499	599	699	799	899	999	1099	1199	1299	1399
Α		200	100	200	100	200	100	200	100	200	100
М		0	1	1	2	2	3	3	4	4	5
N		6	8	8	10	10	12	12	14	14	16
Weight (kg) Note 3		10.7	12.0	13.2	14.5	15.8	17.0	18.3	19.6	20.8	22.1
Maximum speed Note 4 (mm/sec)	Lead 20	1000							750	600	500
	Lead 10	500							375	300	250
	Lead 5	250							187	150	125
	Speed setting	-						95%	75%	60%	50%

- Note 1. Distance from both ends to the mechanical stopper
- 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 0.4 kg heavier than the models with no brake shown in the table.

  Note 4. When the stroke is longer than 750mm, 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.