

Single Axis Robots RS1 - Straight -

Features: Small, Economical Actuators:

Applicable to Remote Command Control, Remote I/O Control (CC-Link / DeviceNet Specification), Parallel I/O Control and Online Command Control (RS232C Specification).



Actuator

Controller

Cable

Instruction Manual CD-ROM

Black plastic specification is applied to the main body. (Please specify as alterations)

Components: Actuator, Controller, Cable

Accessory

Controller I/O Specifications			
A Accessory	NPN, PNP	CC-Link	DeviceNet
	Instruction Manual (CD-ROM), Power Connector, Dummy Connector		CC-Link Connector / DeviceNet Connector

Robot Material / Surface Treatment

Components	Guide Rail	Slider	Side Cover
M Material	Steel	Aluminum	Aluminum
S Surface Treatment	-	-	Anodize

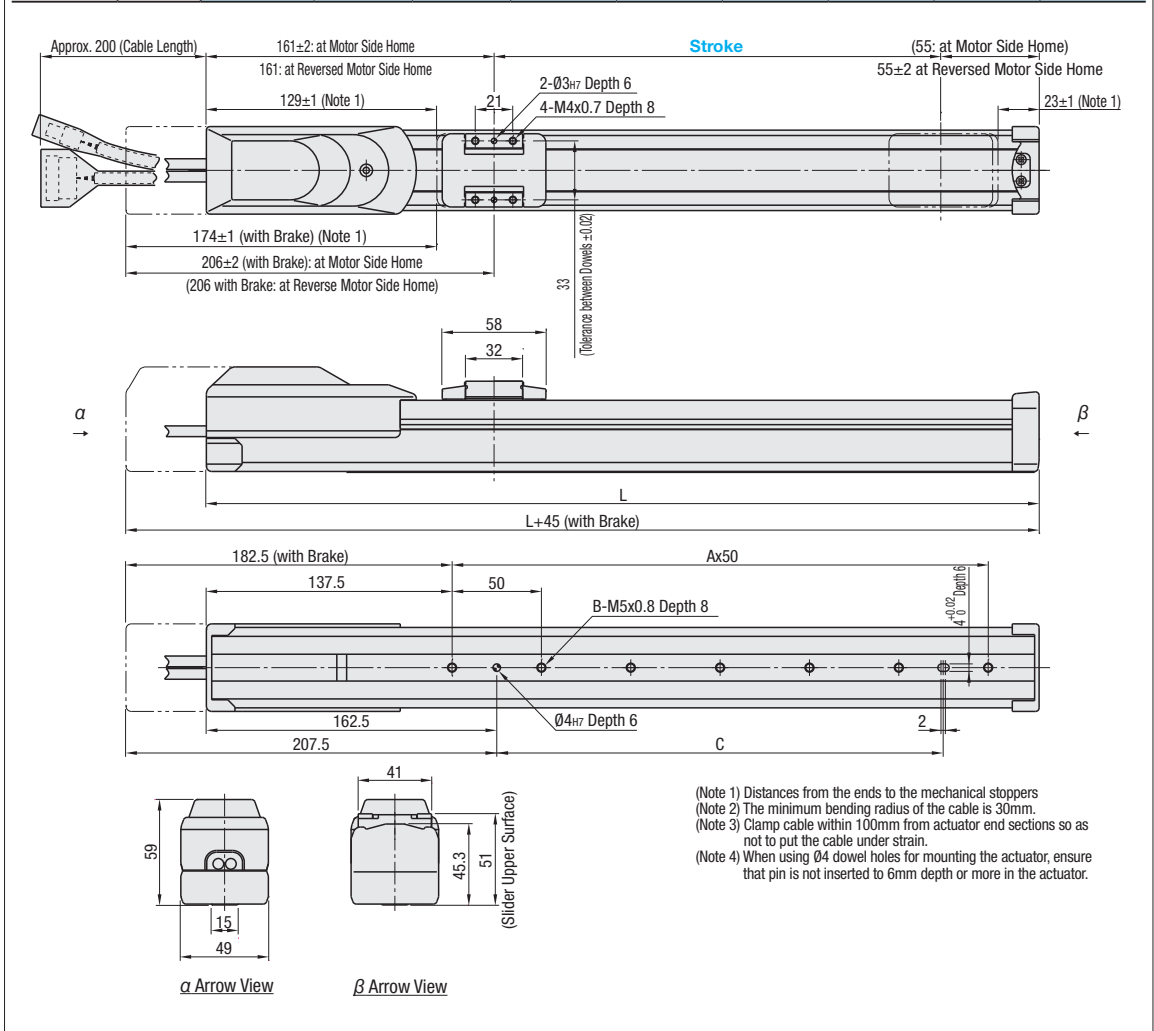
General Specifications

Ball Screw	Motor	Position Detector	Operating Ambient Temperature, Humidity
Ø8 (C10 Rolled)	Stepping	Resolver (Incremental)	0-40°C, 35-85%RH (No Condensation)

Controller Specifications **P.497-506** Clean Room Specifications are available on our website.

Standard Specifications FAQ **P504**

Type	Lead (mm)	Positioning Repeatability (mm)	Max Load Capacity (kg)		Max. Push Force (N)	Stroke (mm)	Max. Velocity (mm/sec)	Rated Running Life	Input Power Supply	Maximum Positioning Point
			Horizontal	Vertical						
RS1	02	±0.02	6	4	150	50~400 (50 Pitch)	100	10,000 km or More	DC24V ±10%	255 points
	06		4	2	90		300			
	12		2	1	45		600			



Dimensions / Mass

Type	Dimensions / Mass	Stroke (mm)							
		50	100	150	200	250	300	350	400
RS1	L (mm)	266	316	366	416	466	516	566	616
	A (mm)	2	3	4	5	6	7	8	9
	B (mm)	3	4	5	6	7	8	9	10
	C (mm)	50	100	150	200	250	300	350	400
	Mass (kg)	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.3