

Single Axis Robot RSH1 - Straight

Controller Specifications **P.497-506** Cycle Time Graph **P.455** Clean Room Specifications are available on our website.

■ Components: Actuator, Controller, Cable, (Battery), (Noise Filter)

■ Accessory

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

■ Robot Material / Surface Treatment

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

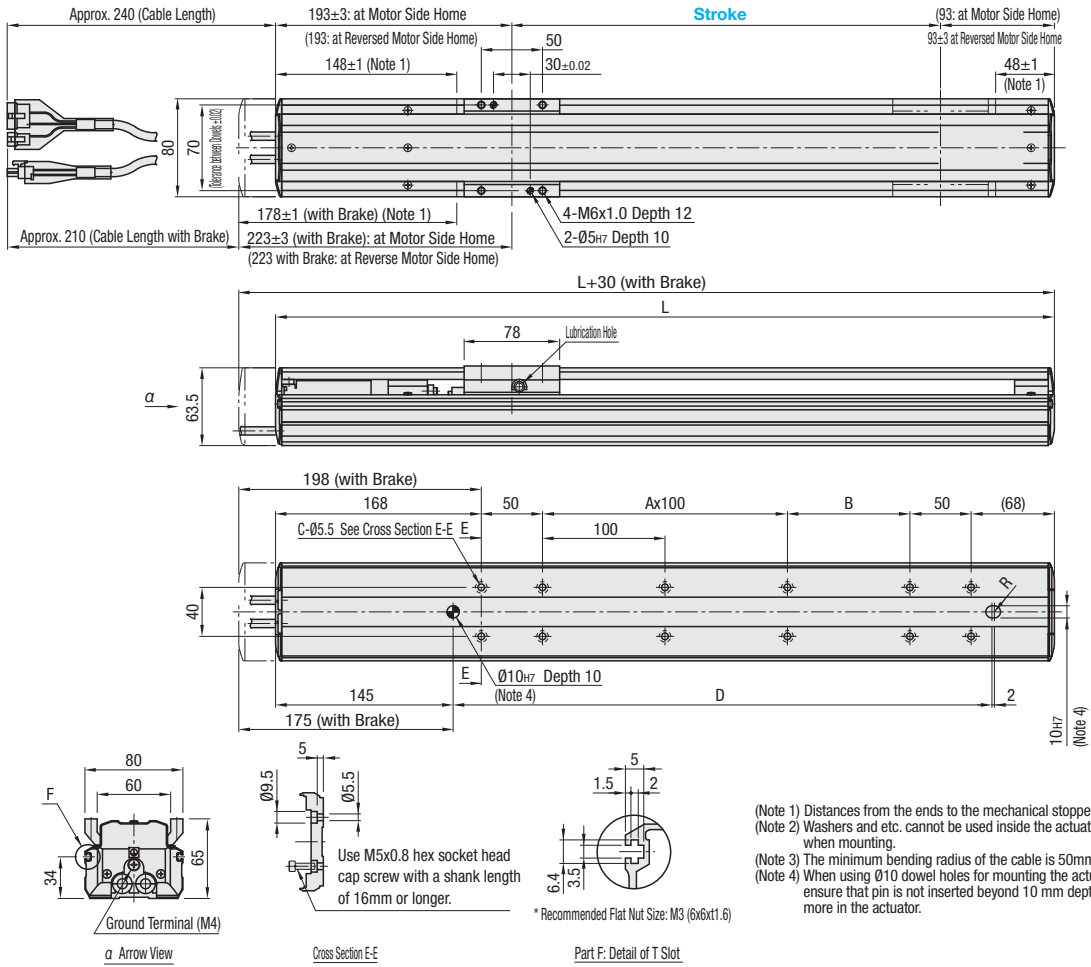
■ General Specifications

Ball Screw	Motor	Position Detector	Operating Ambient Temperature, Humidity
Ø12 (C10 Rolled)	AC Servo 100W	Resolver	0~40°C, 35~85%RH (No Condensation)

■ Standard Specifications FAQ **P.504**

Type	Lead (mm)	Positioning Repeatability (mm)	Max Load Capacity (kg)		Rated Force (N)	Max. Velocity (Note) (mm/sec)	Stroke (mm)	Rated Running Life	Input Power Supply	Maximum Positioning Point
			Horizontal	Vertical						
RSH1	06	±0.02	40	8	283	360~180	150~800 (50 Pitch)	10,000 km or More	Single-phase AC 100~115V 200~230V ±10%	255 points
	12		20	4	141	720~360				
	20		12	-	84	1200~600				

(Note) Maximum velocities allowed may vary depending on the stroke length selected. Please refer to the "Recommended Maximum Velocities" table.



■ Dimensions / Mass

Type	Dimensions / Mass	Stroke (mm)													
		150	200	250	300	350	400	450	500	550	600	650	700	750	800
RSH1	L(mm)	436	486	536	586	636	686	736	786	836	886	936	986	1036	1086
	A(mm)	0	0	1	1	2	2	3	3	4	4	5	5	6	6
	B(mm)	100	150	100	150	100	150	100	150	100	150	100	150	100	150
	C(mm)	8	8	10	10	12	12	14	14	16	16	18	18	20	20
	D(mm)	240	290	340	390	440	490	540	590	640	690	740	790	840	890
	Mass (kg)	3.6	3.9	4.2	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.4	6.7	7.0	7.3

⚠ The brake adds 0.3 kg to the mass.