




Single Axis Robots RSH4 - Straight -




Controller




Actuator



Signal Cable



Power Cable



Instruction Manual CD-ROM

Controller Specifications P497~506

Accessories	Controller I/O Specifications		
		NPN, PNP	CC-Link
	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

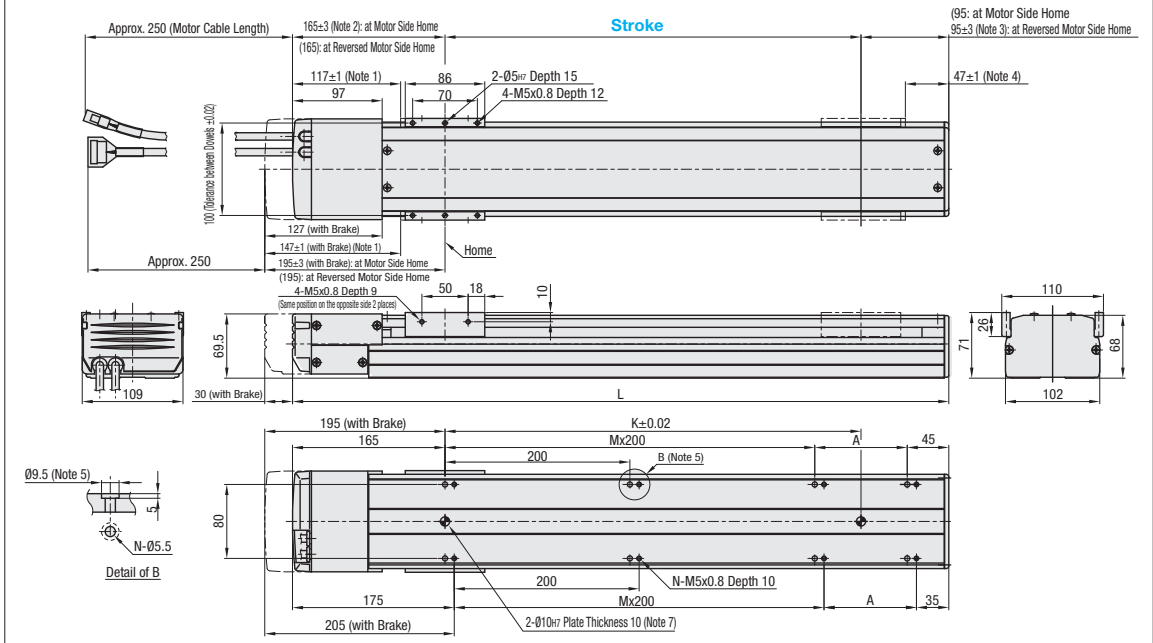
General Specifications

Ball Screw	Motor	Position Detector	Operating Ambient Temperature, Humidity
Ø15 (C7 Rolled)	AC Servo 100W	Resolver	0~40°C, 35~85%RH (No Condensation)

Standard Specifications FAQ P504

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						
RSH4	05	±0.01	60	20	339	~300	150~1050 (50 Pitch)	10,000km or More	Single-phase AC 100~115V 200~230V ±10%	255 points
	10		40	10	169	~600				
	20		20	4	84	~1200				
	30		15	-	56	~1800				

(Note) The maximum velocities may vary depending on the load capacity. Please refer to the "Recommended Maximum Velocities" table.



- Note 1. Mechanical stopper position from the ends.
- Note 2. For Large Lead Type (Lead 30), 167.5±4.
- Note 3. For Large Lead Type (Lead 30), 95±4.
- Note 4. For Large Lead Type (Lead 30), 44.5±1.
- Note 5. When mounting, washers cannot be used in Ø9.5 counter bored holes.
- Note 6. The minimum bending radius of the motor cable is 50mm.
- Note 7. When using Ø10 dowel holes for mounting the actuator, ensure that pin is not inserted beyond 10mm depth or more in the actuator.

Dimensions / Mass

Type	Dimensions / Mass	Stroke (mm)																		
		150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
RSH4	L (mm)	410	460	510	560	610	660	710	760	810	860	910	960	1010	1060	1110	1160	1210	1260	1310
	A (mm)	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100
	M (mm)	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5
	N (mm)	4	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14
	K (mm)	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
	Mass (kg)	5.5	5.7	5.8	6.2	6.5	6.9	7.3	7.7	8.1	8.5	8.8	9.2	9.6	10.0	10.4	10.8	11.1	11.5	11.9

⚠ The brake adds 0.6kg to the mass.