

Actuator Specifications Lead and Payloads 								Stroke and	l Maximum Speed
Model number	Motor output (W)	Feed Screw	Lead (mm)	Maximun Horizontal (kg)	n payload Vertical (kg)	Maximum push force (N)	Stroke (mm)	Lead (mm)	10~30 (every 10mm)
RCD-RA1DA-I-3-2-①-D3-②	2.5	Lead screw	2	0.7	0.3	4.2	10 to 30 (every 10 mm)	2	300
Lagend @Stroke @Cable length #Separate 4.71 for details on purch motion (Unit: mm/r									

Legend ① Stroke ② Cable length *See page A-71 for details on push motion.

①Stroke	
Stroke (mm)	Standard price
10	—
20	—
30	—

②Cable Length

Туре	Cable	Standard price		
	P (1m)	—		
Standard type	S (3m)			—
	M (5m)			—
Special length	X06 (6m)	۲	X10 (10m)	—
	X11 (11m)	~	X15 (15m)	—
	X16 (16m)	۲	X20 (20m)	—
Robot cable	R01 (1m)	۲	R03 (3m)	—
	R04 (4m)	~	R05 (5m)	—
	R06 (6m)	٢	R10 (10m)	—
	R11 (11m)	~	R15 (15m)	—
	R16 (16m)	~	R20(20m)	_

* See page A-59 for cables for maintenance.

Actuator Specifications

ltem	Description
Drive method	Ball screw, ø3mm
Positioning repeatability	±0.05mm
Lost motion	0.2mm or less
Encoder resolution	400 pulses/rev
Base	Material: Aluminum, white alumite treated
Allowable static moment	0.02 N•m
Rod non-rotation precision	±3 deg
Ambient operating temperature/humidity	0 to 40°C, 85% RH max. (Non-condensing)
Service life	10 million cycles (for horizontal and vertical)

Rod Type

DC rushless Motor





* ① indicates I/O type (NP/PN).

Linear Servo Motor

RCD-RA1DA **196**

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