

Arm type
Cable carrier

Type with Y-axis I/O cable carrier added

■ Ordering method

RCX320-2 FXYx - C 10 Safety - Option A (OP.A) - Option B (OP.B) - Vision System Specify various controller setting items. RCX320 ▶ P.626

	X-axis	Y-axis
Axis construction	=	-
AC servo motor output (W)	100	60
Repeatability Note 1 (mm)	+/-0.01	+/-0.02
Drive system	Ball screw ф15	Ball screw ¢12
Ball screw lead Note 2 (Deceleration ratio) (mm)	20	12
Maximum speed Note 3 (mm/sec)	1200	800
Moving range (mm)	150 to 1050	150 to 550
Robot cable length (m)	Standard: 3.5	Option: 5,10

Maximum p	payload (kg)
Y stroke (mm)	XY 2 axes
150	12
250	12
350	11
450	9
550	7
	9 7

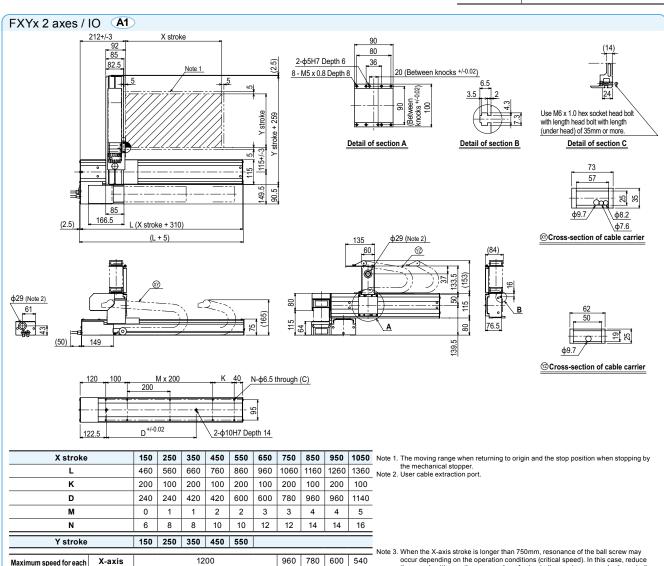
Note 1. Positioning repeatability in one direction.

Note 2. Leads not listed in the catalog are also available. Contact us for details.

Note 3. When the X-axis 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.

■ Controller	
Controller	Operation method
RCX320	Programming / I/O point trace / Remote command / Operation using RS-232C communication

the speed setting on the program by referring to the maximum speeds shown in the



960 780 600 540

80% 65% 50% 45%

table at the left.

1200

Maximum speed for each stroke (mm/sec) Note 3

X-axis