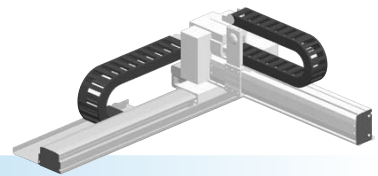


# FXyBx 2 axes / IO

- Arm type
- Cable carrier
- Type with Y-axis I/O cable carrier added



## Ordering method

<b>FXyBx - C</b>					<b>IO</b>		<b>RCX222</b>			
<b>Model</b>	<b>Cable</b>	<b>Combination</b>	<b>X-axis stroke</b>	<b>Y-axis stroke</b>	<b>ZR-axis</b>	<b>Cable</b>	<b>Controller</b>	<b>Usable for CE</b>	<b>Input/Output selection 1</b>	<b>Input/Output selection 2</b>
A1		A1	15 to 245cm	15 to 55cm		3L: 3.5m 5L: 5m 10L: 10m	RCX222	No entry: Standard E: CE marking	N: NPN <sup>Note 1</sup> P: PNP CC: CC-Link DN: DeviceNet™ PB: PROFIBUS EN: Ethernet YC: YC-Link <sup>Note 2</sup>	No entry: None N1: OP.DIO24/16 (NPN) <sup>Note 1</sup> P1: OP.DIO24/17 (PNP) EN: Ethernet <sup>Note 3</sup>
A2		A2								
A3		A3								
A4		A4								

Note 1. NPN cannot be selected if using CE marking.  
 Note 2. Available only for the master. See P.54 for details on YC-Link system.  
 Note 3. Only when CC or DN or PB was selected for I/O select 1 above. EN can be selected in I/O select 2.

## Specification

	X-axis	Y-axis
<b>Axis construction</b> <sup>Note 1</sup>	B10	-
<b>AC servo motor output (W)</b>	100	100
<b>Repeatability</b> <sup>Note 2</sup> (mm)	+/-0.04	+/-0.04
<b>Drive system</b>	Timing belt	Timing belt
<b>Ball screw lead (Deceleration ratio) (mm)</b>	Equivalent to lead 25	Equivalent to lead 25
<b>Maximum speed (mm/sec)</b>	1875	1875
<b>Moving range (mm)</b>	150 to 2450	150 to 550
<b>Robot cable length (m)</b>	Standard: 3.5 Option: 5,10	

Note 1. Use caution that the flame machining (installation holes, tap holes) differs from single-axis robots'.  
 Note 2. Positioning repeatability in one direction.

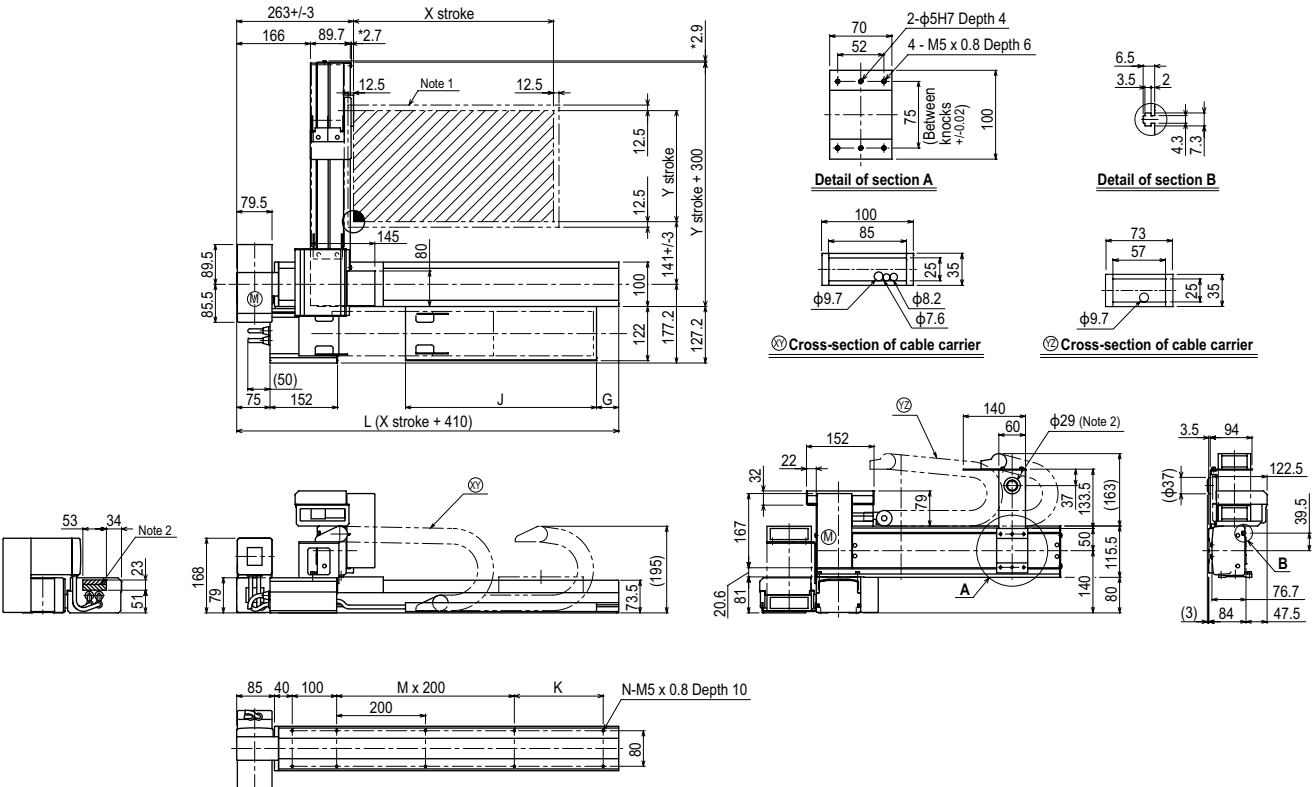
## Maximum payload (kg)

Y stroke (mm)	XY 2 axes
150	7
250	6
350	5
450	5
550	3

## Controller

Controller	Operation method
RCX222	Programming / I/O point trace / Remote command / Operation using RS-232C communication

## FXyBx 2 axes / IO A1



Note 1. The moving range when returning to origin and the stop position when stopping by the mechanical stopper.  
 Note 2. The shaded position indicates a user cable extraction port.  
 Note 3. The dimension marked with an asterisk (\*) indicates the height of the screw.

X stroke	150	250	350	450	550	650	750	850	950	1050	1150	1250	1350	1450	1550	1650	1750	1850	1950	2050	2150	2250	2350	2450
<b>L</b>	560	660	760	860	960	1060	1160	1260	1360	1460	1560	1660	1760	1860	1960	2060	2160	2260	2360	2460	2560	2660	2760	2860
<b>K</b>	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200
<b>M</b>	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12
<b>N</b>	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30
<b>G</b>	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50
<b>J</b>	330	330	430	430	530	530	630	630	730	730	830	830	930	930	1030	1030	1130	1130	1230	1230	1330	1330	1430	1430
<b>Y stroke</b>	150	250	350	450	550																			