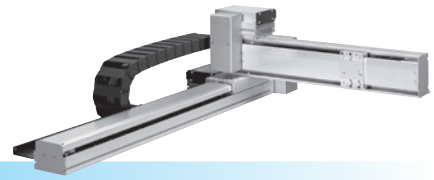


APPLICATION  
TRANSMISSION  
FLIP-X  
PHASER  
XY-X  
YK-XG  
YP-X  
CLEAN  
CONTROLLER INFORMATION  
Arm type  
Gantry type  
Moving arm  
Pole type  
XZ type

# FXYBx 2 axes

- Arm type
- Cable carrier



## Ordering method

<b>FXYBx - C</b>					<b>RCX222</b>				
Model	Cable	Combination	X-axis stroke	Y-axis stroke	Cable length	Controller	Usable for CE	Input/Output selection 1	Input/Output selection 2
A1			15 to 245cm	15 to 55cm	3L: 3.5m (Standard) 5L: 5m 10L: 10m	RCX222 DRCX0505	No entry: Standard E: CE marking	N: NPN <sup>Note 1</sup> P: PNP CC: CC-Link DN: DeviceNet PB: Profibus EN: Ethernet <sup>Note 1</sup> YC: YC-Link <sup>Note 1 &amp; 2</sup>	No entry: None N1: OP.DIO24/16 (NPN) <sup>Note 1</sup> P1: OP.DIO24/17 (PNP) EN: Ethernet <sup>Note 1 Note 3</sup>

Note 1. NPN and Ethernet cannot be selected if using CE marking.  
 Note 2. Available only for the master.  
 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
Axis construction <sup>Note 1</sup>	B10	-
AC servo motor output (W)	100	100
Repeatability <sup>Note 2</sup> (mm)	+/-0.04	+/-0.04
Drive system	Timing belt	Timing belt
Ball screw lead (Deceleration ratio) (mm)	Equivalent to lead 25	Equivalent to lead 25
Maximum speed (mm/sec)	1875	1875
Moving range (mm)	150 to 2450	150 to 550
Robot cable length (m)	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.

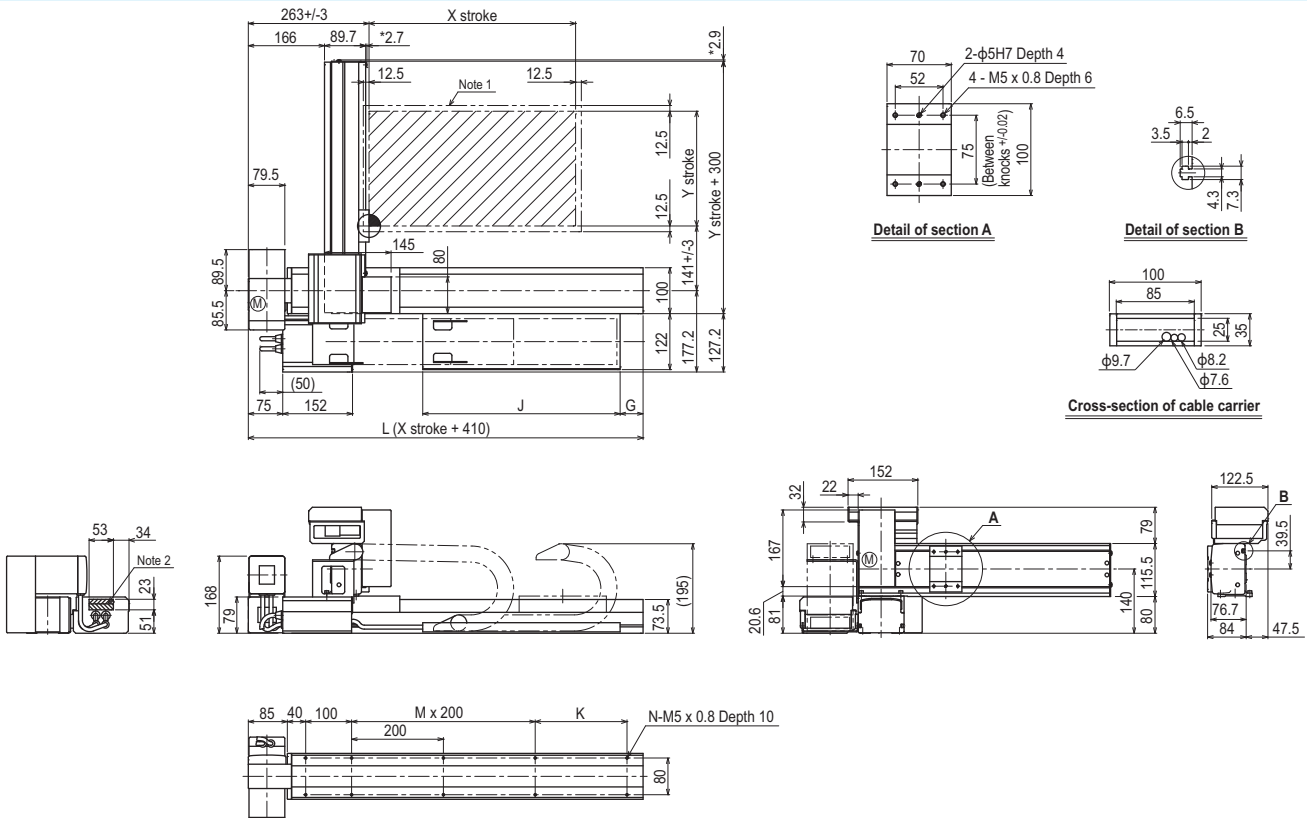
## Maximum payload (kg)

Y stroke (mm)	XY 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
DRCX0505	

## FXYBx 2 axes A1



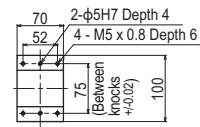
Note 1. The moving range when returning to origin and the stop position when stopping by the mechanical stopper. Note 2. The shaded position indicates an user cable extraction port. Note 3. The dimension marked with an asterisk (\*) indicates the height of the screw.

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
L	560	660	760	860	960	1060	1160	1260	1360	1460	1560	1660	1760	1860	1960	2060	2160	2260	2360	2460	2560	2660	2760	2860
K	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200
M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12
N	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30
G	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50
J	330	330	430	430	530	530	630	630	730	730	830	830	930	930	1030	1030	1130	1130	1230	1230	1330	1330	1430	1430
Y stroke	150	250	350	450	550																			

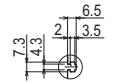
158

Controller  
**RCX222 ▶ 395 DRCX ▶ 387**

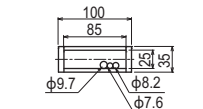
**FXYBx 2 axes A2**



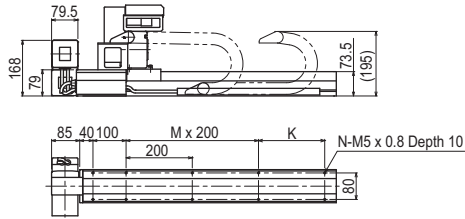
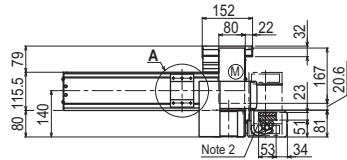
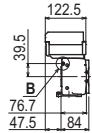
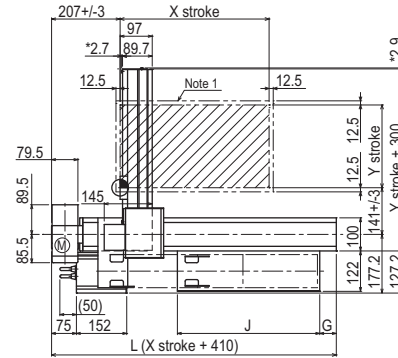
**Detail of section A**



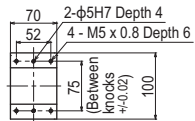
**Detail of section B**



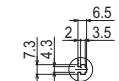
**Cross-section of cable carrier**



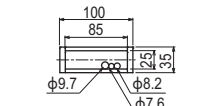
**FXYBx 2 axes A3**



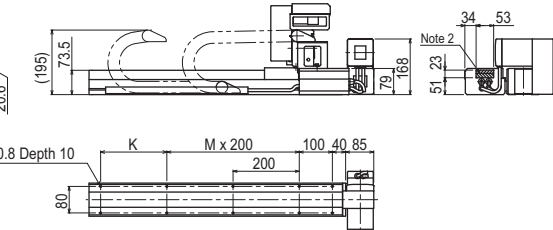
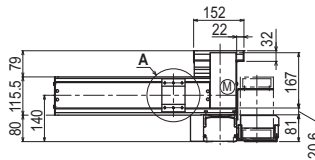
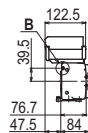
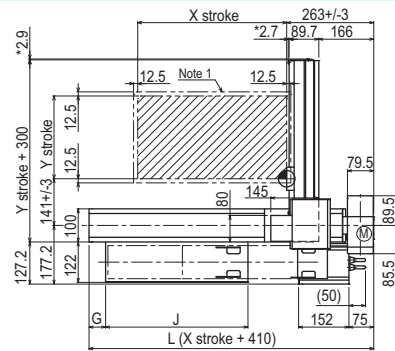
**Detail of section A**



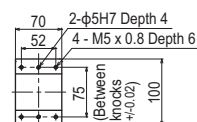
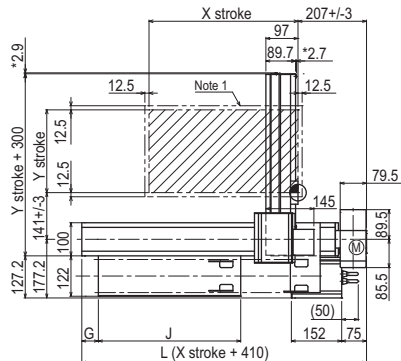
**Detail of section B**



**Cross-section of cable carrier**



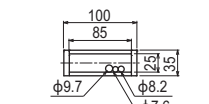
**FXYBx 2 axes A4**



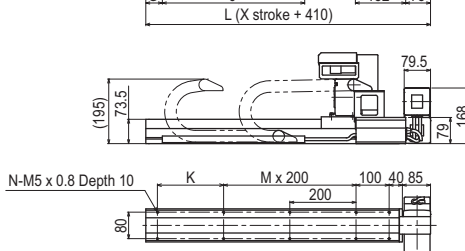
**Detail of section A**



**Detail of section B**



**Cross-section of cable carrier**



APPLICATION  
TRANSERO  
Compact  
single-axis robots  
FLIP-X  
Single-axis robots  
PHASER  
Linear motor  
single-axis robots  
XX-X  
Cartesian  
robots  
YK-XG  
SCARA  
robots  
YP-X  
Pick & place  
robots  
CLEAN  
CONTROLLER  
INFORMATION

Arm type  
Gantry type  
Moving arm  
type  
Pole type  
XZ type