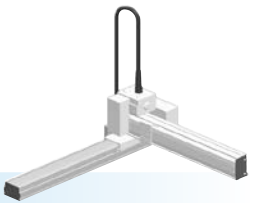
FXYBx 2 axes

Arm type Whipover



Ordering method

FXYBx - S - [Combination] - [X-axis stroke] - [Y-axis stroke] - [Cable] - RCX320-2 - [Safety standard] - [Option A (OP.A)] - [Option B (OP.B)] - [Vision System] - [Absolute battery]

Model	Cable	Combination	X-axis stroke	Y-axis stroke	Cable
FXYBx	S	A1 A2 A3 A4	15 to 95cm	15 to 55cm	3L: 3.5m 5L: 5m 10L: 10m

Controller / Number of controllable axes	Safety standard	Option A (OP.A)	Option B (OP.B)	Vision System	Absolute battery
RCX320-2					

Specify various controller setting items. RCX320 ▶ P.660

RCX222 - [Usable for CE] - [I/O selection 1] - [I/O selection 2]

Controller	Usable for CE	I/O selection 1	I/O selection 2
RCX222			

Specify various controller setting items. RCX222 ▶ P.670

Specification

	X-axis	Y-axis
Axis construction Note 1	B10	–
AC servo motor output (W)	100	100
Repeatability Note 2 (mm)	+/-0.04	+/-0.04
Drive system	Timing belt	Timing belt
Ball screw lead Note 3 (Deceleration ratio) (mm)	Equivalent to lead 25	Equivalent to lead 25
Maximum speed (mm/sec)	1875	1875
Moving range (mm)	150 to 950	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.
Note 3. Leads not listed in the catalog are also available. Contact us for details.

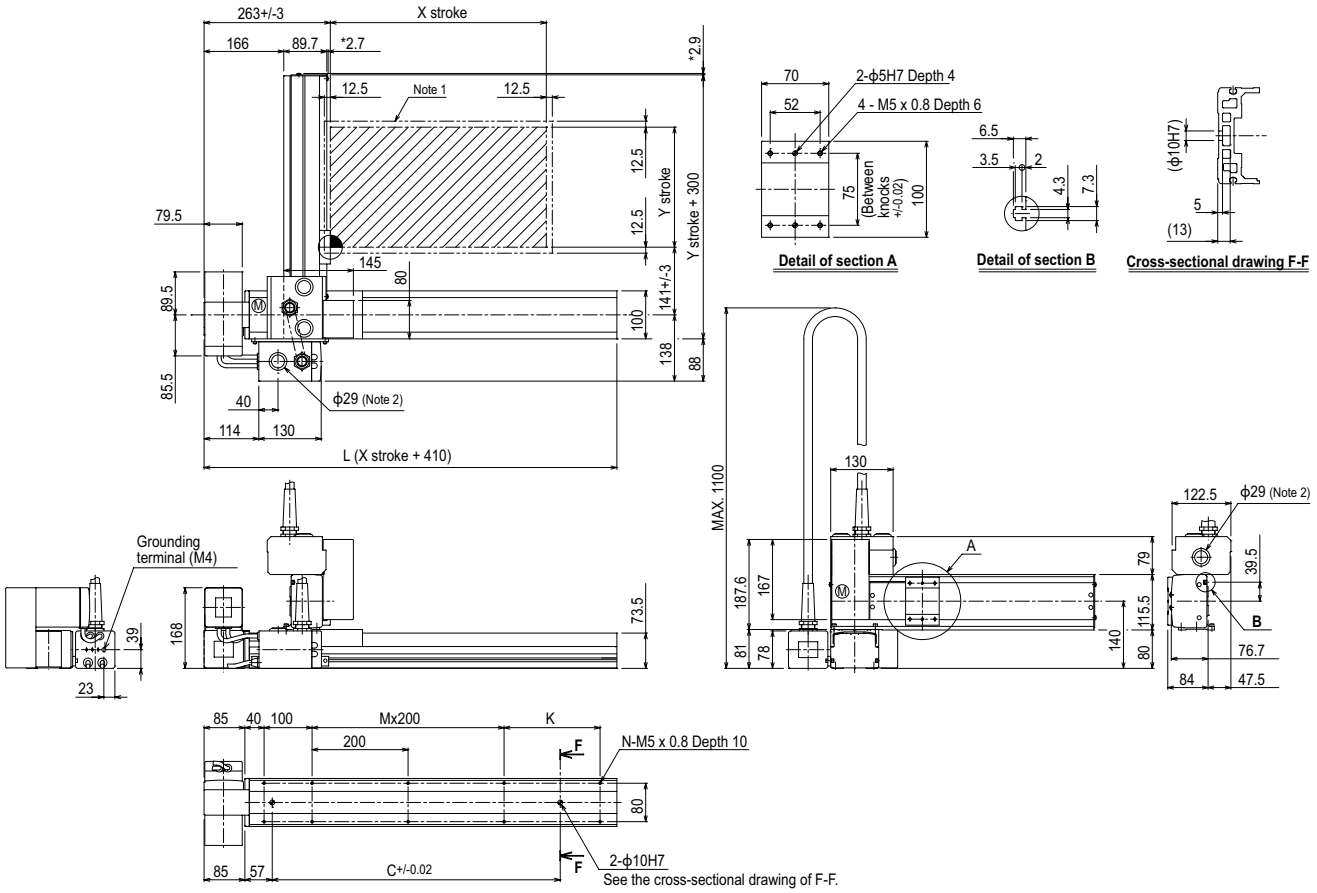
Maximum payload (kg)

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

Controller

Controller	Operation method
RCX320 RCX222	Programming / I/O point trace / Remote command / Operation using RS-232C communication

FXYBx 2 axes A1

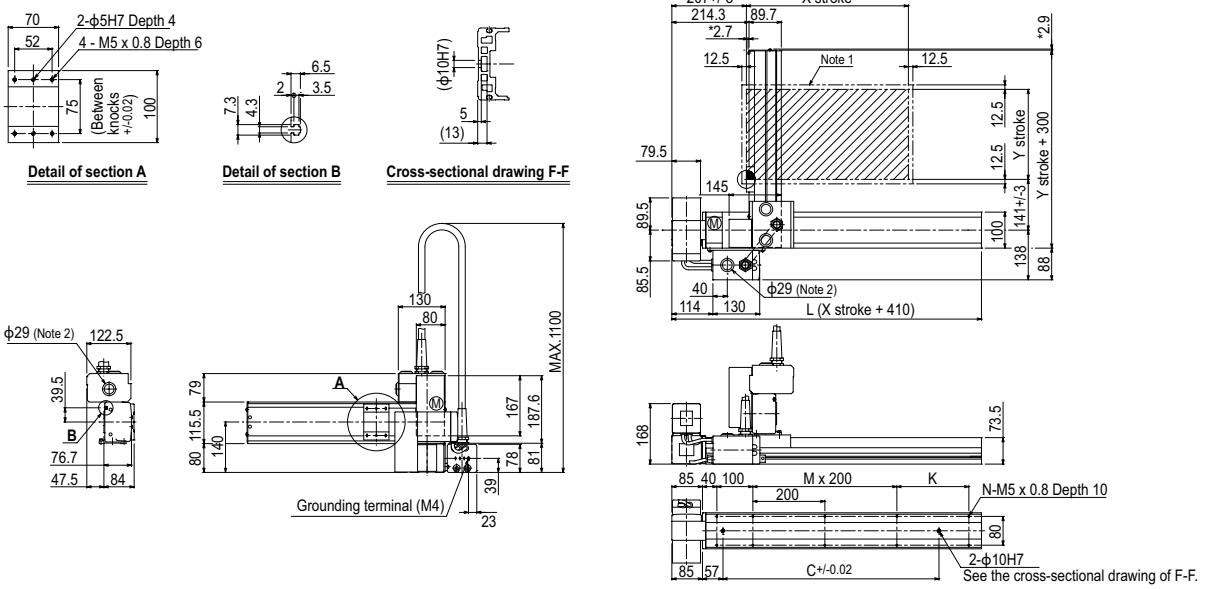


X stroke	150	250	350	450	550	650	750	850	950
L	560	660	760	860	960	1060	1160	1260	1360
C	240	420	600	600	780	780	960	960	1140
K	100	200	100	200	100	200	100	200	100
M	1	1	2	2	3	3	4	4	5
N	8	8	10	10	12	12	14	14	16

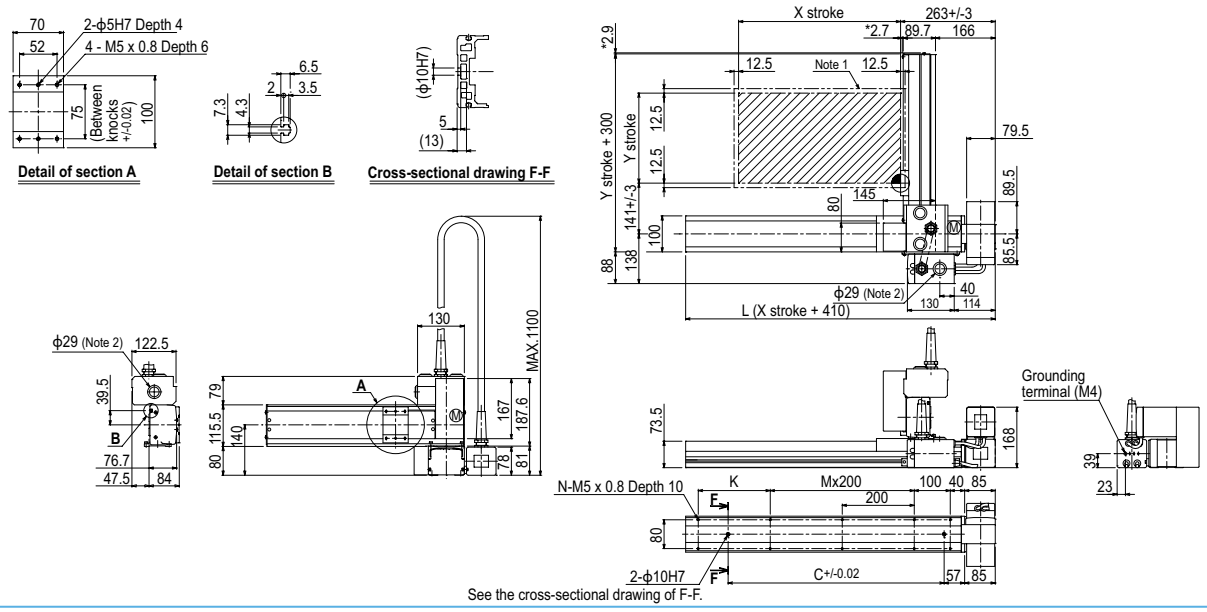
Y stroke	150	250	350	450	550

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

FXYBx 2 axes A2



FXYBx 2 axes A3



FXYBx 2 axes A4