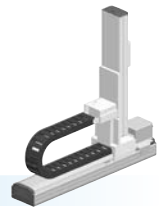


MXYx 2 axes

● Pole type ● Cable carrier



Ordering method

MXYx - C - P2

| Model | Cable | Combination | X-axis stroke | Y-axis stroke | Cable |
|-------|-------|-------------|---------------|---------------|--------------------------------|
| | | | 25 to 125cm | 15 to 65cm | 3L: 3.5m 5L: 5m 10L: 10m |

RCX320-2 **R**

| Controller / Number of controllable axes | Safety standard | Regenerative unit | Option A (O.P.A) | Option B (O.P.B) | Vision System | Absolute battery |
|--|-----------------|-------------------|------------------|------------------|---------------|------------------|
|--|-----------------|-------------------|------------------|------------------|---------------|------------------|

Specify various controller setting items. RCX320 ▶ **P.660**

RCX222 **R**

| Controller | Usable for CE | Regenerative unit | I/O selection 1 | I/O selection 2 |
|------------|---------------|-------------------|-----------------|-----------------|
|------------|---------------|-------------------|-----------------|-----------------|

Specify various controller setting items. RCX222 ▶ **P.670**

Specification

| | X-axis | Y-axis |
|---|----------------------------|----------------|
| Axis construction ^{Note 1} | F17 | F14H-BK |
| AC servo motor output (W) | 400 | 200 |
| Repeatability ^{Note 2} (mm) | +/-0.01 | +/-0.01 |
| Drive system | Ball screw φ20 | Ball screw φ15 |
| Ball screw lead ^{Note 3} (Deceleration ratio) (mm) | 20 | 10 |
| Maximum speed ^{Note 4} (mm/sec) | 1200 | 600 |
| Moving range (mm) | 250 to 1250 | 150 to 650 |
| 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.
 Note 4. When the X-axis stroke is longer than 850mm, 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.

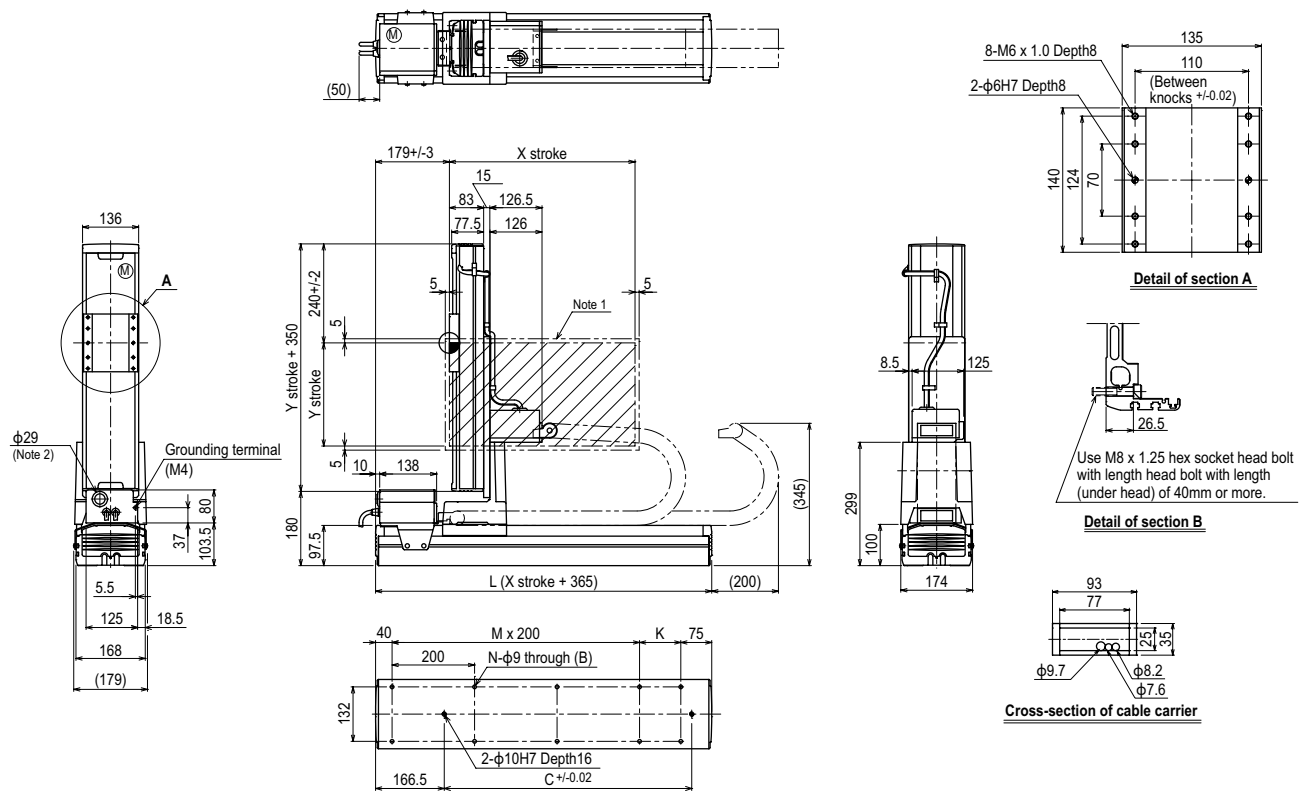
Maximum payload (kg)

| Y stroke (mm) | XY 2 axes |
|---------------|-----------|
| 150 to 650 | 20 |

Controller

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

MXYx 2 axes P2



| X stroke | 250 | 350 | 450 | 550 | 650 | 750 | 850 | 950 | 1050 | 1150 | 1250 |
|--|---------------|-----|------|-----|------|------|------|------|------|------|------|
| L | 615 | 715 | 815 | 915 | 1015 | 1115 | 1215 | 1315 | 1415 | 1515 | 1615 |
| K | 100 | 200 | 100 | 200 | 100 | 200 | 100 | 200 | 100 | 200 | 100 |
| C | 240 | 420 | 600 | 600 | 780 | 780 | 960 | 960 | 1140 | 1140 | 1320 |
| M | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 7 |
| N | 8 | 8 | 10 | 10 | 12 | 12 | 14 | 14 | 16 | 16 | 18 |
| Y stroke | 150 | 250 | 350 | 450 | 550 | 650 | | | | | |
| Maximum speed for each stroke (mm/sec) ^{Note 3} | X-axis | | 1200 | | | | 960 | 840 | 720 | 600 | 480 |
| | Speed setting | | - | | | | 80% | 70% | 60% | 50% | 40% |

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. When the X-axis stroke is longer than 850mm, 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 at the left.

Articulated robots YA
 Linear conveyor modules LCM
 Single-axis robots CX
 Motor-less single-axis actuator Robomity
 Compact single-axis robots TRANSEVO
 Single-axis robots FLIP-X
 Linear motor single-axis robots PHASER
 Cartesian robots XY-X
 SCARA robots YK-X
 Pick & place robots YP-X
 CLEAN
 CONTROLLER INFORMATION
 Arm type
 Gantry type
 Moving arm type
 Pole type
 XZ type