### Ordering method

<table>
<thead>
<tr>
<th>Model</th>
<th>Cable</th>
<th>X-axis stroke</th>
<th>Y-axis stroke</th>
<th>Cable length</th>
<th>Controller</th>
</tr>
</thead>
<tbody>
<tr>
<td>HXYLx - C</td>
<td>RCX222HP-R</td>
<td>+400 m</td>
<td>+400 m</td>
<td>2 to 7 m</td>
<td>RCX22200</td>
</tr>
</tbody>
</table>

### Specification

- **Axis construction**
  - X-axis: F20N
  - Y-axis: F17
- **AC servo motor output (W)**
  - X-axis: 400
  - Y-axis: 400
- **Repeatability** (mm)
  - X-axis: +/-0.04
  - Y-axis: +/-0.01
- **Drive system**
  - Ball screw (Class C10)
  - Ball screw (Class C7)
- **Ball screw lead (Deceleration ratio) (mm)**
  - X-axis: 20
  - Y-axis: 20
- **Maximum speed (mm/sec)**
  - X-axis: 1200
  - Y-axis: 1200
- **Moving range (mm)**
  - X-axis: 1150 to 2050
  - Y-axis: 250 to 1050
- **Robot cable length (m)**
  - Standard: 3.5
  - Option: 5, 10

### Maximum payload (kg)

<table>
<thead>
<tr>
<th>Y stroke (mm)</th>
<th>XY 2 axes</th>
<th>Cable combination</th>
</tr>
</thead>
<tbody>
<tr>
<td>250 to 1050</td>
<td>50</td>
<td>79</td>
</tr>
</tbody>
</table>

### Controller

<table>
<thead>
<tr>
<th>Controller</th>
<th>Operation method</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCX222HP-R</td>
<td>Programming / I/O point trace / Remote command / Operation using</td>
</tr>
<tr>
<td>DRCX2020-R</td>
<td>RS-232 communication</td>
</tr>
</tbody>
</table>

### Notes

1. Use caution that the flame machining (installation holes, tap holes) differs from single-axis robots.
2. Positioning repeatability in one direction.
3. When the Y-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.
4. The moving range when returning to origin and the stop position when stopping by the mechanical stopper.
5. User cable extraction port.
6. Dimension of reinforced bracket. (To be installed when the Y stroke is 750mm or longer)
7. Note 1: When the Y-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.