### Ordering method

**YK600XGL - 150**

- **Model**: YK600XGL - 150
- **Arm length**: 600mm
- **Maximum payload**: 5kg
- **Controller**: RCX340
- **Controller specifications**:
  - **Power capacity (VA)**: 1000
  - **Operation method**: Programming / I/O point trace / Remote command / Operation using RS-232C communication

### Specifications

<table>
<thead>
<tr>
<th>Axis specifications</th>
<th>X-axis</th>
<th>Y-axis</th>
<th>Z-axis</th>
<th>R-axis</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Arm length</strong></td>
<td>350 mm</td>
<td>250 mm</td>
<td>150 mm</td>
<td></td>
</tr>
<tr>
<td><strong>Rotation angle</strong></td>
<td>+/-140°</td>
<td>+/-144°</td>
<td>+/-150°</td>
<td>+/-360°</td>
</tr>
<tr>
<td><strong>Servo motor output</strong></td>
<td>200 W</td>
<td>150 W</td>
<td>50 W</td>
<td>100 W</td>
</tr>
<tr>
<td><strong>Deceleration</strong></td>
<td></td>
<td></td>
<td>+0.01 mm</td>
<td></td>
</tr>
<tr>
<td><strong>Maximum speed</strong></td>
<td>4.9 m/sec</td>
<td>1.1 m/sec</td>
<td>1020 /sec</td>
<td></td>
</tr>
<tr>
<td><strong>Maximum payload</strong></td>
<td>5 kg (Standard specification)</td>
<td>4 kg (Option specifications)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Controller**

- **RCX340**: 508
- **RCX240S**: 495

### Notes

1. **Note 1**: This is the value at a constant ambient temperature. (X,Y axes)
2. **Note 2**: When reciprocating 300mm in horizontal and 25mm in vertical directions.
3. **Note 3**: There are limits to acceleration coefficient settings. See P.538.
4. **Note 4**: Maximum payload of option specifications (with tool flange attached or with user wiring and tubing routed through spline shaft) is 4kg.
YK600XGL Tool flange mount type

- Note that the robot cannot be used at a position where the base flange or robot cable interferes with the tool flange in the working envelope shown above.
- X-axis mechanical stopper position: 142°
- Y-axis mechanical stopper position: 146°

4-M3 x 0.5 through-hole
(No phase relation to R-axis origin.)

As this hole is intended for the wiring/tubing clamp, do not attach a large load to it.

Option:
User wiring/tubing through spline type

Detailed drawing D

View of E

User tubing 1 (ϕ4 black)
User tubing 2 (ϕ4 red)
User tubing 3 (ϕ4 blue)

D-sub connector for user wiring (No. 1 to 10 usable)

4-ϕ9 bolt for installation, 4 bolts used

Tapped hole for user wiring 6-M3 x 0.5 Depth 6

R27 (Min. cable bending radius)
Do not move the cable.

Keep enough space for the maintenance work at the rear of the base.

Controller RCX340 ▶ 508 RCX240S ▶ 495