Arm length 400mm
Maximum payload 4kg

Ordering method

YK400XE- 4

150

RCX340-4

| ■ Specifications | | | | | | |
|--|---------------------|-------------------------|--|----------|-------------|-------------|
| | | | X-axis | Y-axis | Z-axis | R-axis |
| Axis | Arm length | | 225 mm | 175 mm | 150 mm | - |
| specifications | Rotation angle | | +/-132 ° | +/-150 ° | - | +/-360 ° |
| AC servo motor output | | | 200 W | 100 W | 100 W | 100 W |
| Deceleration mechanism | Transmission method | Motor to speed reducer | Direct-coupled | | Timing belt | |
| | | Speed reducer to output | Direct-coupled | | | Timing belt |
| Repeatability Note 1 | | | +/-0.01 mm | | +/-0.01 mm | +/-0.01 ° |
| Maximum speed | | | 6 m | /sec | 1.1 m/sec | 2600 °/sec |
| Maximum payload | | | 4 kg (Standard specification), 3 kg (Option specifications Note 4) | | | |
| Standard cycle time: with 2kg payload Note 2 | | | 0.41 sec | | | |
| R-axis tolerable moment of inertia Note 3 | | | 0.05 kgm² (0.5 kgfcms²) | | | |
| User wiring | | | 0.2 sq × 10 wires | | | |
| User tubing (Outer diameter) | | | ф 4 × 3 | | | |
| Travel limit | | | 1.Soft limit 2.Mechanical stopper (X,Y,Z axis) | | | |
| Robot cable length | | | Standard: 3.5 m Option: 5 m, 10 m | | | |
| Weight | | | 17 kg | | | |

Note 1. This is the value at a constant ambient temperature. (X,Y axes)

Note 2. When reciprocating 300mm in horizontal and 25mm in vertical directions and performing the coarse positioning arch operation.

Note 3. The acceleration coefficient is set automatically in accordance with the tip weight and offset amount for R-axis moment of inertia settings.

Note 4. Maximum payload of option specifications (with user wirring/tubing through spline type) is 3kg.

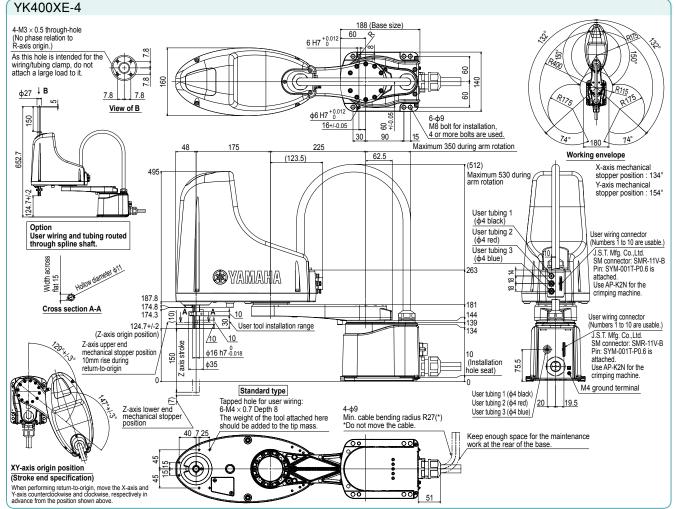
Controller Power capacity (VA) Operation method Programming / Remote command / RCX340 1000 Operation using RS-232C communication

Note. The movement range can be restricted by adding the X- and Y-axis mechanical stoppers. (The maximum movement range was set at shipment.)
See our robot manuals (installation manuals) for detailed information.

Note. To set the standard coordinates with high accuracy, use a standard coordinate with high accuracy.

standard coordinate setting jig (option). Refer to the user's manual (installation manual) for more details.

Our robot manuals (installation manuals) can be downloaded from our website at the address below https://global.yamaha-motor.com/business/robot/



■ Controller

Specify various controller setting items. RCX340 ▶ P.566

17 kg