

YK220XC

Note. Built-to-order product. Contact us for the delivery period.

- Arm length 220mm
- Maximum payload 1kg

Ordering method

YK220XC - 100

Model	Z axis stroke	Cable length
	100: 100mm	3L: 3.5m
		5L: 5m
		10L: 10m

RCX340-4

Controller / Number of controllable axes	Safety standard	Option A (OP.A)	Option B (OP.B)	Option C (OP.C)	Option D (OP.D)	Option E (OP.E)	Absolute battery
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Specify various controller setting items. RCX340 ▶ **P.542**

RCX240S

Controller	CE Marking	Expansion I/O	Network option	iVY System	Gripper	Battery
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Specify various controller setting items. RCX240/RCX240S ▶ **P.532**

Basic specifications

Axis specifications	X axis	Y axis	Z axis	R axis
Arm length (mm)	111	109	100	-
Rotation angle (°)	+/-120	+/-140	-	+/-360
AC servo motor output (W)	50	30	30	30
Repeatability^{Note 1} (XYZ: mm) (R: °)	+/-0.01			
Maximum speed (XYZ: m/sec) (R: °/sec)	3.4			
Maximum payload (kg)	1.0			
Standard cycle time: with 0.1kg payload^{Note 2} (sec)	0.45			
R-axis tolerable moment of inertia^{Note 3} (kgm²)	0.01			
User wiring (sq x wires)	0.1 x 8			
User tubing (Outer diameter)	φ3 x 2			
Travel limit	1.Soft limit, 2.Mechanical stopper (X, Y, Z axes)			
Robot cable length (m)	Standard: 3.5 Option: 5, 10			
Weight (kg) (Excluding robot cable)^{Note 4}	6.5			
Robot cable weight	1.5kg (3.5m) 2.1kg (5m) 4.2kg (10m)			
Degree of cleanliness	CLASS 10 (0.1μm base)			
Intake air (Nℓ/min)	30			

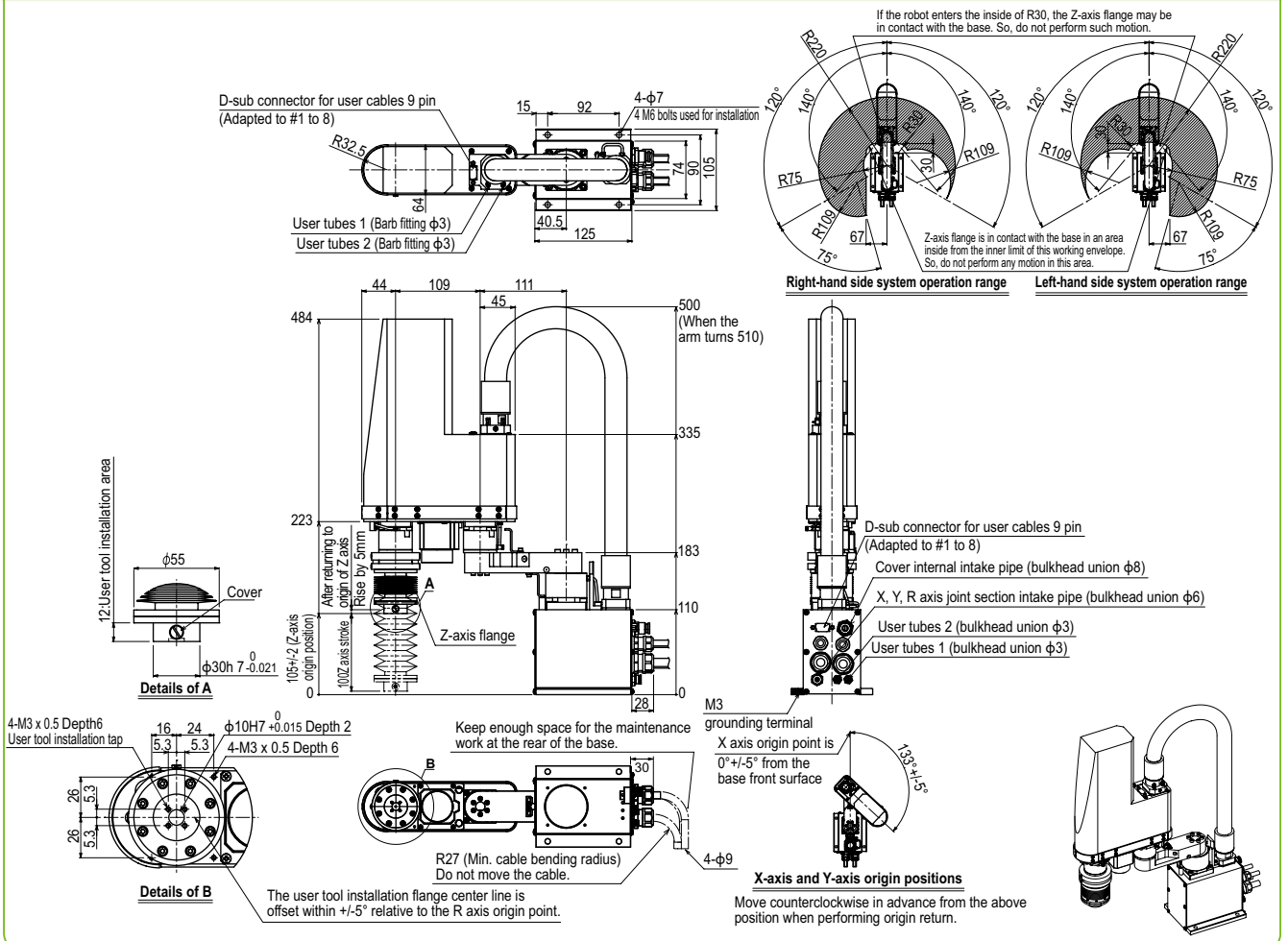
Note 1. This is the value at a constant ambient temperature.
 Note 2. When reciprocating 100mm in horizontal and 25mm in vertical directions.
 Note 3. There are limits to acceleration coefficient settings.
 Note 4. The total robot weight is the sum of the robot body weight and the cable weight.

Controller

Controller	Power capacity (VA)	Operation method
RCX340 RCX240S	500	Programming / I/O point trace / Remote command / Operation using RS-232C communication

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YK220XC



Articulated robots
YA

Linear conveyor modules
LCM100

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

Single-axis
Cartesian
SCARA