

YK400XCH

- Arm length 400mm
- Maximum payload 3kg

Ordering method

YK400XCH - 150

Model	Z axis stroke
	150: 150mm

RCX240

Cable length
3L: 3.5m (Standard)
5L: 5m
10L: 10m

Controller

Usable for CE

No entry: Standard
E: CE marking

Expansion I/O

Note 1	
N, P: Standard I/O 16/8	
N1, P1: 40/24	
N2, P2: 64/40	
N3, P3: 88/56	
N4, P4: 112/72	

Network option

No entry: None
CC: CC-Link
DN: DeviceNet
PB: Profibus
EN: Ethernet
YC: YC-Link

Battery

BB: 4 pcs



Note 1. Use N to N4 when NPN is selected on the I/O board, and P to P4 when PNP is selected.
Note 2. Available only for the master.

Basic specifications

	X axis	Y axis	Z axis	R axis
Axis specifications				
Arm length (mm)	225	175	50	-
Rotation angle (°)	+/-115	+/-143	-	+/-360
AC servo motor output (W)	200	100	100	100
Repeatability Note 1 (XYZ mm) (R)	+/-0.01		+/-0.01	+/-0.005
Maximum speed (XYZ m/sec) (R /sec)	6.0		1.0	1020
Maximum payload (kg)	3			
Standard cycle time with 2kg payload (sec)	0.66			
R-axis tolerable moment of inertia Note 2 (kgm ²)	0.05			
User wiring (sq x wires)	0.2 x 10			
User tubing (Outer diameter)	φ4 x 3			
Travel limit	1.Soft limit, 2.Mechanical stopper (X, Y, Z axes)			
Robot cable length (m)	Standard: 3.5 Option: 5, 10			
Weight (kg)	16			
Degree of cleanliness	CLASS 10 Note 3			
Intake air (Nℓ min)	60 Note 4			

Note 1. This is the value at a constant ambient temperature. (X,Y axes)
Note 2. There are limits to the setting of the acceleration coefficient.
Note 3. Per 1cf (0.1μm base), when suction blower is used.
Note 4. The necessary intake amount varies depending on the use conditions and environment.

Controller

Controller	Power capacity (VA)	Operation method
RCX240	1000	Programming / I/O point trace / Remote command / Operation using RS-232C communication

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