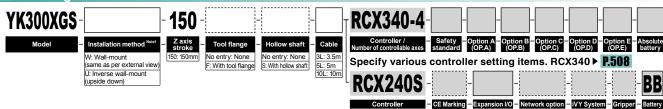
YK300XGS

Arm length 300mm Maximum payload 5kg

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

Wall-mount / inverse type

■ Ordering method



Specify various controller setting items. RCX240/RCX240S ▶ P.495

information.

Note 1. When installing the robot, always follow the specifications When installing the robot, arrays follow the specimeanus.

Do not install the ceiling-mount robot upside down or do not install the inverse type robot to a ceiling Incorrect installation can cause trouble or malfunction.

■ Specifications						
			X-axis	Y-axis	Z-axis	R-axis
Axis	Arm length		150 mm	150 mm	150 mm	-
specifications	Rotation angle		+/-120 °	+/-130 °	-	+/-360 °
AC servo motor output			200 W	150 W	50 W	100 W
Deceleration	Speed reducer		Harmonic drive	Harmonic drive	Ball screw	Harmonic drive
mechanism	Transmission	Motor to speed reducer	Direct-coupled			
mechanism	method	Speed reducer to output	Direct-coupled			
Repeatability Note 1			+/-0.0	11 mm	+/-0.01 mm	+/-0.004 °
Maximum speed			4.4 n	n/sec	1.0 m/sec	1020 °/sec (wall-mount) 720 °/sec (inverse wall-mount
Maximum payload			5 kg (Standard specification), 4 kg (Option specifications Note 4)			
Standard cycle time: with 2kg payload Note 2			0.49 sec			
R-axis tolerable moment of inertia Note 3			0.05 kgm ²			
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			19.5 kg			

Note 1. This is the value at a constant ambient temperature.

Note 2. When reciprocating 25mm horizontally and 300mm horizontally (with a 2kg payload in rough-positioning arch motion).

Note 3. There are limits to acceleration coefficient settings. See P.537.

Note 4. Maximum payload of option specifications (with tool flange attached or with user wiring and tubing routed through spline shaft) is 4kg.

■ Controller							
Controller	Power capacity (VA)	Operation method					
RCX340 RCX240S	1000	Programming / I/O point trace / Remote command / Operation using RS-232C communication					

Note. "Harmonic" and "Harmonic drive" are the registered trademarks

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Note. The movement range can be limited by changing the position of Y axis mechanical stopper. (The movement range is set to the maximum at the time of shipment.)

See our robot manuals (installation manuals) for detailed

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

