**YK400XGP** 

■ Ordering method

Arm length 400mm Maximum payload 4kg

YK400XGP-150-

S

- RCX340-4 -

Mode	Z axis stroke 150: 150mm	Tool flange No entry: None F: With tool flange	- Hollow shaft S: With hollow shaft	- Cable - 3L: 3.5m 5L: 5m 10L: 10m	Controller Number of controll Specify vari	able axes standar	d (OP.A) (OP	on B Option C Option (OP.C) s. RCX340 P.56	
<b>■</b> Specif	ications						■ Contr	oller	
			X-axis	Y-axis	Z-axis	R-axis	Controller	Power capacity (VA	) Or
Axis specifications	Arm length		250 mm	150 mm	150 mm	-			Т
	Rotation angle		+/-129 °	+/-144 °	-	+/-360 °			Re
AC servo motor output		200 W	150 W	50 W	100 W	RCX340	1000	176	

			X-axis	Y-axis	Z-axis	R-axis	
Axis	Arm length		250 mm	150 mm	150 mm	_	
specifications	Rotation angle		+/-129 °	+/-144 °	-	+/-360 °	
AC servo motor output		200 W	150 W	50 W	100 W		
Deceleration	Transmission Motor to speed reducer		Direct-coupled				
mechanism	method	Speed reducer to output	Direct-coupled				
Repeatability Note 1			+/-0.01 mm		+/-0.01 mm	+/-0.004 °	
Maximum speed			6.1 m/sec		1.1 m/sec	1020 °/sec	
Maximum payload			4 kg				
Standard cycle time: with 2kg payload Note 2			0.50 sec				
R-axis tolerable moment of inertia Note 3			0.05 kgm²				
Protection class Note 4			Equivalent to IP65 (IEC 60529)				
User wiring			0.2 sq × 10 wires				
User tubing (Outer diameter)			ф 4 × 4				
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			22.5 kg				

Note 1. This is the value at a constant ambient temperature. (X,7 axes)
Note 2. When reciprocating 25mm in vertical direction and 300mm in horizontal direction (rough-positioning arch motion).
Note 3. The acceleration coefficient is set automatically in accordance with the tip weight and R-axis moment of inertia settings.
Note 4. Do not use robots where the bellows section is directly exposed to water jet. Contact our distributor for information on drip-proof structure preventing liquid other than water.

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

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

See our robot manuals (installation manuals) for detailed information.

To set the standard coordinates with high accuracy, use a 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/



