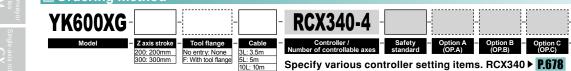




Option E (OP.E)

Ordering method



Specify various controller setting items. RCX340 ▶ P.678

## Specifications

			X-axis	Y-axis	Z-axis	R-axis
Axis specifications	Arm length		300 mm	300 mm	200 mm 300 mm	-
	Rotation angle		+/-130 °	+/-145 °	-	+/-360 °
AC servo motor output		400 W	200 W	200 W	200 W	
Deceleration mechanism	Transmission Motor to speed reducer		Direct-coupled			
	method	Speed reducer to output	Direct-coupled			
Repeatability Note 1			+/-0.0	1 mm	+/-0.01 mm	+/-0.004 °
Maximum speed			8.4 n	n/sec	2.3 m/sec 1.7 m/sec	1700 °/sec
Maximum payload			10 kg (Standard type), 9 kg (Tool flange mount type)			
Standard cycle time: with 2kg payload Note 2			0.43 sec			
R-axis tolerable moment of inertia Note 3			0.30 kgm <sup>2</sup>			
User wiring			0.2 sq × 20 wires			
User tubing (Outer diameter)			φ 6 × 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			31 kg			

Controller						
Controller	Power capacity (VA)	Operation method				
RCX340	1700	Programming / I/O point trace / Remote command / Operation using RS-232C communication				

Option D (OP.D)

Note.	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.
Note.	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/

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

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

