W: Wall mount (same as per external view U: Inverse wall mount (upside down)

YK600XGS

200: 200mm No entry: None 300: 300mm F: With tool flange

Specify various controller setting items. RCX340 ▶ P.678

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

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.

			Vavla	Vavia	7 avia	Davis
			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	+/-0.01 mm		+/-0.004 °
Maximum speed			8.4 m/sec 2.3 1.7 1700 °/sec (w m/sec m/sec 800 °/sec (inverse		1700 °/sec (wall mount) 800 °/sec (inverse wall mount)	
Maximum payload			10 kg (Standard type), 9 kg (Tool flange mount type)			
Standard cycle time: with 2kg payload Note 2			0.46 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)			ф 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 Programming / I/O point trace / Remote command / RCX340 1700 Operation using RS-232C communication

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

> 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
Note. Please consult YAMAHA when connecting other tubes and cables to the self-supporting machine harness.

