YK300XGS

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U: Inverse wall mount pside down)

Wall mount / inverse type

Arm length 300mm
Maximum payload 5kg
Note. Built-to-order product. Contact us for the delivery period.

■ Ordering method

YK300XGS RCX340-4 150 Z axis stroke No entry: None Specify various controller setting items. RCX340 ▶ P.678 150. 150mm

5L: 5m 10L: 10m

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.

F: With tool flange S: With hollow shaft

■ 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
mechanism	Transmission	Motor to speed reducer	Direct-coupled			
	method	Speed reducer to output	Direct-coupled			
Repeatability Note 1			+/-0.01 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 constar	at ambient temperature				

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

Controller Power capacity (VA) Operation method

1000

Programming / I/O point trace Remote command /

Operation using RS-232C communication

Controller

RCX340

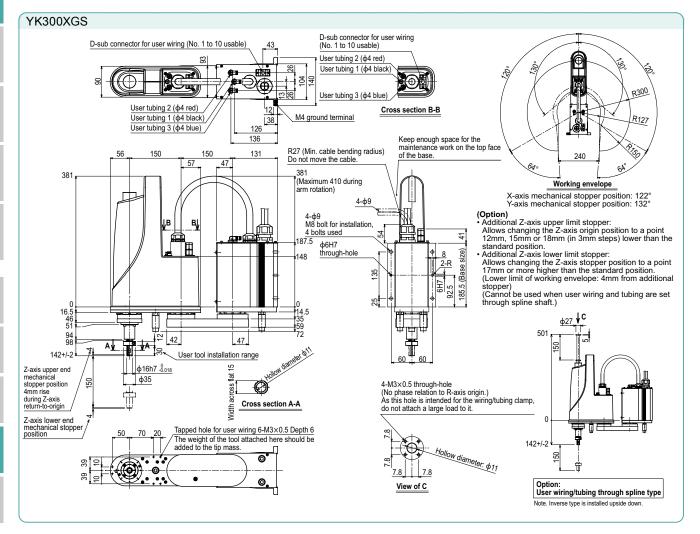
Our robot manuals (installation manuals) can be downloaded from our website at the address below: https://global.yamaha-motor.com/business/robot/

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

Note 2. When reciprocating 25mm horizontally and 300mm horizontally (with a 2kg payload in 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. Maximum payload of option specifications (with tool flange attached or with user wiring and tubing routed through spline shaft) is 4kg.



& drip-proof

