## YK600XGLP

Dust-proof & drip-proof type

Arm length 600mm
Maximum payload 4kg

■ Ordering method

YK600XGLP-150

No entry: None F: With tool flange

RCX340-4

26 kg

Specify various controller setting items. RCX340 ▶ P.508

RCX240S BB CE Marking Expansion I/O Network option iVY System Gripper Battery

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

■ Specifications						
			X-axis	Y-axis	Z-axis	R-axis
Axis	Arm length		350 mm	250 mm	150 mm	-
specifications	Rotation angle		+/-129 °	+/-144 °	-	+/-360 °
AC servo motor output			200 W	150 W	50 W	100 W
Deceleration mechanism	Speed reducer		Harmonic drive	Harmonic drive	Ball screw	Harmonic drive
	Transmission method	Motor to speed reducer	Direct-coupled			
		Speed reducer to output	Direct-coupled			
Repeatability Note 1			+/-0.01 mm		+/-0.01 mm	+/-0.004 °
Maximum speed			4.9 n	n/sec	1.1 m/sec	1020 °/sec
Maximum payload			4 kg			
Standard cycle time: with 2kg payload Note 2			0.74 sec			
R-axis tolerable moment of inertia Note 3			0.05 kgm <sup>2</sup>			
Protection class Note 4			Equivalent to IP65 (IEC 60529)			
User wiring (sq × wires)			0.2 × 10			
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			

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

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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.)

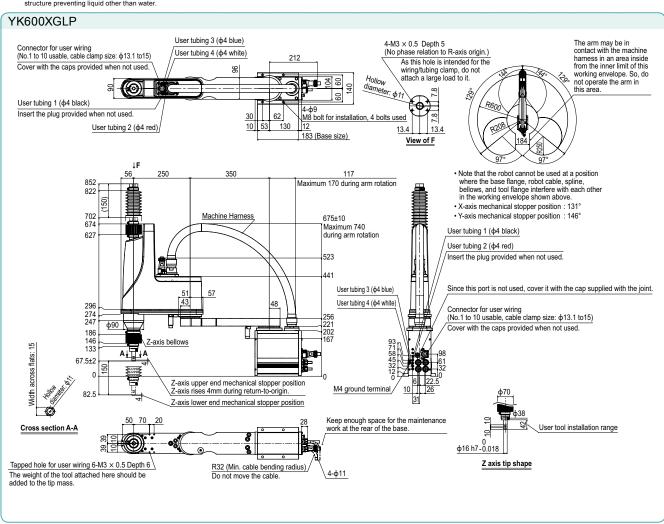
See our robot manuals (installation manuals) for detailed information.

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: http://global.yamaha-motor.com/business/robot/

Weight

Note 1. This is the value at a constant ambient temperature. (X,Y axes)
Note 2. When reciprocating 25mm in vertical direction and 300mm in horizontal direction (rough-positioning arch motion).
Note 3. There are limits to acceleration coefficient settings. See P.538.
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.



Dust-proof

& drip-proof

