

YK600XGH

Arm length 600mm / Maximum payload 20kg

Ordering method

Model	Z axis stroke	Cable length	Controller	Usable for CE	Regenerative unit	Expansion I/O	Network	Battery
YK600XGH - 200 - 3L - RCX142 - E - R3 - N1 - - S	200 : 200mm 400 : 400mm	3L : 3.5m(Standard) 5L : 5m 10L : 10m		No entry : Standard E : CE specification	R3 : RGU3			

Note : For the details of the controller, please refer to the catalog of Controllers.

Basic specifications

Model		YK600XGH	
		Z : 200mm	Z : 400mm
Axis specifications	X axis Arm length / Rotation range	200mm / +/-130°	
	Y axis Arm length / Rotation range	400mm / +/-150°	
	Z axis Stroke	200mm	400mm
	R axis Rotation range	+/-360°	
Motor	X axis	750W	
	Y axis / Z axis	400W	
	R axis	200W	
Maximum speed	X, Y combined	7.7m/s	
	Z axis	2.3m/s	1.7m/s
	R axis	1020°/s	
Repeatability	X, Y axes	+/-0.02mm	
	Z axis	+/-0.01mm	
	R axis	+/-0.005°	
Maximum payload		20kg	
Standard cycle time (with 2kg payload) Note 2		0.47 sec.	
R axis allowable moment inertia Note 3		3.2kgfcm ²	
User wiring / User tubing		0.2sq x 20wires / φ6 x 3	
Movement limit setting		1.Soft limit, 2.Mechanical limit	
Robot cable		Standard 3.5m, Option : 5m, 10m	
Controller / Power consumption		RCX142-R3 Note 4 / 2500VA	
Weight		48kg	50kg



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 : There are limits to the setting of the acceleration coefficient.
 Note 4 : The regeneration unit RGU3 is required.
 Note Please consult YAMAHA when connecting other tubes and cables to the self-supporting machine harness.

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