YK500-600XP

Arm length 500•600mm/Maximum payload 10kg

Robot ordering method

YK500XP-200-

3L -

300.300mm

3L:3.5m - 5L:5m L 10L:10m

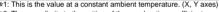
RCX142 - E

* Built-to-order product. Contact us for the delivery period.

Blank:Standard
E:CE specification Controller type: Refer to the Controller Catalog for further details.

Basic specifications

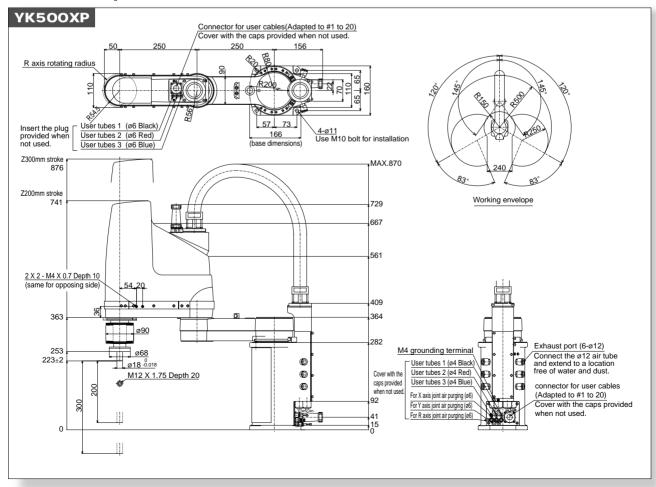
Model			YK500XP	YK600XP
	X axis	Arm length	250mm	350mm
Axis specifications		Rotation range	± 120°	
	Y axis	Arm length	250mm	
		Rotation range	± 145°	
	Z axis	Stroke	200mm, 300mm	
	R axis	Rotation range	± 180°	
Motor		X axis	400W	
		Y axis	200W	
		Z axis	200W	
		R axis	100W	
Maximum speed		X, Y combined	4.9m / s	5.6m / s
		Z axis	1.7m/s	
		R axis	876° / s	
Repeatability*1		X,Y axis	± 0.02mm	
		Z axis	± 0.01mm	
		R axis	± 0.005°	
Max. payload		10kg		
Standard cycle time (with 2kg payload)		0.53 sec.	0.56 sec.	
R axis allowable moment inertia*2			0.118kgm² (1.2kgfcms²)	
User wiring			0.2sq × 20 wires	
User tubing			ø6 × 3	
Movement limit setting			1. Soft limit, 2. Mechanical limit (X, Y, Z axes)	
Robot cable			Standard 3.5m Option: 5m, 10m	
Controller, Power supply capacity			RCX142-R, 1500VA	
Weight			30kg	32kg



^{*2:} There are limits to the setting of the acceleration coefficient.



YK500XP



YK600XP Connector for user cables(Adapted to #1 to 20) Cover with the caps provided when not used. R axis rotating radius 57 73 User tubes 1 (ø6 Black) 4-ø11 Use M10 bolt for installation Insert the plug provided when not used. 166 User tubes 2 (ø6 Red) (base dimensions) User tubes 3 (ø6 Blue) Z300mm stroke MAX.870 Working envelope 876 Z200mm stroke 741 729 367 2 X 2 - M4 X 0.7 Depth 10 (same for opposing side) 409 363 364 M4 grounding terminal Exhaust port (6-ø12) 253 223±2 ø68 Connect the ø12 air tube User tubes 1 (ø6 Black) **©** ø18 &₀₁₈ and extend to a location free of water and dust. User tubes 2 (ø6 Red) Insert the plug provided when not used. **(** M12 X 1.75 Depth 20 User tubes 3 (ø6 Blue) **©** D-sub connector for user cables (Adapted to #1 to 20) 200 For X axis joint air purging (ø6) 300 For Y axis joint air purging (ø6) Cover with the caps provided For R axis joint air purging (ø6) when not used. Щ