

Model	STG030	
Payload	Rated	3Kg
	Max	5Kg
Arm Reach	1st + 2nd Robotic Arm	500mm
	1st Robotic Arm	250mm
	2nd Robotic Arm	250mm
Position Repeatability	J1/J2	$\pm 0.01\text{mm}$
	J3	$\pm 0.01\text{mm}$
	J4	$\pm 0.01^\circ$
Protection Level	IP40	
Max Speed	J1/J2	9420mm/s
	J3	1000mm/s
	J4	3500°/s
Max Operation Area	J1	$\pm 225^\circ$
	J2	$\pm 225^\circ$
	J3	150mm
	J4	$\pm 360^\circ$
Allowable Moment of Inertia of R Axis	Rated	0.01Kg·m <sup>2</sup>
	Max	0.05Kg·m <sup>2</sup>
Pressing Force of J3	150N	
Noise Level	L <sub>aeq</sub> ≤85dB(A)	
Takt Time	0.32s	
Rated Power	1.15Kw	
User Wiring	RVV10*0.2	
User Piping	3*Φ6mm	
User Distribution	single-phase AC220V -10%~+10%	
Applicable Environment	Temperature	0~45℃
	Humidity	10%~80%RH
Body Weight	27kg	
Control Cabinet	TRC4-A03	
Mounting Holes	216*160mm (4-Φ11mm)	
Installation Method	Hoisting	