

The SF LOTIC is a series of low payload industrial robots tailored to handle small objects with excellent performance and flexibility at

SF LOTIC is your indispensable helper in making cost-effective choices with a wide range of products.

With a finely segmented maximum movement radius of 2030 mm, you can precisely define the robot you need with excellent performance and stability while paying less for investment and energy costs.

All SF LOTIC series are equipped with LIKEPRECISION technology, the ultra-precise RV Precision Gearbox, which allows the robot to take full advantage even at high operating speeds.

Applications

PC
Handling





















Glazing Gluing Picking/Packing Stamping Spraying

IJ6 (mm) 100 200 300 400

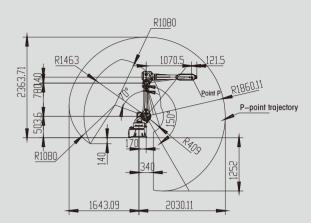
SF10-K2032 Wrist load torque chart

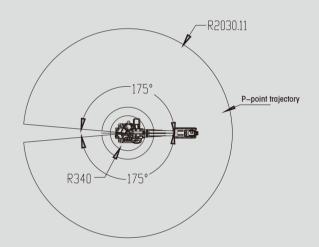
Note: The centre of gravity point of the load should be within the wrist torque diagram when in use

SF10-K2032 Data Overview

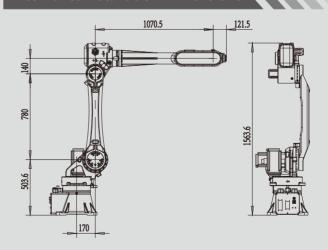
Number of Axis 6	Model		SF10-K2032
Radius	Structure		Vertically Articulated
Payload 10kg Repeatability ±0.05mm Drive Mode AC Servo Motor	Number of Axis		6
Repeatability	Radius		2030mm
Drive Mode	Payload		10kg
Maximum	Repeatability		±0.05mm
Maximum J2 135° /s Speed J4 300° /s J5 300° /s 300° /s J6 500° /s Range of J3 ±175° Height ±178° ±178° J5 ±135/-125° ±135/-125° J6 ±720° ±135/-125° J6 ±720° ±135/-125° J6 ±2N.M Moment J6 10N.M 10N.M Allowable J5 1kg.m2 Inertia J6 0.2kg.m2 Protection Rating IP 65 Temp. 0-45°C Operating Humidity Below 95%RH Conditions Vibration Below 4.9m/s2 Eliminate Signal Noise Base Size 370*370mm Height 1563mm Weight 208KG Mounting Positions Any angle	Drive Mode		AC Servo Motor
Second		J2 J3 J4 J5	135° /s 141.6°/s 300° /s 300° /s
Allowable J5 22N.M Moment J6 10N.M Allowable J4 1kg.m2 Inertia J6 0.2kg.m2 Protection Rating IP 65 Temp. 0-45°C Operating Humidity Below 95%RH Conditions Vibration Below 4.9m/s2 Other Eliminate Signal Noise Base Size 370*370mm Height 1563mm Weight 208KG Mounting Positions Any angle		J2 J3 J4 J5	+68° /-150° +150° /-75° ±178° ±135/-125°
Allowable J5 1kg.m2 Inertia J6 0.2kg.m2 Protection Rating IP 65 Temp. 0-45°C Operating Humidity Below 95%RH Conditions Vibration Below 4.9m/s2 Other Eliminate Signal Noise Base Size 370*370mm Height 1563mm Weight 208KG Mounting Positions Any angle		J5	22N.M
Temp. 0-45°C Operating Humidity Below 95%RH Conditions Vibration Below 4.9m/s2 Eliminate Signal Noise Base Size 370*370mm Height 1563mm Weight 208KG Mounting Positions Any angle	2	J5	1kg.m2
Operating Humidity Below 95%RH Conditions Vibration Below 4.9m/s2 Other Eliminate Signal Noise Base Size 370*370mm Height 1563mm Weight 208KG Mounting Positions Any angle	Protection Rating		IP 65
Conditions Vibration Below 4.9m/s2 Other Eliminate Signal Noise Base Size 370*370mm Height 1563mm Weight 208KG Mounting Positions Any angle		Temp.	0-45°C
Other Eliminate Signal Noise Base Size 370*370mm Height 1563mm Weight 208KG Mounting Positions Any angle			
Base Size 370*370mm Height 1563mm Weight 208KG Mounting Positions Any angle	Conditions		
Height 1563mm Weight 208KG Mounting Positions Any angle		Other	Eliminate Signal Noise
Weight 208KG Mounting Positions Any angle			
Mounting Positions Any angle	Height		
in currency i continue	Weight		200110
Power Consumption 3.25kVA			
	3.25kVA		

SF10-K2032 Range of Motion



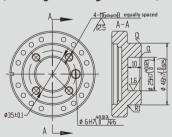


External & Installation Dimensions





A-Way Diagram (End Flange Mounting Dimensions)



B-Way Fiagram (Base Mounting Dimensions)

