



Load 10Kg

SF LOTIC Series | Low-Payload Robot Model: SF10 - K2032

LOTIC is a series of low-load industrial robots, specially designed for handling small objects. It features excellent performance and flexibility, remaining calm and composed at all times.

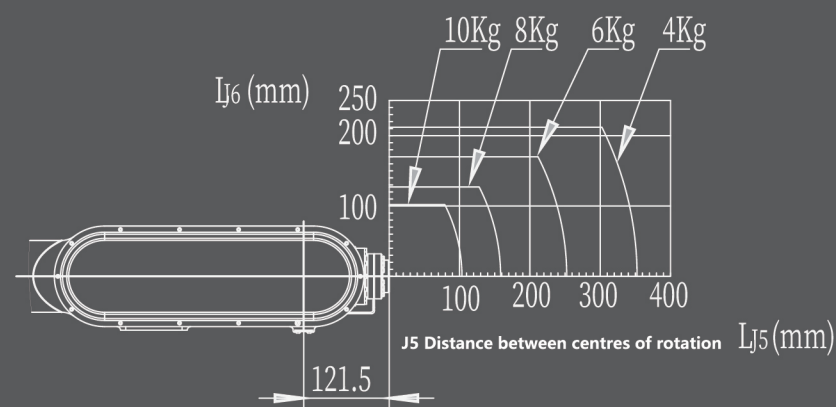
Make cost-effective choices through a wide range of products. LOTIC is your indispensable helper. With a finely segmented maximum activity radius of 2032mm, you can precisely determine the robot you actually need, which offers excellent performance and stability while requiring less investment and energy costs.

All series of LOTIC adopt LIKEPRECISION technology and RV reducers (Rotate Vector Reducer) for higher-precision joint parts. Even in high-speed operation conditions, the robot can give full play to its advantages.

Applications



SF10-K2032 Wrist load torque chart

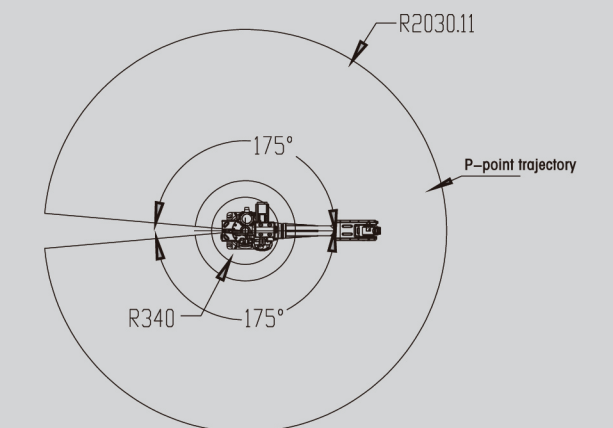
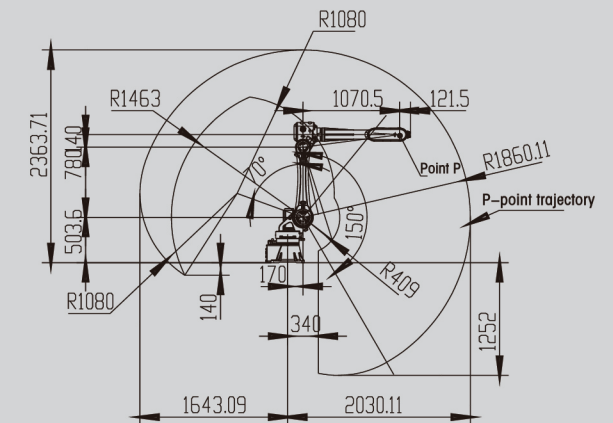


Note: The centre of gravity point of the load should be within the wrist torque diagram when in use

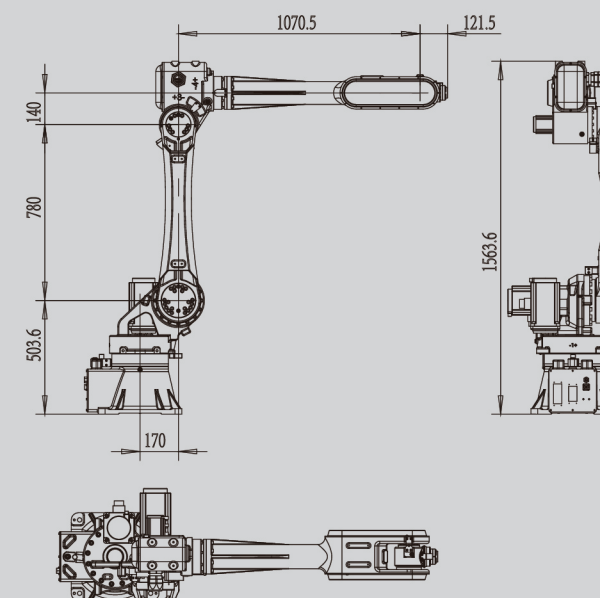
SF10-K2032 Data Overview

Model		SF10-K2032
Structure		Vertically Articulated
Number of Axis		6
Radius		2032mm
Payload		10kg
Repeatability		±0.05mm
Drive Mode		AC Servo Motor
Maximum Speed	J1	135 °/s
	J2	135 ° /s
	J3	135°/s
	J4	300° /s
	J5	300° /s
	J6	500° /s
Range of Motion	J1	±175°
	J2	+68° /-150°
	J3	+150° /-75°
	J4	±178°
	J5	±135°/-125°
	J6	±720°
Allowable Moment	J4	22N.M
	J5	22N.M
	J6	10N.M
Allowable Inertia	J4	1kg.m2
	J5	1kg.m2
	J6	0.2kg.m2
Protection Rating		IP 65
Operating Conditions	Temp.	0-45°C
	Humidity	Below 95%RH
	Vibration	Below 4.9m/s2
	Other	Eliminate Signal Noise
Base Size		370*370mm
Height		1560mm
Weight		208KG
Mounting Positions		Floor、Wall、Ceiling
Power Consumption		3.25kVA

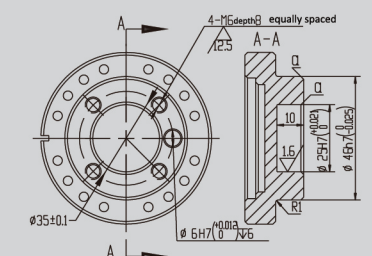
SF10-K2032 Range of Motion



External & Installation Dimensions



A-Way Diagram (End Flange Mounting Dimensions)



B-Way Diagram (Base Mounting Dimensions)

