



Load 10Kg

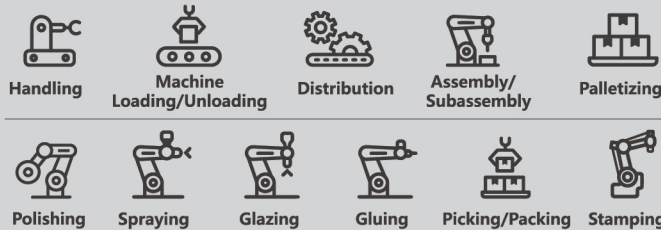
SF LOTIC Series | Low-Payload Robot
Model: SF10 - C1650

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.

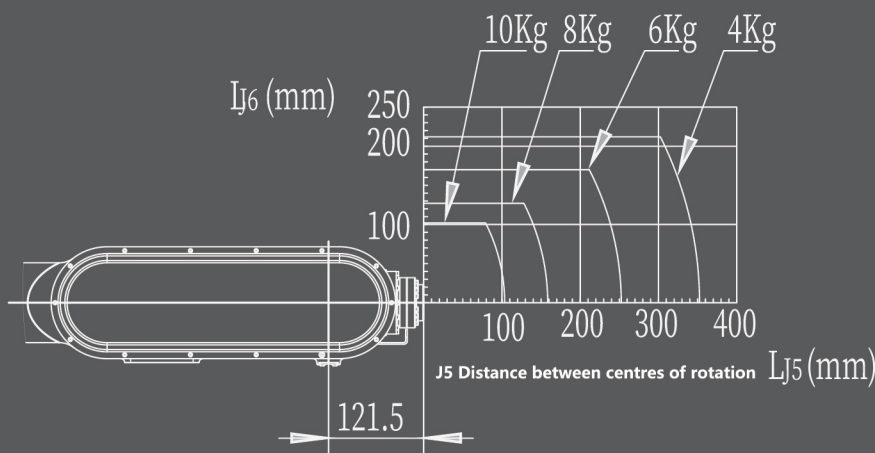
Make cost-effective choices through a wide range of products. LOTIC is your indispensable helper. With a finely segmtured maximum activity radius of 1651mm, you can precisely determine the robot you actually need, which offers excellent performance and stability while requiring less investment and energy 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-C1650 Wrist load torque chart

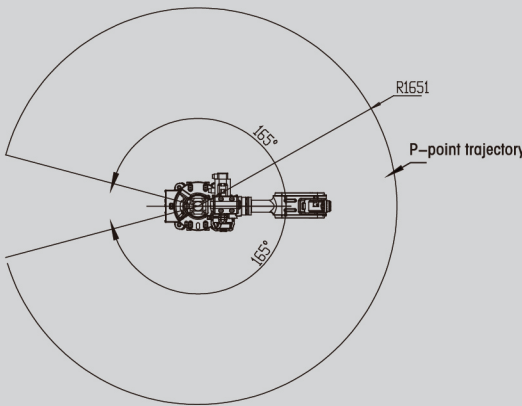
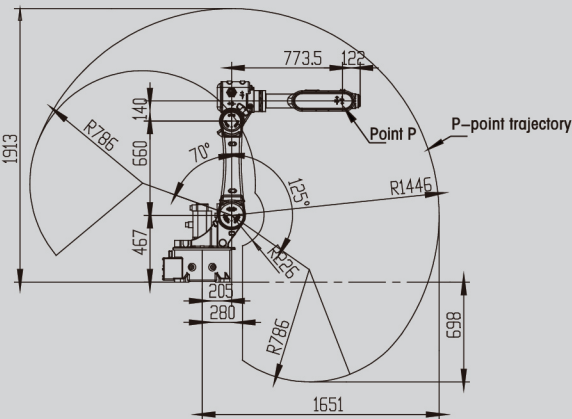


Note: The centre of gravity point of the load should be within the wrist torque diagram when in use

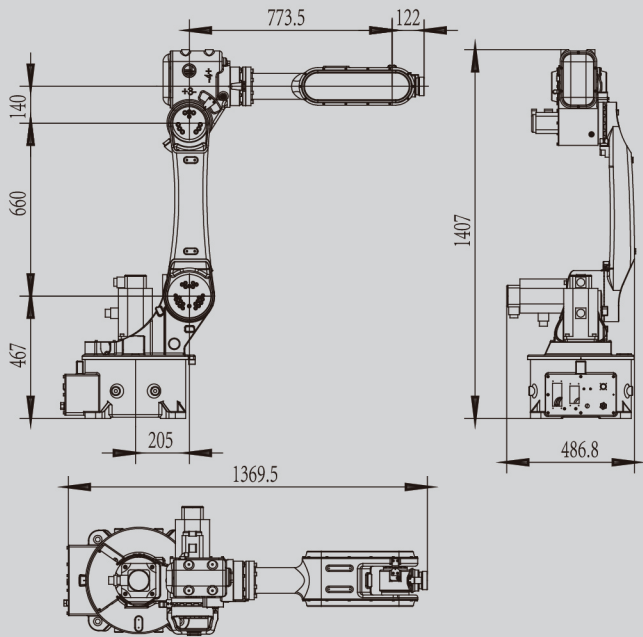
SF10-C1650 Data Overview

Model	SF10-C1650	
Structure	Vertically Articulated	
Number of Axis	6	
Radius	1651mm	
Payload	10kg	
Repeatability	±0.05mm	
Drive Mode	AC Servo Motor	
Maximum Speed	J1	150° /s
	J2	160° /s
	J3	148° /s
	J4	300° /s
	J5	300° /s
	J6	500° /s
Range of Motion	J1	±165°
	J2	+75° /-125°
	J3	+145° /-75°
	J4	±178°
	J5	±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	384*384mm	
Height	1407mm	
Weight	196KG	
Mounting Positions	Floor、Wall、Ceiling	
Power Consumption	2.5kVA	

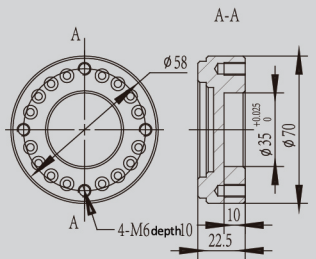
SF10-C1650 Range of Motion



External & Installation Dimensions



A-Way Diagram
(End Flange Mounting Dimensions)



B-Way Diagram (Base Mounting Dimensions)

