



MIMETIC Series | Medium duty robot
Model: SF80 - C2600

The MIMETIC is a medium payload industrial robot with a superior working range, advanced servo control technology, and an extremely rigid arm, significantly reducing cycle times and ensuring high productivity.

MIMETIC is a complete solution for medium payload class industrial robots to secure your future planning and production investment. From 20 kg up to 120 kg of fine load breakdown.

It is the perfect solution to ensure accuracy and production quality. Whether handling, machine loading/unloading, painting, stamping, palletizing, grinding, picking/packing, or assembly/distribution. In addition, you will have the freedom to choose the robot corresponding to your actual needs for greater efficiency and economic benefits.

All MIMETIC series are equipped with LIKEPRECISION technology, the ultra-precise RV Precision Gearbox, which enables the robot to take full advantage of its advantages even at high operating speeds.

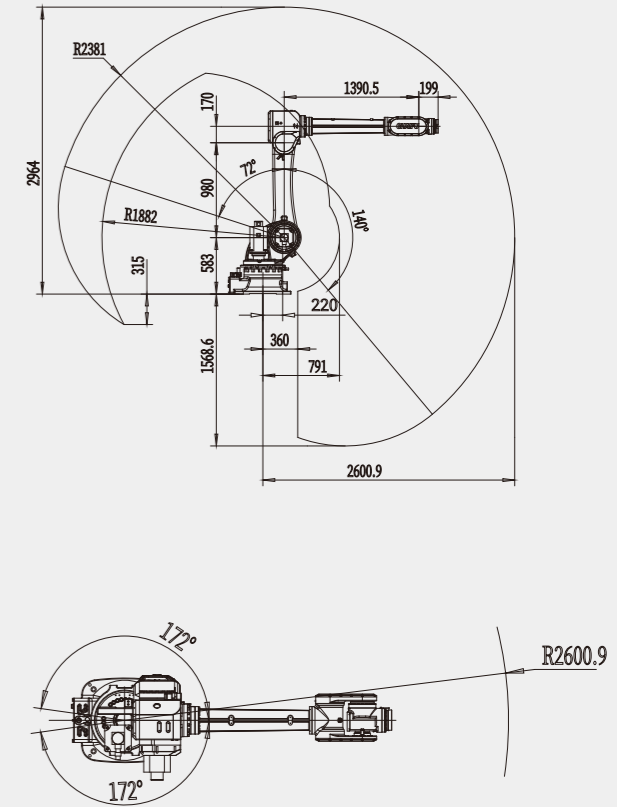
Applications



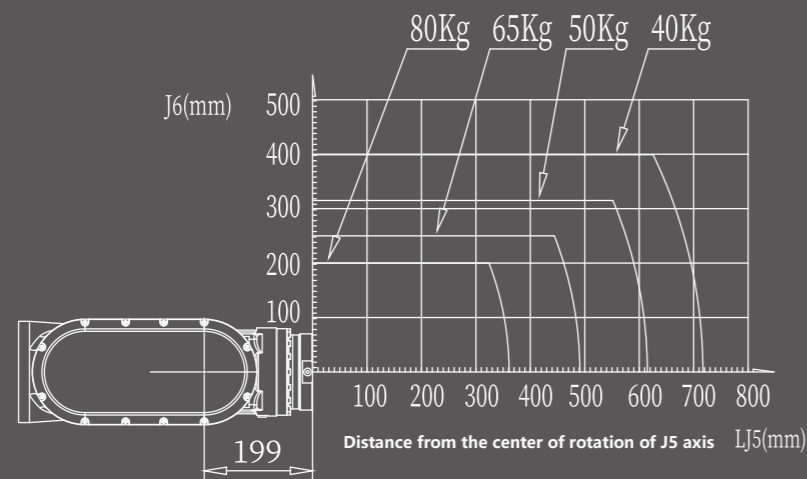
SF80 - C2600 Data Overview

Model	SF80 - C2600	
Structure	Vertically Articulated	
Number of Axis	6	
Radius	2600mm	
Payload	80kg	
Repeatability	±0.08mm	
Drive Mode	AC Servo Motor	
Maximum Speed	J1	160°/s
	J2	110°/s
	J3	120°/s
	J4	162°/s
	J5	180°/s
	J6	300°/s
Range of Motion	J1	±172°
	J2	+72°/-140°
	J3	+160°/-78°
	J4	±360°
	J5	+120°/-120°
	J6	±360°
Allowable Moment	J4	360N·m
	J5	360N·m
	J6	186N·m
Allowable Inertia	J4	52kg·m ²
	J5	52kg·m ²
	J6	26kg·m ²
Protection Rating	IP 65	
Operating Conditions	Temp.	0-45°C
	Humidity	Below 95%RH
	Vibration	Below 4.9m/s ²
Other	Eliminate Signal Noise	
Base Size	573x629mm	
Height	1898mm	
Weight	726KG	
Mounting Positions	Floor, Wall, Ceiling	
Power Consumption	5.5kVA	

SF80 - C2600 Range of Motion

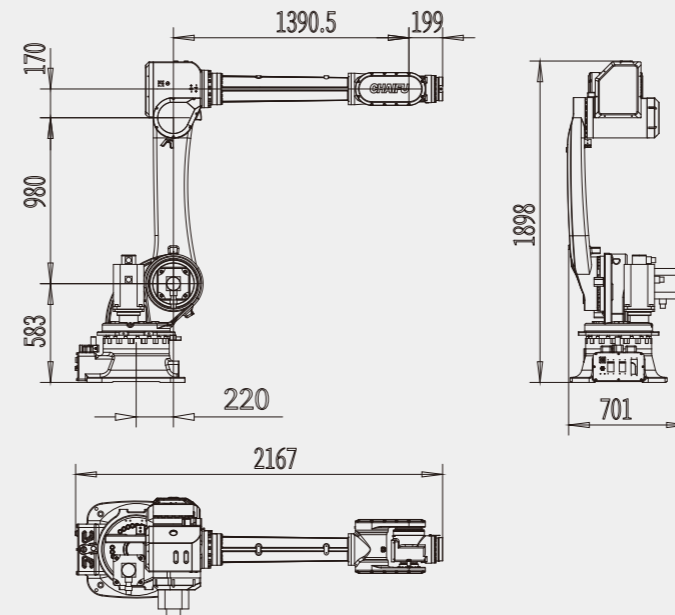


SF80 - C2600 Wrist Load Curve Chart

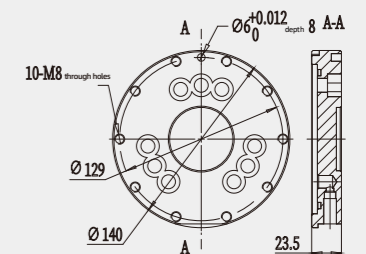


SF80 - C2600 Load Range Curve Chart

SF80 - C2600 External & Installation Dimensions



A-Way Diagram (End Flange Mounting Dimensions)



B-Way Diagram (Base Mounting Dimensions)

