

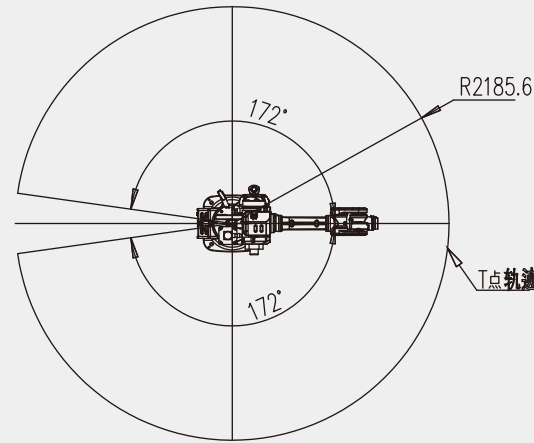
型号: SF50 - C2185

MIMETIC 所有系列采用了LIKEPRECISION 技术，更高精度的关节部位减速器RV减速器(Rotate Vector Reducer)，即使在高速作业状态下，机器人也能够充分发挥其优势。

搬运



型号	SF50 - C2185	
结构类型	垂直多关节型	
关节轴数	6	
最大活动半径	2185mm	
手部最大负载	50kg	
重复定位精度	±0.06mm	
驱动方式	使用AC伺服电机驱动	
最大动作速度	J1 轴	109°/s
	J2 轴	125°/s
	J3 轴	140°/s
	J4 轴	200°/s
	J5 轴	210°/s
	J6 轴	190°/s
最大动作范围	J1 轴	±172°
	J2 轴	+72°/-140°
	J3 轴	+172°/-78°
	J4 轴	±360°
	J5 轴	+124°/-121°
	J6 轴	±360°
最大容许扭矩	J4 轴	185N·m
	J5 轴	185N·m
	J6 轴	126N·m
容许惯性力矩	J4 轴	12kg·m ²
	J5 轴	12kg·m ²
	J6 轴	9.6kg·m ²
防护等级	IP 65	
安装环境	温度	0°C-45°C
	湿度	95%RH以下(无结露)
	振动	4.9m/s ² 以下
	其他	切勿有腐蚀性及引火性气体。液体，远离电气噪音源
底座尺寸	630*570mm	
本体高度	1820mm	
本体重量	550KG	
放置方式	任意角度	
电源容量	5kVA	



The technical drawing shows the J5 axis, which is a horizontal shaft with a central bearing support. The distance from the center of rotation to the end of the shaft is 194 mm. The graph plots the maximum load capacity (LJ6 in mm) on the y-axis (0 to 500 mm) against the distance from the center of rotation (LJ5 in mm) on the x-axis (0 to 500 mm). Four curves represent different load capacities: 50KG, 40KG, 32KG, and 25KG. The 50KG curve starts at approximately 250 mm on the y-axis and ends at 100 mm on the x-axis. The 40KG curve starts at approximately 380 mm on the y-axis and ends at 200 mm on the x-axis. The 32KG curve starts at approximately 420 mm on the y-axis and ends at 300 mm on the x-axis. The 25KG curve starts at approximately 450 mm on the y-axis and ends at 400 mm on the x-axis.

Technical drawings of the KUKA KR 1000 R1100 robot arm showing three views: front, side, and top. Dimensions are provided in millimeters.

- Front View (Top Left):** Shows the robot arm from the front. Key dimensions include:
 - Horizontal distance from base to end effector: 1053.5
 - Horizontal distance from end effector to center of gravity: 194
 - Vertical distance from base to end effector: 160
 - Vertical distance from base to center of gravity: 900
 - Vertical distance from base to lower joint: 619
 - Base width: 220
- Side View (Top Right):** Shows the robot arm from the side. Key dimensions include:
 - Overall height: 1820
 - Base width: 700
- Top View (Bottom):** Shows the robot arm from above. Key dimensions include:
 - Overall width: 1825