

型号: SF1500 - C3870

ALPHATIC 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。

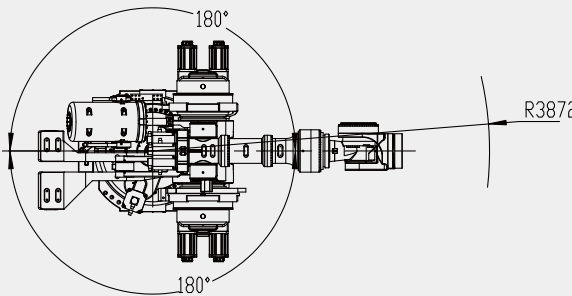
市场应用



型号	SF1500-C3870	
结构类型	垂直多关节型	
关节轴数	6	
最大活动半径	3872mm	
手部最大负载	1500kg	
重复定位精度	±0.23mm	
驱动方式	使用AC伺服电机驱动	
最大动作速度	J1 轴	43°/s
	J2 轴	25°/s
	J3 轴	25°/s
	J4 轴	43°/s
	J5 轴	40°/s
	J6 轴	56°/s
最大动作范围	J1 轴	±180°
	J2 轴	+50°/-85°
	J3 轴	-20°/-120°
	J4 轴	±360°
	J5 轴	±115°
	J6 轴	±360°
最大容许扭矩	J4 轴	14380N·m
	J5 轴	14380N·m
	J6 轴	4980N·m
容许惯性力矩	J4 轴	2916kg·m ²
	J5 轴	2916kg·m ²
	J6 轴	2089kg·m ²
防护等级	基轴IP65，手腕轴IP67	
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	1280*1380mm	
本体高度	3483mm	
本体重量	11200KG	
放置方式	地面安装	
电源容量	17kVA	

Technical drawing of the RSC 1000 robot arm showing dimensions and angles. The drawing includes the following specifications:

- Overall height: 3822
- Height from base to wrist: 1500
- Height from base to gripper: 1430
- Height from base to end effector: 172
- Base width: 578
- Distance from base to gripper: 1158
- Distance from gripper to end effector: 1786
- End effector width: 504
- Joint angles: 50°, 82°, 120°



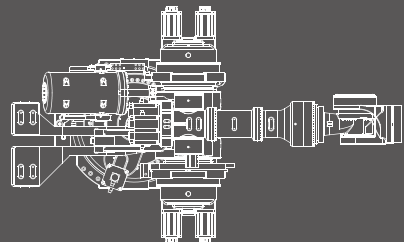
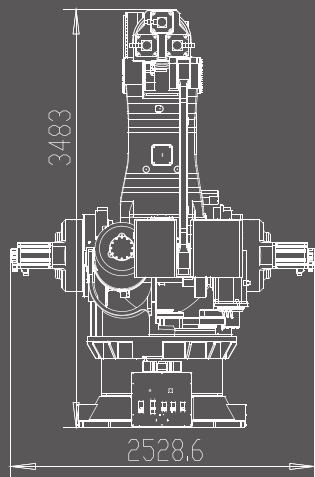
Technical drawing of the KUKA KR 1000 R1100 robot arm, showing side and front views with dimensions.

Side View Dimensions:

- Overall height: 1430
- Height to center of rotation: 1500
- Height to top of upper arm: 300
- Horizontal distance from base to end effector: 1786
- Horizontal distance from end effector to center of rotation: 504
- Base width: 578

Front View Dimensions:

- Overall width: 1430
- Width to center of rotation: 1500
- Width to top of upper arm: 300
- Horizontal distance from base to end effector: 1786
- Horizontal distance from end effector to center of rotation: 504
- Base width: 578



Technical drawing of a circular plate with a central hole and a flange. The drawing includes a top view and a side view.

Top View Dimensions:

- Outer diameter: $\varnothing 360$
- Inner hole diameter: $\varnothing 285$
- Central hole diameter: $\varnothing 12^{+0.018}_0$
- 30 holes arranged in a circle with a diameter of 32: $30 \times M16 \nabla 32$

Side View Dimensions:

- Flange thickness: 18
- Total height: 180
- Flange diameter: $\varnothing 180_0^{+0.040}$
- Central hole diameter: $\varnothing 12^{+0.018}_0$

Technical drawing of the front view of a 16-inch gun turret. The drawing shows a circular turret with a central gun barrel. Dimensions include a total diameter of 1088mm, a mounting base diameter of 800mm, and a central gun barrel diameter of 16-φ24. The drawing also shows a side view of the turret base with dimensions 960mm, 1060mm, 1176mm, and 1272mm. A note indicates a 2-φ20 hole with a tolerance of +0.033mm.