

最大运动范围	3195 mm
额定负荷	120 kg
旋转机构/大臂/小臂的额定附加负载	0 kg / 0 kg / 50 kg
额定总负载	-
位姿重复精度 (ISO 9283)	± 0.06 mm
轴数	5
安装位置	地面
占地面积	830 mm x 830 mm
重量	约 1075 kg

运动范围	
A1	±185 °
A2	-140 ° / -5 °
A3	0 ° / 155 °
A4	-
A5	-
A6	±350 °
额定负载时的速度	
A1	124 °/s
A2	115 °/s
A3	112 °/s
A4	-
A5	217 °/s
A6	242 °/s

运行时的环境温度	-30 °C 至 10 °C (243 K 至 283 K)
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防护等级 (IEC 60529)	IP65
机器人腕部防护等级 (IEC 60529)	IP65

控制系统 KR C4

KUKA smartPAD

Technical drawing of the KUKA KR 1000 robot arm, showing dimensions and reach. The drawing includes a side view and a top-down view of the robot's reach area.

Dimensions (mm):

- Base width: 2215
- Base height: 675
- Arm height at base: 1350
- Arm height at joint: 250
- Joint offset: 675
- Arm length: 1220
- End effector width: 280
- End effector height: 300
- End effector offset: 100
- End effector width: 2832
- End effector height: 677
- End effector offset: 135
- End effector width: 2845
- End effector height: 3195

Angles:

- Joint angle: -0°
- Joint angle: $+155^\circ$
- Joint angle: -140°
- Joint angle: 5°
- Joint angle: -185°
- Joint angle: $+185^\circ$

Technical drawing of a circular machine component. The top view shows a circular flange with a central hole of diameter $\varnothing 180$ and a concentric ring of 12 holes, each with a diameter of $\varnothing 25$. The outer edge has a radius of $R124.5$. A cross-section line A-A is indicated. The side view (A-A) shows a flange with a total thickness of 60 mm. It features a top flange with a height of 10 mm and a central hole of diameter $\varnothing 10$ that is 10 mm deep. Below this is a main body with a height of 25 mm and a central hole of diameter $\varnothing 25$. The bottom flange has a height of 7 mm. The total height of the component is 195 mm. The cross-section is labeled A-A. Dimensions are in mm.

