

**Max.load capacity at wrist 210kg, Max.reach 2658mm**

## Floor



Axes	Motion range	Maximum speed	Moment	Inertia	Payload	210kg
J1	±180°	100°/s	-	-	Repeatability	±0.06mm
J2	+60°, - 76°	90°/s	-	-	Max.reach	2658mm
J3	+165°, - 78°	85°/s	-	-	Body Weight	1400kg
J4	±355°(±180°) *	120°/s	1274N·m	120kg·m²	Protection (wrist)	IP67
J5	±125°	120°/s	1274N·m	120kg·m²	Input Power	8kW
J6	±360°(±180°) *	190°/s	686N·m	70kg·m²	Pre-installed Singal Cables	32cores, 0.2mm per conductor

[illegible]

Technical drawing of the KRC-M1000 robot arm base, showing top and side views with dimensions.

**Top View Dimensions:**

- Overall width: 790
- Overall height: 660
- Inner square frame width: 540
- Inner square frame height: 540
- Distance between mounting holes (center-to-center): 630 (width), 680 (height)
- Distance from center to mounting holes: 540 (width), 460 (height)
- Distance from center to side flange: 340 (width), 460 (height)

**Mounting Details:**

- 2- $\phi 20$  销孔 (2  $\phi 20$  Pin Holes) for 安装机器人 (Robot Mounting)
- 8- $\phi 22$  螺栓孔 (8  $\phi 22$  Bolt Holes) for 安装机器人 (Robot Mounting)

**Side View Dimensions:**

- Overall length: 350
- Base thickness: 10
- Mounting flange thickness: 30

Technical drawing of a circular mechanical part, showing a top view and a cross-section A-A.

**Top View Dimensions:**

- Central hole:  $\text{P } \varnothing 96$
- Mounting holes:  $12 \times \text{M}10 \varnothing 20$  (labeled "安装螺孔")
- Mounting holes:  $4 \times \varnothing 10 \text{ H}7 \left( \begin{smallmatrix} +0.015 \\ 0 \end{smallmatrix} \right) \varnothing 8$  (labeled "定位销孔")
- Angle:  $30^\circ$
- Section line: A-A

**Cross-section A-A Dimensions:**

- Total thickness:  $\varnothing 163$
- Central hole:  $96 \pm 0.05$
- Mounting hole:  $125 \pm 0.05$
- Dimension: 6
- Dimension:  $\text{H}7 \left( \begin{smallmatrix} +0.010 \\ 0 \end{smallmatrix} \right) \varnothing 63$