

Maximum reach	3100 mm
Rated payload	150 kg
Maximum payload	220 kg
Maximum supplementary load, rotating column / link arm / arm	300 kg / 130 kg / 150 kg
Pose repeatability (ISO 9283)	± 0.05 mm
Number of axes	6
Mounting position	Floor
Footprint	754 mm x 754 mm
Weight	approx. 1105 kg

Motion range	
A1	±185 °
A2	-140 ° / -5 °
A3	-120 ° / 168 °
A4	±350 °
A5	±125 °
A6	±350 °
Speed with rated payload	
A1	105 °/s
A2	107 °/s
A3	114 °/s
A4	190 °/s
A5	180 °/s
A6	260 °/s

Ambient temperature during operation 0 °C to 55 °C (273 K to 328 K)

Protection rating (IEC 60529)	IP65 / IP67
Protection rating, robot wrist (IEC 60529)	IP65 / IP67

Controller	KR C5; KR C4
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Technical drawing of the KUKA KR 1000 R1100 03 robot arm, showing dimensions and reach. The drawing includes the following dimensions and angles:

- Dimensions (mm):**
 - Horizontal reach: 1420
 - Horizontal offset: 215
 - Vertical offset: 115
 - Vertical offset: 1350
 - Vertical offset: 645
 - Vertical offset: 94
 - Horizontal offset: 330
 - Horizontal offset: 2129
 - Horizontal offset: 3100
 - Horizontal offset: 2362
 - Vertical offset: 4082
 - Vertical offset: 3420
- Angles:**
 - 140°
 - 120°
 - 5°
 - +168°

Mounting flange

