The KR 6 R700 WP is designed for a rated payload of 3 kg in order to optimize the dynamic performance of the robot. The maximum payload of 6 kg applies only if the position of the center of mass is 0 mm and a supplementary load optimized for the load case is mounted. The specific load case must be verified using KUKA.Load or KUKA Compose. For further consultation, please contact KUKA Support.

### Technical data
- **Maximum reach**: 706.7 mm
- **Maximum payload**: 6 kg
- **Pose repeatability (ISO 9283)**: ± 0.03 mm
- **Number of axes**: 6
- **Mounting position**: Floor; Ceiling; Wall; Desired angle
- **Footprint**: 320 mm x 320 mm
- **Weight**: approx. 51 kg

### Axis data
- **Motion range**
  - A1: ±170 °
  - A2: -190 ° / 45 °
  - A3: -120 ° / 156 °
  - A4: ±185 °
  - A5: ±120 °
  - A6: ±350 °

### Operating conditions
- **Ambient temperature during operation**: 5 °C to 45 °C (278 K to 318 K)

### Protection rating
- **Protection rating (IEC 60529)**: IP67
- **Protection rating, robot wrist (IEC 60529)**: IP67

### Controller
- **Controller**: KR C5 micro; KR C4 compact

### Cycle time
- **138 cycles per minute (25 mm / 305 mm / 25 mm, 1 kg)**

Details provided about the properties and usability of the products are purely for information purposes and do not constitute a guarantee of these characteristics. The extent of goods delivered and services performed is determined by the subject matter of the specific contract. No liability accepted for errors or omissions.

KUKA Deutschland GmbH Zugspitzstrasse 140, 86165 Augsburg, Germany. Tel.: +49 821 797-4000, www.kuka.com