KR 10 R900 HM-SC

Technical data

Maximum reach: 901.5 mm
Maximum payload: 10 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. 62 kg

Axis data

Motion range
A1: ±166 °
A2: -188 ° / 45 °
A3: -115 ° / 144 °
A4: ±185 °
A5: ±110 °
A6: ±350 °

Operating conditions

Ambient temperature during operation: 0 °C to 35 °C (273 K to 308 K)

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

Controller

Controller: KR C5 micro; KR C4 compact

Cycle time

132 cycles per minute (25 mm / 305 mm / 25 mm, 1 kg)

The KR 10 R900 HM-SC is designed for a rated payload of 5 kg in order to optimize the dynamic performance of the robot. The maximum payload of 10 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.

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.

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