Technical data

Maximum reach 2013 mm
Maximum payload 9.8 kg
Rated payload 8 kg
Rated supplementary load, rotating column / link arm / arm 0 kg / 0 kg / 10 kg
Pose repeatability (ISO 9283) ± 0.04 mm
Number of axes 6
Mounting position Floor; Ceiling; Wall; Desired angle
Footprint 430.5 mm x 370 mm
Weight approx. 260 kg

Axis data

Motion range
A1 ±185 °
A2 -185 ° / 65 °
A3 -138 ° / 175 °
A4 ±350 °
A5 ±130 °
A6 ±350 °

Speed with rated payload
A1 200 °/s
A2 175 °/s
A3 190 °/s
A4 430 °/s
A5 430 °/s
A6 630 °/s

Operating conditions
Ambient temperature during operation 5 °C to 55 °C (278 K to 328 K)

Protection rating
Protection rating (IEC 60529) IP65
Protection rating, in-line wrist (IEC 60529) IP65

Controller
Controller KR C4

Teach pendant
Teach pendant KUKA smartPAD-2

The KR 8 R2010-2 is designed for a rated payload of 8 kg in order to optimize the dynamic performance of the robot. With reduced load center distances, higher loads up to the maximum payload may be used. The specific load case must be verified using KUKA.Load. For further consultation, please contact KUKA Support.

Mounting flange

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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