KR 3 D1200

Technical data
Maximum reach 1200 mm
Maximum diameter 1200 mm
Volume of working envelope 0.387 m³
Maximum payload 6 kg
Rated payload 3 kg
Number of axes 4
Number of controlled axes 4
Pose repeatability (ISO 9283) ± 0.05 mm
Mounting position Ceiling
Footprint Ø350 mm
Weight approx. 105 kg
Default color KUKA Industrial Orange (RAL 2009);
Light gray (RAL 7035);
Black (RAL 9005)
Sound level < 75 dB (A)

Axis data
Motion range
A1 -109 ° / 42 °
A2 -109 ° / 42 °
A3 -109 ° / 42 °
A4 ±355 °
Speed with rated payload
A1 600 °/s
A2 600 °/s
A3 600 °/s
A4 1091 °/s

Operating conditions
Ambient temperature during operation 0 °C to 45 °C (273 K to 318 K)

Protection rating
Protection rating (IEC 60529) IP67
Protection rating, robot wrist (IEC 60529) IP69K

Controller
Controller KR C5 micro

The KR 3 D1200 is designed for a rated payload of 3 kg in order to optimize the dynamic performance of the robot. With reduced load center distances and favorable supplementary loads, a maximum payload of up to 6 kg can be mounted. The specific KUKA Load case must be verified using KUKA. For further consultation, please contact KUKA Service.

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.

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