



KR 150 R3100-2



Technical data

Maximum reach	3100 mm
Maximum payload	220 kg
Rated payload	150 kg
Rated supplementary load, rotating column / link arm / arm	0 kg / 0 kg / 50 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

Axis data

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

Operating conditions

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

Protection rating

Protection rating (IEC 60529)	IP65
Protection rating, in-line wrist (IEC 60529)	IP65 / IP67

Controller

Controller	KR C5;
	KR C4

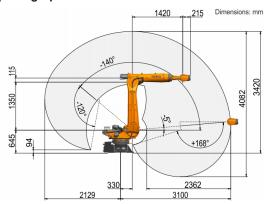
Certificates

ESD requirements IEC61340-5-1; ANSI/ESD S20.20

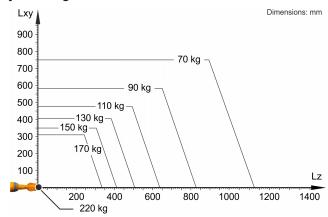
Teach pendant

Teach pendant KUKA smartPAD-2

Workspace graphic

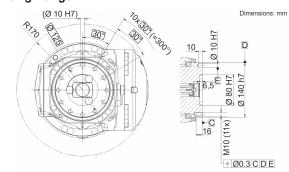


Payload diagram



The KR 150 R3100-2 is designed for a rated payload of 150 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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