



# KR 3 D1200



## **Technical data**

Maximum reach	1200 mm
Maximum diameter	1200 mm
Volume of working envelope	0.387 m <sup>3</sup>
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 opera- 0  $^\circ\text{C}$  to 45  $^\circ\text{C}$  (273 K to 318 K) tion

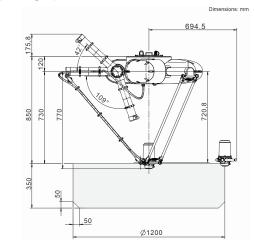
#### **Protection rating**

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

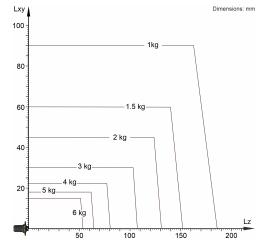
## Controller

Controller	KR C5 micro

## Workspace graphic

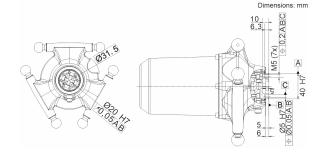


## Payload diagram



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. 0000-400-454 / V2.1 / 22.02.2023 / en

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