



# KR 3 R540



## **Technical data**

Maximum reach	541 mm
Maximum payload	3 kg
Pose repeatability (ISO 9283)	± 0.02 mm
Number of axes	6
Mounting position	Floor;
	Ceiling;
	Wall
Footprint	179 mm x 179 mm
Weight	approx. 26.5 kg

## Axis data

Motion range	
A1	±170 °
A2	-170 ° / 50 °
A2 A3 A4 A5 A6	-110 ° / 155 °
A4	±175 °
A5	±120 °
A6	±350 °

### **Operating conditions**

Ambient temperature during opera- 5  $^\circ\text{C}$  to 45  $^\circ\text{C}$  (278 K to 318 K) tion

### **Protection rating**

Protection rating (IEC 60529)	IP40
Protection rating, robot wrist (IEC	IP40
60529)	

# Controller

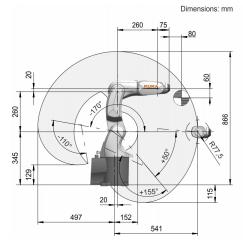
Controller	KR C5 micro;
	KR C4 compact

## Cycle time

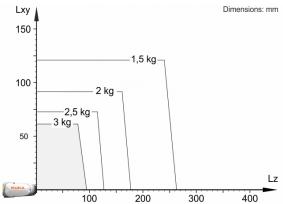
167 cycles per minute (25 mm / 305 mm / 25 mm, 1 kg)



# Workspace graphic

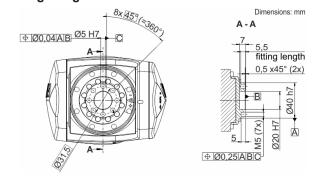


# Payload diagram



The KR 3 R540 is designed for a rated payload of 2 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 3 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. 0000-270-971 / V18.1 / 23.09.2022 / en

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