

KR 16 R2010-2



Workspace graphic

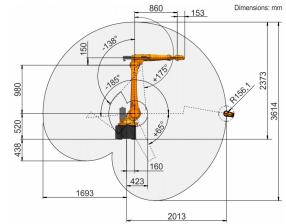
Payload diagram

Lxy

300

200

100



10 kg

300

The KR 16 R2010-2 is designed for a rated payload of 16 kg in order to

400

_____ 12 kg 14 kg_

16 kg

100 200 _ 19,2 kg Dimensions: mm

Lz

500

Technical data

Maximum reach	2013 mm
Rated payload	16 kg
Maximum payload	19.2 kg
Maximum supplementary load, rotat- ing column / link arm / arm	20 kg / 15 kg / 15 kg
Pose repeatability (ISO 9283)	± 0.04 mm
Number of axes	6
Mounting position	Floor; Ceiling; Wall; Desired angle
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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 opera-	5 °C to 55 °C (278 K to 328 K)
tion	

Protection rating

Protection rating (IEC 60529)	IP65
Protection rating, robot wrist (IEC 60529)	IP65

Controller

Controller	KR C5;
	KR C4

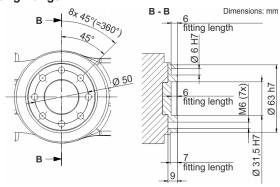
Certificates

ESD requirements

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

d payload optimize the dynamic performance of the robot. The maximum payload of 19.2 kg applies only if the position of the center of mass is 0 mm and a 175 °/s supplementary load optimized for the load case is mounted. The specific load case must be verified using KUKA.Load or KUKA Compose. For further consultation, please contact KUKA Support.

Mounting flange



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