



# KR 16 R2010



### Technical data

Maximum reach	2013 mm
Rated payload	16 kg
Maximum payload	19.2 kg
Maximum supplementary load, rotating column / link arm / arm	-
Pose repeatability (ISO 9283)	± 0.04 mm
Number of axes	6
Mounting position	Floor;
	Ceiling;
	Wall;
	Desired angle
Footprint	430.5 mm x 370 mm
Weight	approx. 255 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 45 °C (278 K to 318 K) tion

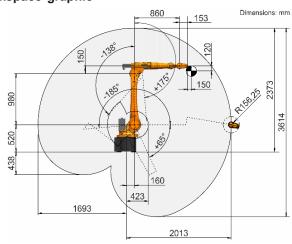
#### **Protection rating**

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

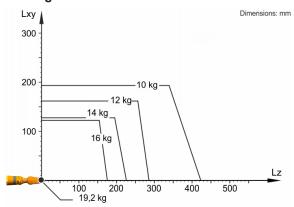
### Controller

Controller	KR C4
------------	-------

# Workspace graphic



# Payload diagram



The KR 16 R2010 is designed for a rated payload of 16 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 19.2 kg can be mounted. The specific KUKA Load case must be verified using KUKA. For further consultation, please contact KUKA Service.

## Mounting flange

