



# KR 210 R2700-2



#### **Technical data**

Maximum reach	2701 mm
Rated payload	210 kg
Maximum payload	275 kg
Maximum supplementary load, ro- tating column / link arm / arm	300 kg / 130 kg / 150 kg
Pose repeatability (ISO 9283)	± 0.05 mm
Number of axes	6
Mounting position	Floor
Footprint	754 mm x 754 mm
Weight	approx. 1077 kg

## Axis data

Motion range			
A1		±18	5°
A2	-140	°/-	5°
A3 -	-120 °	/ 16	8°
A4		±35	0 °
A5		±12	5°
A6		±35	0 °
Speed with rated payload			
A1		120	°/s
A2		115	°/s
A3		112	°/s
A4		179	°/s
A5		172	°/s
A6		220	°/s

## **Operating conditions**

Ambient temperature during opera- 0  $^\circ \text{C}$  to 55  $^\circ \text{C}$  (273 K to 328 K) tion

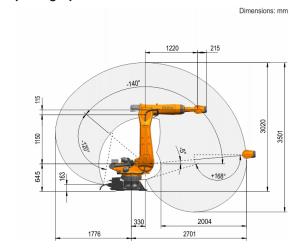
### **Protection rating**

Protection rating (IEC 60529)	IP65
Protection rating, robot wrist (IEC 60529)	IP65 / IP67

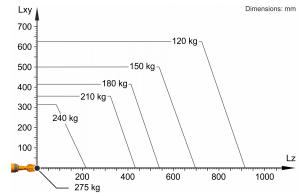
#### Controller

Controller	KR C5

#### Workspace graphic

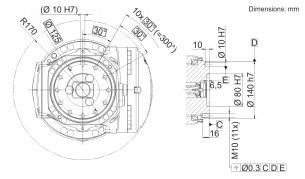


## Payload diagram



The KR 210 R2700-2 is designed for a rated payload of 210 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 275 kg can be mounted. The specific KUKA Load case must be verified using KUKA. For further consultation, please contact KUKA Service.

#### Mounting flange



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