



KR 10 R1100-2 EP



Technical data

Maximum reach	1101 mm
Maximum payload	11.1 kg
Pose repeatability (ISO 9283)	± 0.02 mm
Number of axes	6
Mounting position	Floor; Ceiling; Wall;
	Desired angle
Footprint	208 mm x 208 mm
Weight	approx. 55 kg

Axis data

Motion range	
A1	±170 °
A2	-190 ° / 45 °
A3	-120 ° / 156 °
A4	±185 °
A5	±120 °
A6	±350 °

Operating conditions

Ambient temperature during operation	0 °C to 45 °C (273 K to 318 K)
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Protection rating

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

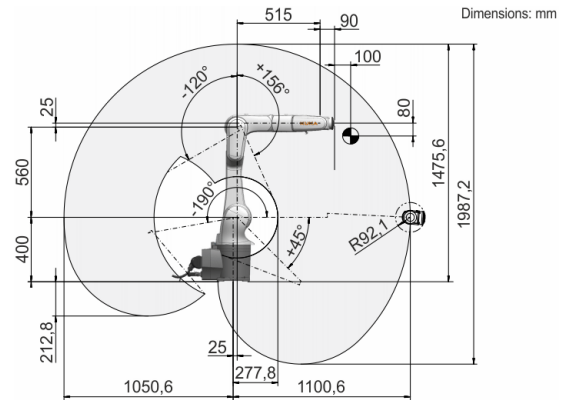
Controller

Controller	KR C5 micro-2; KR C5 micro
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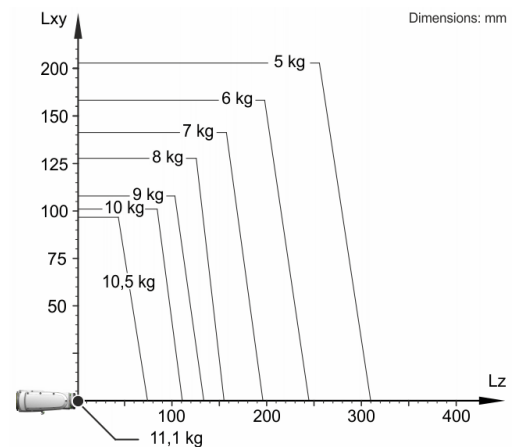
Cycle time



Workspace graphic



Payload diagram



The KR 10 R1100-2 EP is designed for a rated payload of 10 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 11.1 kg can be mounted. The specific KUKA Load case must be verified using KUKA. For further consultation, please contact KUKA Service.

Mounting flange

