



KR 10 R1100 EX



Technical data

Maximum reach	1101 mm
Maximum payload	10 kg
Pose repeatability (ISO 9283)	± 0.03 mm
Number of axes	6
Mounting position	Floor;
	Ceiling;
	Wall;
	Desired angle
Footprint	320 mm x 320 mm
Weight	approx. 56 kg

Axis data

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

Operating conditions

Ambient temperature during opera-	5 °C to 45 °C (278 K to 318 K)
tion	

Protection rating

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

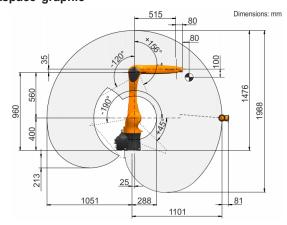
Controller

Controller	KR C5 micro;
	KR C4 compact

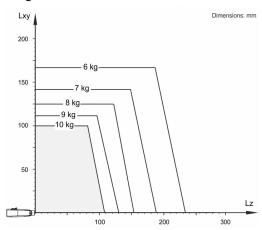
Cycle time



Workspace graphic

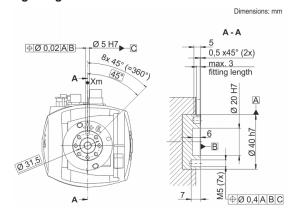


Payload diagram



The KR 10 R1100 EX is designed for a rated payload of 5 kg in order to optimize the dynamic performance of the robot. The maximum payload of 10 kg applies only if the position of the center of mass is 0 mm and a 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



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.

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