KR 10 R1100 sixx

Technical data

Maximum reach	1101 mm
Maximum payload	10 kg
Pose repeatability (ISO 9283)	± 0.03 mm
Number of axes	6
Mounting position	Floor
Footprint	320 mm x 320 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	5 °C to 45 °C (278 K to 318 K)

Protection rating

Protection rating (IEC 60529)	IP54
Protection rating, in-line wrist (IEC 60529)	IP54

Controller

Controller	KR C4 smallsize-2; KR C4 compact

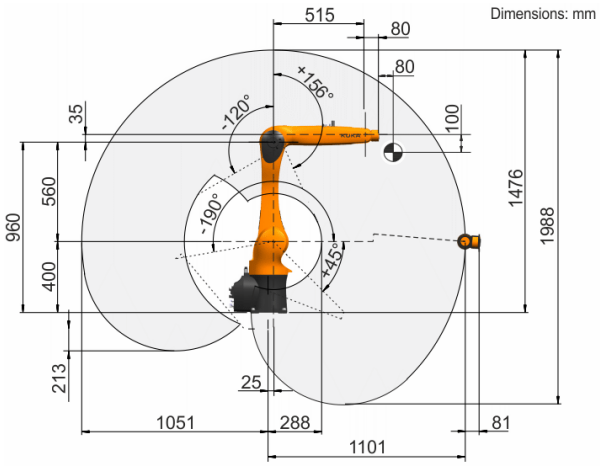
Teach pendant

Teach pendant	KUKA smartPAD

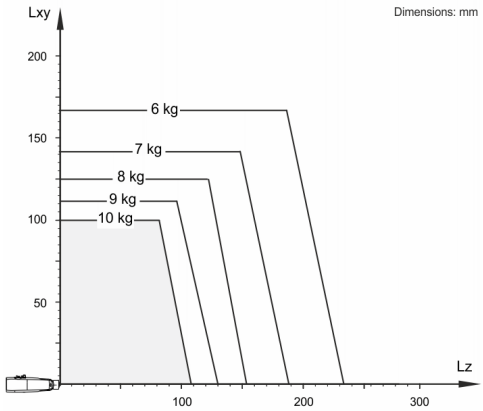
Cycle time

143 cycles per minute (25 mm / 305 mm / 25 mm, 1 kg)

Workspace graphic

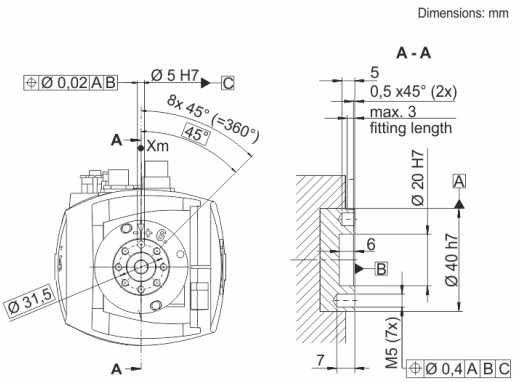


Payload diagram



The KR 10 R1100 sixx is designed for a rated payload of 5 kg in order to optimize the dynamic performance of the robot. With reduced load center distances, higher loads up to the maximum payload may be used. The specific load case must be verified using KUKA.Load. For further consultation, please contact KUKA Support.

Mounting flange



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