



KR 10 R1440-2



Technical data

Maximum reach	1440 mm
Rated payload	10 kg
Maximum payload	14.3 kg
Maximum supplementary load, rotating column / link arm / arm	20 kg / 15 kg / 15 kg
Pose repeatability (ISO 9283)	± 0.04 mm
Number of axes	6
Mounting position	Floor; Ceiling; Wall; Desired angle
Footprint	333.5 mm x 307 mm
Weight	approx. 153 kg

Axis data

Motion range	
A1	±170 °
A2	-185 ° / 65 °
A3	-137 ° / 163 °
A4	±185 °
A5	±120 °
A6	±350 °
Speed with rated payload	
A1	220 °/s
A2	210 °/s
A3	270 °/s
A4	381 °/s
A5	311 °/s
A6	472 °/s

Operating conditions

Ambient temperature during operation	0 °C to 55 °C (2/3 K to 328 K)
Cleanroom class (ISO 14644-1)	Class 5 at 40% override;
	Class 5 at 80% override

Protection rating

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

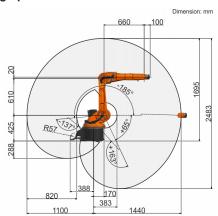
Controller

Controller	KR C5;
	KR C5 micro

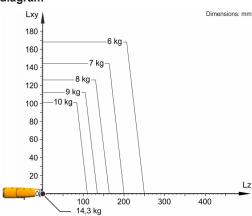
Certificates

ESD requirements	IEC61340-5-1;	ANGI/EGD	520.20
ESD requirements	1001340-3-1,	ANSI/ESD	320.20

Workspace graphic



Payload diagram



The KR 10 R1440-2 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 14.3 kg can be mounted. The specific KUKA Load case must be verified using KUKA. For further consultation, please contact KUKA Service.

Mounting flange

