



KR 6 R700-2



Technical data

Maximum reach	726 mm
Maximum payload	6.8 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. 53 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-	0 °C to 45 °C (273 K to 318 K)
tion	

Protection rating

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

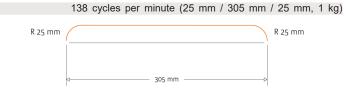
Controller

Controller	KR C5 micro;
	KR C4 smallsize-2;
	KR C4 compact

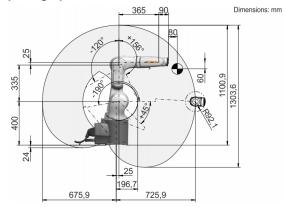
Certificates

ESD requirements IEC61340-5-1; ANSI/ESD S20.20

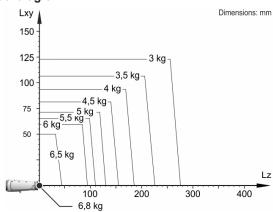
Cycle time



Workspace graphic

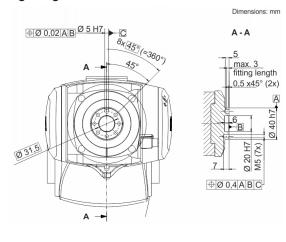


Payload diagram



The KR 6 R700-2 is designed for a rated payload of 6 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 6.8 kg can be mounted. The specific KUKA Load case must be verified using KUKA. For further consultation, please contact KUKA Service.

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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