



KR 150 R2700-2



Technical data

Maximum reach	2701 mm
Rated payload	150 kg
Maximum payload	218 kg
Maximum supplementary load, rotat-	300 kg / 130 kg / 150 kg
ing column / link arm / arm	
Pose repeatability (ISO 9283)	± 0.05 mm
Number of axes	6
Mounting position	Floor
Footprint	754 mm x 754 mm
Weight	approx. 1072 kg

Axis data

Motion range	
A1	±185 °
A2	-140 ° / -5 °
A3	-120 ° / 168 °
A4	±350 °
A5	±125 °
A6	±350 °
Speed with rated payload	
A1	120 °/s
A2	115 °/s
A3	120 °/s
A4	190 °/s
A5	180 °/s
A6	260 °/s

Operating conditions

Ambient temperature during opera-	0 °C to 55 °C (273 K to 328 K)
tion	

Protection rating

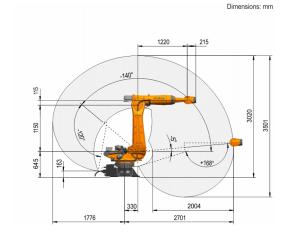
Protection rating (IEC 60529)	IP65
Protection rating, robot wrist (IEC 60529)	IP65 / IP67
Controller	

Controller	KR C5;
	KR C4

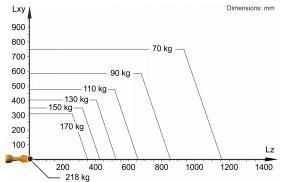
Certificates

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

Workspace graphic

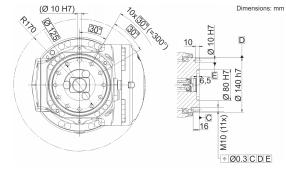


Payload diagram



The KR 150 R2700-2 is designed for a rated payload of 150 kg in order to optimize the dynamic performance of the robot. The maximum payload of 218 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



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