

KR 600 R2830



Technical data

Maximum reach	2826 mm
Rated payload	600 kg
Maximum payload	729 kg
Maximum supplementary load, rotat-	-
ing column / link arm / arm	
Pose repeatability (ISO 9283)	± 0.08 mm
Number of axes	6
Mounting position	Floor
Footprint	1050 mm x 1050 mm
Weight	approx. 2650 kg

Axis data

Motion range	
A1	±185 °
A2	-130 ° / 20 °
A3	-100 ° / 144 °
A4	±350 °
A5	±120 °
A6	±350 °
Speed with rated payload	
A1	80 °/s
A2	75 °/s
A3	70 °/s
A4	70 °/s
A5	70 °/s
A6	110 °/s

Operating conditions

Ambient temperature during opera- 10 $^\circ\mathrm{C}$ to 55 $^\circ\mathrm{C}$ (283 K to 328 K) tion

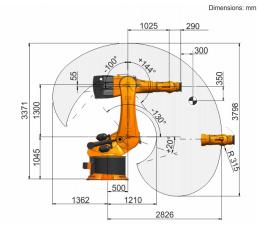
Protection rating

Protection rating (IEC 60529)	IP65
Protection rating, robot wrist (IEC 60529)	IP65
00020)	

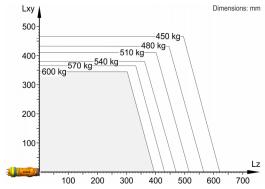
Controller

Controller

Workspace graphic

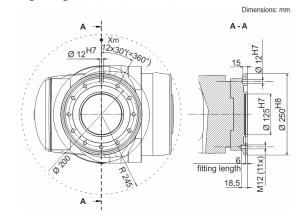


Payload diagram



The KR 600 R2830 is designed for a rated payload of 600 kg in order to optimize the dynamic performance of the robot. The maximum payload of 729 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. 0000-233-247 / V17.2 / 01.06.2022 / en

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