



# KR 800 R2800-2



#### Technical data

Maximum reach	2800 mm
Rated payload	800 kg
Maximum payload	972 kg
Maximum supplementary load, rotating column / link arm / arm	550 kg / 130 kg / 150 kg
Pose repeatability (ISO 9283)	± 0.08 mm
Number of axes	6
Mounting position	Floor
Footprint	968 mm x 944 mm
Weight	approx. 2400 kg

## Axis data

Motion range	
A1	±185 °
A2	-130 ° / 20 °
A3	-100 ° / 165 °
A4	±350 °
A5	±120 °
A6	±350 °
Speed with rated payload	
A1	80 °/s
A2	60 °/s
A3	60 °/s
A4	90 °/s
A5	80 °/s
A6	130 °/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	IP65 / IP67
60529)	

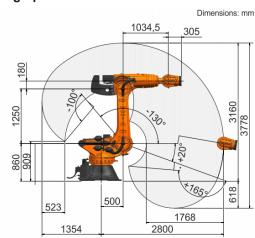
# Controller

Controller	KR C5

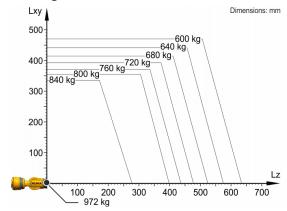
# Certificates

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

# Workspace graphic

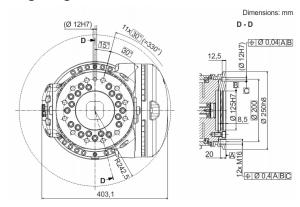


# Payload diagram



The KR 800 R2800-2 is designed for a rated payload of 800 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 972 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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