



## LBR iisy 8 R930



### Basic data

Kinematic type	Articulated robot
Cobot	Yes

Safety requirements	Category 3 and Performance Level d in accordance with EN ISO 13849-1
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### Technical data

Maximum reach	930 mm
Rated payload	8 kg
Maximum payload	9.6 kg
Pose repeatability (ISO 9283)	± 0.05 mm
Number of axes	6
Mounting position	Floor; Ceiling; Wall; Desired angle
Footprint	275 mm x 275 mm
Weight	approx. 43.2 kg

### Axis data

Motion range	
A1	±185 °
A2	-230 ° / 50 °
A3	±150 °
A4	±180 °
A5	±110 °
A6	±220 °
Speed with rated payload	
A1	200 °/s
A2	200 °/s
A3	200 °/s
A4	230 °/s
A5	260 °/s
A6	380 °/s

### Operating conditions

Ambient temperature during operation	0 °C to 45 °C (273 K to 318 K)
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### Protection rating

Protection rating (IEC 60529)	IP54
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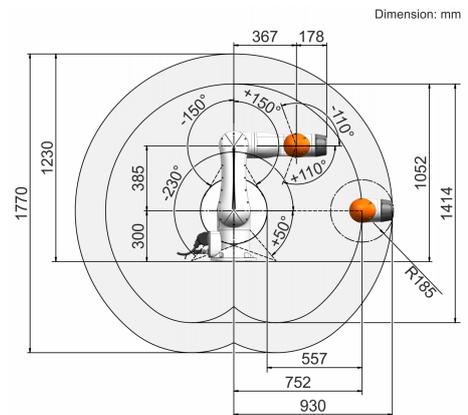
### Controller

Controller	KR C5 micro
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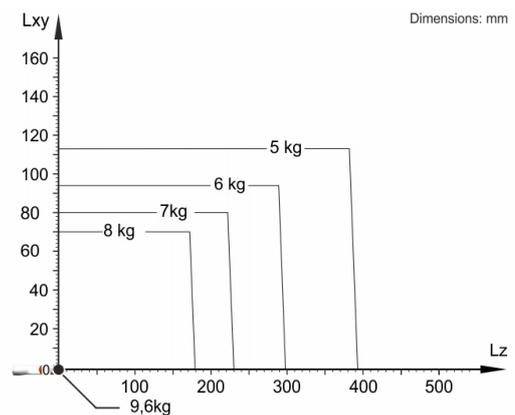
### Certificates

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

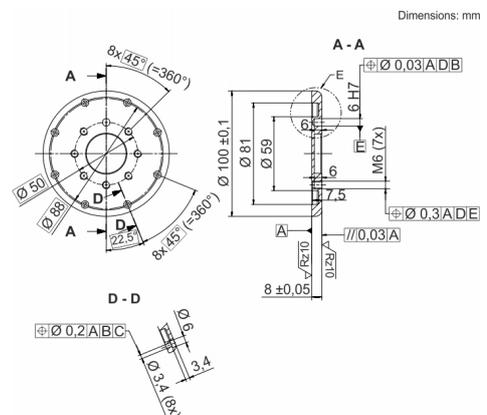


### Payload diagram



The LBR iisy 8 R930 is designed for a rated payload of 8 kg in order to optimize the dynamic performance of the robot. The maximum payload of 9.6 kg only applies if the position of the center of mass is 0 mm. The specific load case must be verified using KUKA.Load or KUKA Compose. For further consultation, please contact KUKA Support.

### Mounting flange



The robot has an internal energy supply system from axis 1 to axis 6 for use by the customer with 8 control cables and a 1 Gbit Ethernet cable.