



LBR iiwa 14 R820 CR



Basic data

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|----------------|-------------------|
| Kinematic type | Articulated robot |
| Cobot | Yes |

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

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|-------------------------------|-----------------|
| Maximum reach | 820 mm |
| Rated payload | 14 kg |
| Maximum payload | - |
| Pose repeatability (ISO 9283) | ± 0.15 mm |
| Number of axes | 7 |
| Mounting position | Floor |
| Footprint | 256 mm x 256 mm |
| Weight | approx. 32.7 kg |

Axis data

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|--------------------------|---------|
| Motion range | |
| A1 | ±170 ° |
| A2 | ±120 ° |
| A3 | ±170 ° |
| A4 | ±120 ° |
| A5 | ±170 ° |
| A6 | ±120 ° |
| Motion range, axis 7 | ±175 ° |
| Speed with rated payload | |
| A1 | 85 °/s |
| A2 | 85 °/s |
| A3 | 100 °/s |
| A4 | 75 °/s |
| A5 | 130 °/s |
| A6 | 135 °/s |
| Axis velocity, axis 7 | 135 °/s |

Operating conditions

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|--------------------------------------|----------------------------------|
| Ambient temperature during operation | - 5 °C to 45 °C (278 K to 318 K) |
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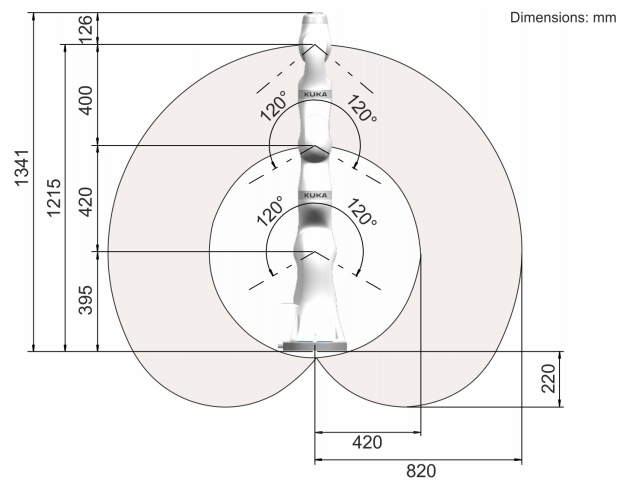
Protection rating

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| Protection rating (IEC 60529) | IP54 |
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Controller

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| Controller | KUKA Sunrise Cabinet |
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Workspace graphic



Payload diagram

