

## LBR iiwa 14 R820 CR



### Basic data

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

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

### Technical data

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

### Axis data

|                          |                 |
|--------------------------|-----------------|
| Motion range             |                 |
| A1                       | $\pm 170^\circ$ |
| A2                       | $\pm 120^\circ$ |
| A3                       | $\pm 170^\circ$ |
| A4                       | $\pm 120^\circ$ |
| A5                       | $\pm 170^\circ$ |
| A6                       | $\pm 120^\circ$ |
| Motion range, axis 7     | $\pm 175^\circ$ |
| 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

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

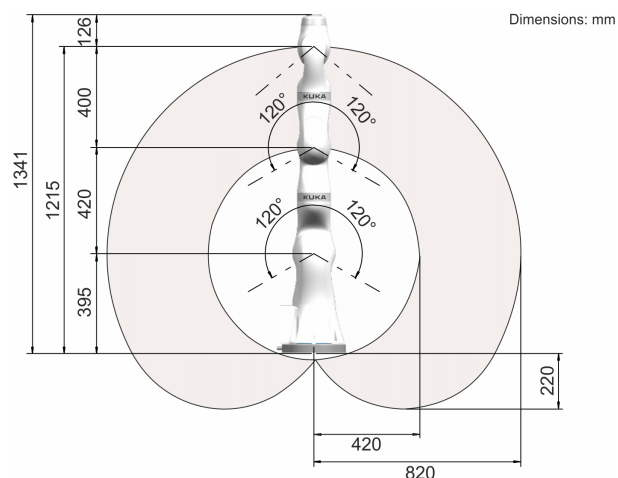
### Protection rating

|                               |      |
|-------------------------------|------|
| Protection rating (IEC 60529) | IP54 |
|-------------------------------|------|

### Controller

|            |                      |
|------------|----------------------|
| Controller | KUKA Sunrise Cabinet |
|------------|----------------------|

### Workspace graphic



### Payload diagram

