**Technical data**

- **Maximum reach**: 2826 mm
- **Maximum payload**: 729 kg
- **Rated payload**: 600 kg
- **Rated supplementary load, rotating column / link arm / arm**: 0 kg / 0 kg / 50 kg
- **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**

<table>
<thead>
<tr>
<th>Axis</th>
<th>Motion range</th>
<th>Speed with rated payload</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>±185 °</td>
<td>80 °/s</td>
</tr>
<tr>
<td>A2</td>
<td>-130 ° / 20 °</td>
<td>75 °/s</td>
</tr>
<tr>
<td>A3</td>
<td>-100 ° / 144 °</td>
<td>70 °/s</td>
</tr>
<tr>
<td>A4</td>
<td>±350 °</td>
<td>70 °/s</td>
</tr>
<tr>
<td>A5</td>
<td>±120 °</td>
<td>70 °/s</td>
</tr>
<tr>
<td>A6</td>
<td>±350 °</td>
<td>110 °/s</td>
</tr>
</tbody>
</table>

**Operating conditions**

- **Ambient temperature during operation**: 10 °C to 55 °C (283 K to 328 K)

**Protection rating**

- **Protection rating (IEC 60529)**: IP65
- **Protection rating, in-line wrist (IEC 60529)**: IP67

**Controller**

- **Controller**: KR C4

**Teach pendant**

- **Teach pendant**: KUKA smartPAD

The KR 600 R2830 F is designed for a rated payload of 600 kg in order to optimize the dynamic performance of the robot. With reduced load center distances, higher loads up to the maximum payload may be used. The specific load case must be verified using KUKA.Load. For further consultation, please contact KUKA Support.

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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