KR 150 R3700 ultra K-F-HP

Technical data

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum reach</td>
<td>3701 mm</td>
</tr>
<tr>
<td>Rated payload</td>
<td>150 kg</td>
</tr>
<tr>
<td>Rated supplementary load, rotating column / link arm / arm</td>
<td>0 kg / 0 kg / 50 kg</td>
</tr>
<tr>
<td>Rated total load</td>
<td>200 kg</td>
</tr>
<tr>
<td>Pose repeatability (ISO 9283)</td>
<td>± 0.06 mm</td>
</tr>
<tr>
<td>Number of axes</td>
<td>6</td>
</tr>
<tr>
<td>Mounting position</td>
<td>Floor</td>
</tr>
<tr>
<td>Footprint</td>
<td>830 mm x 830 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>approx. 1215 kg</td>
</tr>
</tbody>
</table>

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>105 °/s</td>
</tr>
<tr>
<td>A2</td>
<td>-120 ° / 70 °</td>
<td>101 °/s</td>
</tr>
<tr>
<td>A3</td>
<td>-120 ° / 155 °</td>
<td>107 °/s</td>
</tr>
<tr>
<td>A4</td>
<td>±350 °</td>
<td>179 °/s</td>
</tr>
<tr>
<td>A5</td>
<td>±125 °</td>
<td>172 °/s</td>
</tr>
<tr>
<td>A6</td>
<td>±350 °</td>
<td>219 °/s</td>
</tr>
</tbody>
</table>

Operating conditions

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

Protection rating

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protection rating (IEC 60529)</td>
<td>IP65</td>
</tr>
<tr>
<td>Protection rating, in-line wrist (IEC 60529)</td>
<td>IP67</td>
</tr>
</tbody>
</table>

Controller

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controller</td>
<td>KR C4</td>
</tr>
</tbody>
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