R-2000iD/165FH

<table>
<thead>
<tr>
<th>Controlled axes</th>
<th>Repeatability (mm)</th>
<th>Mechanical weight (kg)</th>
<th>Motion range (%)</th>
<th>Maximum speed (°/s)</th>
<th>J4 Moment/Inertia (Nm/kgm²)</th>
<th>J5 Moment/Inertia (Nm/kgm²)</th>
<th>J6 Moment/Inertia (Nm/kgm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6</td>
<td>± 0.05</td>
<td>1130</td>
<td>370</td>
<td>130</td>
<td>1000/122</td>
<td>1000/122</td>
</tr>
</tbody>
</table>

Working range

Robot footprint [mm] 678 x 536
Mounting position Floor
Mounting position Upside down
Mounting position Angle

Controller
R-30iB Plus
Open air cabinet -
Mate cabinet ○
A-cabinet ●
B-cabinet ○
Pendant Touch ●

Electrical connections
Voltage 50/60Hz 3phase [V] 380-575
Voltage 50/60Hz 1phase [V] -
Average power consumption [kW] 2.5

Integrated services
Integrated signals on upper arm In/Out 8/8
Integrated air supply 2

Environment
Acoustic noise level [dB] -
Ambient temperature [°C] 0-45

Protection
Body standard/optional IP54
Wrist & J3 arm standard/optional IP67

Motion range of the J5 axis rotation center

J5 axis rotation center

*Based on ISO9283