### M-1iA/1H

<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>± 0.02</td>
<td>18 ± 0.02</td>
<td>Ø 280 x 100 *3</td>
<td>-</td>
<td>-</td>
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</tr>
</tbody>
</table>

*2) with stand  *3) Ø in mm by height in mm  *4) refer to the wrist load diagramm

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**Robot footprint [mm]** 134 x 370

**Mounting position**
- Floor
- Upside down
- Angle

**Controller**
- R-30iB Plus
  - Open air cabinet
  - Mate cabinet
  - iA-cabinet
  - iB-cabinet
  - iProfile Touch

**Electrical connections**
- Voltage 50/60Hz 3phase [V]
- Voltage 50/60Hz 1phase [V] 220-230
- Average power consumption [kW] 0.2

**Integrated services**
- Integrated signals on upper arm In/Out 6/6
- Integrated air supply 1

**Environment**
- Acoustic noise level [dB] 61.2
- Ambient temperature (°C) 0-45

**Protection**
- Body standard/optional
- Wrist & J3 arm standard/optional  IP20

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