Planetary Gearheads

0,7 Nm

For combination with
DC-Micromotors
Brushless DC-Motors
Stepper Motors

Series 22/7

Housing material
metal

Geartrain material
steel

Recommended max. input speed for:
- continuous operation
4 000 min⁻¹

Backlash, at no-load
≤ 1 °

Bearings on output shaft
ball bearings, preloaded

Shaft load, max.:
- radial (10 mm from mounting face)
≤ 170 N
- axial
≤ 150 N

Shaft press fit force, max.
≤ 102 N

Shaft play
- radial (10 mm from mounting face)
≤ 0,03 mm
- axial
≤ 0,1 mm

Operating temperature range
-30 ... + 100 °C

Technical data

<table>
<thead>
<tr>
<th>Number of gear stages</th>
<th>Continuous torque mNm</th>
<th>Intermittent torque mNm</th>
<th>Mass without motor, g</th>
<th>Efficiency, max. %</th>
<th>Reduction ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>200</td>
<td>400</td>
<td>68</td>
<td>88</td>
<td>3,71:1</td>
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<tr>
<td>2</td>
<td>300</td>
<td>600</td>
<td>63</td>
<td>80</td>
<td></td>
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<tr>
<td>3</td>
<td>700</td>
<td>1 000</td>
<td>76</td>
<td>70</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>700</td>
<td>1 000</td>
<td>88</td>
<td>60</td>
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<tr>
<td>5</td>
<td>700</td>
<td>1 000</td>
<td>102</td>
<td>55</td>
<td></td>
</tr>
</tbody>
</table>

Orientation with respect to motor terminals not defined
3x M2 4 deep
3x 120°

For more combinations see table.
Example of combination with 2233...S.


1) The reduction ratios are rounded, the exact values are available on request or at www.faulhaber.com.

For notes on technical data and lifetime performance refer to "Technical Information".

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