Planetary Gearheads

**1 Nm**

For combination with
DC-Micromotors
Brushless DC-Motors

### Series 26A

<table>
<thead>
<tr>
<th></th>
<th>26A</th>
<th>26AK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing material</td>
<td>plastic</td>
<td>plastic</td>
</tr>
<tr>
<td>Geartrain material</td>
<td>plastic</td>
<td>plastic</td>
</tr>
<tr>
<td>Recommended max. input speed for:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– continuous operation</td>
<td>5 000 min(^{-1})</td>
<td>5 000 min(^{-1})</td>
</tr>
<tr>
<td>Backlash, at no-load</td>
<td>≤ 3 °</td>
<td>≤ 3 °</td>
</tr>
<tr>
<td>Bearings on output shaft</td>
<td>sintered bearings</td>
<td>ball bearings</td>
</tr>
<tr>
<td>Shaft load, max.:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– radial (10 mm from mounting face)</td>
<td>≤ 4 N</td>
<td>≤ 60 N</td>
</tr>
<tr>
<td>– axial</td>
<td>≤ 4 N</td>
<td>≤ 15 N</td>
</tr>
<tr>
<td>Shaft play</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– radial (10 mm from mounting face)</td>
<td>≤ 0,08 mm</td>
<td>≤ 0,1 mm</td>
</tr>
<tr>
<td>– axial</td>
<td>≤ 0,25 mm</td>
<td>≤ 0,25 mm</td>
</tr>
<tr>
<td>Operating temperature range</td>
<td>- 30 ... + 65 °C</td>
<td>- 30 ... + 85 °C</td>
</tr>
</tbody>
</table>

### Technical data

- **Number of gear stages**
  - 2
  - 3
  - 4

- **Continuous torque mNm**
  - 2: 300
  - 3: 750
  - 4: 800

- **Intermittent torque mNm**
  - 2: 500
  - 3: 1 000
  - 4: 1 500

- **Mass without motor, ca. g**:
  - 2: 21
  - 3: 21
  - 4: 21

- **Efficiency, max. %**
  - 2: 81
  - 3: 73
  - 4: 73

- **Direction of rotation, drive to output**
  - =
  - =
  - =

- **Reduction ratio (rounded)**
  - 2: 13:1
  - 3: 16:1
  - 4: 50:1

- **L2 [mm] = length without motor**
  - 2: 32,7
  - 3: 38,5
  - 4: 38,5

- **L1 [mm] = length with motor**
  - 2: 67,4
  - 3: 73,2
  - 4: 73,2

### Note:

These gearheads are available only with motors mounted.

For more combinations see table. Example of combination with 2642...CR.

---

© DR. FRITZ FAULHABER GMBH & CO. KG
Specifications subject to change without notice.

www.faulhaber.com