**Data**

**Motor/Gear**
12/24 VDC power supply, permanent magnet motor

<table>
<thead>
<tr>
<th>Gear ratio</th>
<th>4</th>
<th>14</th>
<th>17</th>
<th>24</th>
<th>49</th>
<th>84</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum load [N]</td>
<td>500</td>
<td>1750</td>
<td>2200</td>
<td>3100</td>
<td>4500</td>
<td>4500</td>
</tr>
<tr>
<td>Speed at maximum load [mm/s]</td>
<td>70</td>
<td>20</td>
<td>17</td>
<td>12</td>
<td>6.0</td>
<td>4.0</td>
</tr>
</tbody>
</table>

Recommended max. current: 12 VDC = 16 A/24 VDC = 8 A

**Max. static load*/Self-locking force**
*Depending on stroke length for push-applications

- PA Brackets: 4700 N
- Alu Brackets: 16800 N
- Operation: -5°C to +70°C
- Storage: -40°C to +70°C

**Temperature**

- IP66

**Protection class**

**Cable specification**

- 1m, 2x0.75mm² (AWG 18), diameter ~ 6mm, black/grey

**Materials**

- Motor and actuator tube
- Piston rod

**Duty cycle**

- Max. 10% or 2 minutes in use followed by 18 minutes rest

**Color**

- Black (RAL 9005) is standard

**Stroke length/weight**

<table>
<thead>
<tr>
<th>Stroke [mm]</th>
<th>50</th>
<th>100</th>
<th>150</th>
<th>200</th>
<th>250</th>
<th>300</th>
<th>350</th>
<th>400</th>
<th>500</th>
<th>750</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight [kg]</td>
<td>2.1</td>
<td>2.3</td>
<td>2.6</td>
<td>2.8</td>
<td>3.1</td>
<td>3.3</td>
<td>3.6</td>
<td>3.8</td>
<td>4.3</td>
<td>5.6</td>
</tr>
</tbody>
</table>

Type easyE® 50 max. load limited to 2000 N for stroke lengths ≥ 500 mm. Actual weight may vary depending on model and options selected.

**Options:**

- Stainless steel versions (AISI 304 or AISI 316)
- Front and rear brackets in aluminum or stainless steel
- Front and rear brackets with clevis
- Brackets with spherical bearings
- Hall sensors for positioning and/or synchronization
- IP68/IP69K (additional 14 mm to end-to-end dimensions)*
- Connector types (Molex 5557/DIN 8 pole/Phono/Others)
- Low Noise
- ATEX zone 22, group II 3 D approval
- Tested according to EN/UL/CSA60.601
- Eskimo version (-40°C to +70°C)
- Other cable lengths

**On request:**

- Available in all RAL colors
- Other stroke lengths available
- Customized front, rear brackets and built-in measures

Contact Bansbach for any special requirements

* The dust and water sealing of IP68/69K actuators might affect their performance in lower gear ratios.
**Force/current**

Use in the dashed area is not recommended. Please contact Bansbach for further information.

Max. 7A when used in connection with C3 system.

1) At ambient temperature T=25°C

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**Dimensions**

**Precautions**

Power supply without over current-relay or other current switch-off devices can cause serious damage to the actuator at mechanical end-stop stop or if the actuator is overloaded in another way. Radial forces might have an adverse effect of the performance of, or lead to damage to the actuator.