Process Automation – World of linear actuators

**Linear actuators and positioners**

<table>
<thead>
<tr>
<th>Description/Type</th>
<th>DLP</th>
<th>DFPI</th>
<th>DSBG</th>
<th>DFPI-...-NB3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>60 … 320 mm</td>
<td>60 … 320 mm</td>
<td>60 … 320 mm</td>
<td>60 … 320 mm</td>
</tr>
<tr>
<td>Stroke length</td>
<td>40 ... 990 mm</td>
<td>40 ... 990 mm</td>
<td>40 ... 990 mm</td>
<td>40 ... 990 mm</td>
</tr>
<tr>
<td>Mode of operation</td>
<td>Double-acting</td>
<td>Double-acting</td>
<td>Double-acting</td>
<td>Double-acting</td>
</tr>
<tr>
<td>Cushioning</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Finish (painted)</td>
<td>2,800 … 68,000 N</td>
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<td>2,800 … 68,000 N</td>
</tr>
</tbody>
</table>

**Controlled linear actuator**

- Integrated displacement encoder
- High corrosion resistance
- Suitable for swivel applications
- ATEX certification

**On/off linear actuator**

- Optional external displacement encoder
- High corrosion resistance
- Suitable for swivel applications
- ATEX certification

**Positioner**

- Technopolymer housing
- Confi gurable control signal
- Additional feedback signal: 4 ... 20 mA
- 2x Digital feedback signals
- Degree of protection IP65

**Additional feedback signal: 4 ... 20 mA**

**2x Digital feedback signals**

| Diameter         | 100 … 320 mm | 100 … 320 mm | 100 … 320 mm | 100 … 320 mm |
| Stroke length    | 40 ... 990 mm | 40 ... 990 mm | 40 ... 990 mm | 40 ... 990 mm |
| Mode of operation| Double-acting | Double-acting | Double-acting | Double-acting |
| Cushioning       | None | None | None | None |
| Force (pressure 6 bar) | 4,417 … 48,255 N | 4,417 … 48,255 N | 4,417 … 48,255 N | 4,417 … 48,255 N |

**Position accuracy ±1%**

**Mode of operation Double-acting linear/ quarter turn actuators**

**Max. fl ow rate 50/130 l/min**

**Operating Voltage 24 VDC**

**Control Signal 0 ... 10 V/0 ... 20 mA/4 ... 20 mA**

**Position accuracy ±1%**

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**Max. fl ow rate 50/130 l/min**

**Description/Type**

1. Trunnion support SN-25K/325K
2. Flange mountings SN-25K/325K
3. Extended range SN-25K/325K
4. Swivel fl ange SN-25K/325K
5. Cleaning nozzle SN-25K/325K

**Description/Type**

6. Flange mountings SN-25K/325K
7. Extended range SN-25K/325K
8. Swivel fl ange SN-25K/325K
9. Cleaning nozzle SN-25K/325K

**Description/Type**

10. Flange mountings SN-25K/325K
11. Extended range SN-25K/325K
12. Swivel fl ange SN-25K/325K
13. Cleaning nozzle SN-25K/325K

**Attachments and accessories**

**Customized solutions**

Customized linear/ pneumatic cabinet solution also for hazardous areas

Customized mounting plate for hazardous areas

Customized pneumatic actuator for ATEX area

**Control terminal for automated and manual pneumatic operation**

**Customized actuator**

**Customized knife gate valve**