Guided drive
DFM-6/-10

Translation of the original instructions

1 Further applicable documents
   All available documents for the product ➔ www.festo.com/pk.
   ➔ Assembly instructions for proximity sensor

2 Safety

2.1 Safety instructions
   Before carrying out any work on the product, switch off the compressed air supply and secure it against being switched back on.
   Protect the positioning range from access.
   Keep foreign objects out of the positioning range.

2.2 Intended use
   Recording lateral forces on the yoke plate for clamping, press-fitting, feeding or as protection against rotation.

3 Further information

   Characteristic curves and permissible limits ➔ www.festo.com/catalogue
   Dimensions of guided drive ➔ www.festo.com/catalogue
   Accessories (e.g. QS push-in fittings) ➔ www.festo.com/catalogue

4 Product range overview

4.1 Included in delivery

Fig. 1

1 Guided drive (1x)

Fig. 2

2 Screw (2x)
3 Proximity sensor (2x) SMT-10G

5 Mounting

5.1 Assembly conditions
   - Observe the characteristic curves and permissible limits ➔ www.festo.com/catalogue.
   - Handle the guided drive in such a way that the guide rods and piston rod are not damaged.
   - Ensure that the surfaces (H) and (I) are flat.
   - Install the guided drive without deformation.

Fig. 3

5.2 Assembly variants

Flat from above

Fig. 4

Via end face

Fig. 5

Fig. 6

5.3 Mounting

Select mounting accessories
   - Use the following screws depending on the assembly variant:

<table>
<thead>
<tr>
<th>DFM</th>
<th>Flat from above</th>
<th>Via end face</th>
<th>Yoke plate (J)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>M3</td>
<td>M3</td>
<td>M2.5</td>
</tr>
<tr>
<td>10</td>
<td>M3</td>
<td>M4</td>
<td>M3</td>
</tr>
</tbody>
</table>

Tab. 1 Mounting accessories

Assemble guide unit
1. Position guided drive 1 on the assembly surfaces (H) and (I).
2. Mount guided drive 1 using the screws 2.

5.4 Assembly of the proximity sensors SMT-10G

Positioning the proximity sensors in the slots

Fig. 7

1. Align the proximity sensors 3 with the mounting attachment facing inwards.
2. Slide the proximity sensors 3 into the slots (A).

Assembling the proximity sensors

Permitted QS push-in fittings (B): ➔ www.festo.com/catalogue

Fig. 8

- Mount the proximity sensors 3 ➔ Further applicable documents.