Mini Slide DGSC

Extremely slim!

The smallest of its kind in the world! The mini slide DGSC is characterised by its extremely slim design. Only 8 mm wide, but still a slide with a ball bearing cage guide. Ideal for all applications with short strokes, where space is tight.

**Highlights**
- Smallest guided slide unit on the market
- Simple selection, mounting and commissioning
- High precision
- Wide range of applications
- Low-cost and durable

**Powerful**
- Precision ball bearing cage guide for accurate linearity/parallelism
- Enables safe, precise, high-quality processes
- For high component density, and space in the application

**Simple applications**
- Easy mounting of devices
- Threaded and centring options available (suction, pusher/plunger, slide and separation tasks)
- Simple mounting and commissioning via 2 mounting and 2 tubing variants
- Easy to use thanks to the elimination of any stroke adjustment tasks: 2 mm stroke compensation via spring
- Direct mounting of a suction cup possible

**Economical**
- Quick and easy assembly and commissioning
- Low procurement costs, low price
- Long service life thanks to housing made from high-alloy steel
Mini slide DGSC

Areas of applications

Chip back-end processing:
• Picking and placing chips

Small parts assembly (electronics):
• Linear, guided movements for changing fixtures/contacting
• Centring/clamping products during product intake/carrying
• Keypad contacting
• Picking and placing electronic components
• Labelling applications

Small parts assembly (non-electronic):
• Separating components
• Pick and place

Technical data

<table>
<thead>
<tr>
<th>DGSC-K-6-10-P-L/DGSC-6-10-P-P</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>6</td>
</tr>
<tr>
<td>Width [mm]</td>
<td>8</td>
</tr>
<tr>
<td>Stroke [mm]</td>
<td>10</td>
</tr>
<tr>
<td>Stroke compensation [mm]</td>
<td>2.5</td>
</tr>
<tr>
<td>Max. effective load [g]</td>
<td>30</td>
</tr>
<tr>
<td>Operating pressure [bar]</td>
<td>1 ... 6</td>
</tr>
<tr>
<td>Repetition accuracy [mm]</td>
<td>± 0.1</td>
</tr>
<tr>
<td>Linearity [mm]</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Max. operating frequency [Hz]</td>
<td>4</td>
</tr>
<tr>
<td>Min. travel time, extending [ms]</td>
<td>19</td>
</tr>
<tr>
<td>Min. travel time, retracting [ms]</td>
<td>16.5</td>
</tr>
<tr>
<td>Cushioning</td>
<td>Elastic cushioning rings/pads at both ends</td>
</tr>
<tr>
<td>Feed force at 6 bar [N]</td>
<td>15</td>
</tr>
<tr>
<td>Max. spring tension [N]</td>
<td>2</td>
</tr>
</tbody>
</table>

DGSC-6-10-P-L with suction cup

DGSC-6-10-P-P with suction cup