# VV85G

## Pneumatic Precision Guide

Our newest line of precision guides and lifters, when used with Destaco power clamps and pin packages, provides customers flexibility in body-in-white applications.

Precision slides and lifters are ideal for applications where multiple parts are produced on a single production line, with clamping and locating points at different positions and locations.

## Product Highlights/Options

- Two strokes available - 20mm, 40mm
- Can be used in vertical or horizontal orientation
- Locks in extended and retracted position
- Completely enclosed, protected mechanism
- One compact body size for multiple strokes

## Features, Markets and Applications

<table>
<thead>
<tr>
<th>Performance</th>
<th>Enclosed body protects internal mechanism</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Maintenance free - over 3 million cycles</td>
</tr>
<tr>
<td>Low/No Maintenance</td>
<td>Internal locking mechanisms promotes worker safety</td>
</tr>
<tr>
<td></td>
<td>Locks in extended and/or retracted position</td>
</tr>
<tr>
<td>Compact Size</td>
<td>Multiple mounting surfaces for greater flexibility</td>
</tr>
<tr>
<td></td>
<td>Same mounting hole pattern as Destaco power clamping products</td>
</tr>
</tbody>
</table>

Dimensions and technical information are subject to change without notice.
**VV85G Precision Guide**

### How To Order

**Base Model**

**Stroke**

- **20**
- **40**

**Description**

- **20mm Stroke**
- **40mm Stroke**

**Sensors**

- **L8**
- **N8**
- **L9**
- **N9**
- **K8**

**Description**

- PNP Inductive Sensors with In-line Connector
- NPN Inductive Sensors with In-line Connector
- PNP Inductive Sensors with 90° Connection
- NPN Inductive Sensors with 90° Connection
- PNP Inductive Sensors with Cable Connection

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Stroke (mm)</th>
<th>Max. Load at 0,2mm (Nm)</th>
<th>Lifting Force (N)</th>
<th>Holding Force (Nm)</th>
<th>Weight (Kg)</th>
<th>Air Consumption per double stroke at 5 bar [72 psi] (NI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VV85G-15020**</td>
<td>20</td>
<td>100</td>
<td>100</td>
<td>50</td>
<td>500</td>
<td>13,2</td>
</tr>
<tr>
<td>VV85G-15040**</td>
<td>40</td>
<td>100</td>
<td>100</td>
<td>50</td>
<td>100</td>
<td>0,45</td>
</tr>
</tbody>
</table>

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