O-RING ASSEMBLY GRIPPER, INNER
INSTALLATION SIZE GSI206

PRODUCT SPECIFICATIONS

INCLUDED IN DELIVERY

CENTERING DISC
DST06510

RECOMMENDED ACCESSORIES

MAGNETIC FIELD SENSOR
Angled Cable 5 m
MFS103KHC

ANGLED CABLE 0.3 m - CONNECTOR M8
MFS103SKHC

PLUG-IN CONNECTOR STRAIGHT CABLE 5 m - SOCKET M8 (FEMALE)
KAG500

PLUG-IN CONNECTOR ANGLED CABLE 5 m - SOCKET M8 (FEMALE)
KAW500

STRAIGHT FITTINGS - QUICK CONNECT STYLE
GVM5

PLUG-IN CONNECTOR CUSTOMIZABLE STRAIGHT - CONNECTOR M8
S8-G-3

PLUG-IN CONNECTOR CUSTOMIZABLE STRAIGHT - CONNECTOR M12
S12-G-3

www.zimmer-group.com ▶ Data, Drawings, 3-D Models, Operating Instructions
<table>
<thead>
<tr>
<th>Order no.</th>
<th>Technical Data*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GSI206</td>
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<tr>
<td>Stroke adjustable per jaw min. [mm]</td>
<td>6</td>
</tr>
<tr>
<td>Stroke adjustable per jaw max. [mm]</td>
<td>20</td>
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<tr>
<td>Opening stroke adjustable per jaw min. [mm]</td>
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<tr>
<td>Opening stroke adjustable per jaw max. [mm]</td>
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<tr>
<td>Stripping stroke [mm]</td>
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<tr>
<td>Opening force [N]</td>
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<tr>
<td>Possible O-ring diameter at cord size 1 [mm]</td>
<td>11-45</td>
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<tr>
<td>Possible O-ring diameter at cord size 2 [mm]</td>
<td>20-130</td>
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<tr>
<td>Possible O-ring diameter at cord size 3 [mm]</td>
<td>32-130</td>
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<tr>
<td>Possible O-ring diameter at cord size 4 [mm]</td>
<td>42-100</td>
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<tr>
<td>Number of gripping jaws [Quantity]</td>
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</tr>
<tr>
<td>Operating pressure min. [bar]</td>
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<tr>
<td>Operating pressure max. [bar]</td>
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<tr>
<td>Operating temperature min. [°C]</td>
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<td>Operating temperature max. [°C]</td>
<td>&gt;80</td>
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<tr>
<td>Weight [kg]</td>
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</tbody>
</table>

*All data measured at 6 bar

[Diagrams and illustrations related to technical data]

1. Gripper attachment
2. Energy supply
3. Fixing for gripper finger
4. Integrated slot for magnetic field sensor
5. Adjustment ring
6. Arrestor for adjustment ring

Data, Drawings, 3-D Models, Operating Instructions  ➤ www.zimmer-group.com
O-RING ASSEMBLY GRIPPER, INNER
SERIES GSI

PRODUCT ADVANTAGES

- **Concentration on the essentials**
  Only pay for what you need - individual standard gripper specific to O-ring inside assembly

- **Adjustable expanding stroke**
  Prevents the O-ring from overexpanding and ensures consistent production quality

- **Query about magnetic field sensor technology**
  Detecting the end position allows you to have shorter cycle times and an integrated control system

THE BEST PRODUCT FOR YOUR APPLICATION

- **Our products welcome the challenge!**
  Extreme conditions, all over the world—our tried and tested components and systems give you endless possibilities.
  Find the best product for your specific use:
  www.zimmer-group.de
BENEFITS IN DETAIL

1. Spread jaws
   - to position the O-ring in the groove of the workpiece

2. Ejector (piston rod)
   - to remove the O-ring

3. Driven by three single-acting pneumatic cylinders
   - drive for grabber jaws
   - drive for spread jaws
   - drive for ejector

4. Grabber jaw
   - to grab the O-ring

5. Force transfer
   - via lever and connecting rod

6. Stroke adjustment on grabber jaws
   - prevents overstretching of O-ring during assembly

7. Stroke on spread jaws
   - adjustable to fit bore diameter of workpiece

8. Mounting and positioning
   - axial, on the gripper bottom

FURTHER INFORMATION IS AVAILABLE ONLINE

Technical Information
All information just a click away at: www.zimmer-group.com
Find data, illustrations, 3D models and operating instructions for your installation size using the order number for your desired product. Quick, clear and always up-to-date.