High Rigidity Pad ZP3E Series
Mounting Bracket Assembly

Adapter Assembly: Vacuum Inlet Direction [Vertical] T Type/ZP3E-T

### Product part no.

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Pad diameter symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>40</td>
<td></td>
<td></td>
</tr>
<tr>
<td>50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>63</td>
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</tr>
<tr>
<td>80</td>
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</tr>
<tr>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>125</td>
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</tr>
</tbody>
</table>

### Component parts

- **A** Seal washer
- **B** Holder
- **C** Plate
- **D** Set screw
- **E** Male thread adapter (With mounting nut)

#### ZP3E-T(32 to 50)(UM/BM)\(\square\)-A10
- Pad material: M10 x 1
- Connection thread: ZP3EA-SW10

#### ZP3E-T(63 to 125)(UM/BM)\(\square\)-A16
- Pad material: M16 x 1.5
- Connection thread: ZP3EA-SW16

#### ZP3E-T(32 to 50)(UM/BM)\(\square\)-AL14
- Pad material: M14 x 1
- Connection thread: ZP3EA-TAL14

#### ZP3E-T(63 to 125)(UM/BM)\(\square\)-AL16
- Pad material: M16 x 1.5
- Connection thread: RBQ16J
### Adapter Assembly: Vacuum Inlet Direction **Vertical** T Type/ZP3E-T

#### Product part no.

- **ZP3E - T**  
  - Pad diameter:
  - Pad form:
  - Pad material:
  - Connection thread (Female thread):

#### Component parts

- **A Stopper**
- **B Holder**
- **C Female thread plate**

#### Pad diameter symbol

<table>
<thead>
<tr>
<th>Symbol</th>
<th>32</th>
<th>40</th>
<th>50</th>
<th>63</th>
<th>80</th>
<th>100</th>
<th>125</th>
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</thead>
<tbody>
<tr>
<td>A Stopper</td>
<td>ZP3EA-S1</td>
<td>ZP3EA-S2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B Holder</td>
<td>Flat type with groove</td>
<td>UM</td>
<td>ZP3EA-H1B</td>
<td>ZP3EA-H2B</td>
<td>ZP3EA-H3B</td>
<td>ZP3EA-H4B</td>
<td>ZP3EA-H5B</td>
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<tr>
<td></td>
<td>Bellows type with ribs and groove</td>
<td>BM</td>
<td>ZP3EA-H1B</td>
<td>ZP3EA-H2B</td>
<td>ZP3EA-H3B</td>
<td>ZP3EA-H4B</td>
<td>ZP3EA-H5B</td>
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<tr>
<td>C Female thread plate</td>
<td>Flat type with groove</td>
<td>BM</td>
<td>M8 x 1.25</td>
<td>B8</td>
<td>ZP3EA-PT1-B8</td>
<td>ZP3EA-PT2-B8</td>
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<tr>
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<td>Bellows type with ribs and groove</td>
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<td>M10 x 1.5</td>
<td>B10</td>
<td>ZP3EA-PT1-B10</td>
<td>ZP3EA-PT2-B10</td>
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<tr>
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<td>Flat type with groove</td>
<td>UM</td>
<td>M12 x 1.75</td>
<td>B12</td>
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<td>ZP3EA-PT3-B12</td>
<td>ZP3EA-PT4-B12</td>
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<tr>
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<td>Bellows type with ribs and groove</td>
<td>BM</td>
<td>M18 x 1.5</td>
<td>B18</td>
<td>—</td>
<td>ZP3EA-PT3-B18</td>
<td>ZP3EA-PT4-B18</td>
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</tbody>
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**Model Selection**  
**High Rigidity Pad**  
**Mounting Bracket Assembly**  
**ZP3E Series**  
**Standard Type**  
**High Rigidity**  
**Flat Type**  
**with Groove**  
**Bellows Type**  
**with Ribs and Groove**  
**Construction**

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**Precautions**
Adapter Assembly: Vacuum Inlet Direction [Lateral] Y Type/ZP3E-Y

<table>
<thead>
<tr>
<th>Product part no.</th>
<th>ZP3E - Y</th>
<th>①</th>
<th>②</th>
<th>③</th>
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<tbody>
<tr>
<td>Pad diameter</td>
<td></td>
<td>①</td>
<td></td>
<td>③</td>
</tr>
<tr>
<td>Connection thread (Male/Female thread)</td>
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<td></td>
<td>②</td>
<td></td>
</tr>
<tr>
<td>Pad form</td>
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<tr>
<td>Pad material</td>
<td></td>
<td></td>
<td></td>
<td>②</td>
</tr>
</tbody>
</table>

Component parts

- **A Seal washer**
  - M10 x 1: ZP3EA-SW10
  - M16 x 1.5: ZP3EA-SW16

- **B Holder**
  - Flat type with groove
    - UM: ZP3EA-H1A
    - ZP3EA-H2A
  - Bellows type with ribs and groove
    - BM: ZP3EA-H3A
    - ZP3EA-H4A
    - ZP3EA-H5A
    - ZP3EA-H6A

- **C Plate**
  - Flat type with groove
    - UM: ZP3EA-P1
    - ZP3EA-P2
  - Bellows type with ribs and groove
    - BM: ZP3EA-P3
    - ZP3EA-P4
    - ZP3EA-P5
    - ZP3EA-P6

- **D Set screw**
  - M14 x 1: ZP3EA-A10
  - M16 x 1.5: ZP3EA-A16

- **E Male thread adapter**
  - (With mounting nut)

- **F Mounting nut**
  - (Single unit)
  - M14 x 1: ZPNA-M14
  - M16 x 1.5: RBQ16J
### Buffer Assembly: Vacuum Inlet Direction

**Vertical T Type/ZP3E-T, Lateral Y Type/ZP3E-Y**

<table>
<thead>
<tr>
<th>Product part no.</th>
<th>ZP3E - (T/Y)</th>
<th>JB</th>
<th>Pad diameter</th>
<th>Pad form</th>
<th>Pad material</th>
<th>Buffer stroke</th>
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<tbody>
<tr>
<td><strong>Component parts</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

#### Symbol

- **A**: Seal washer
  - M10 x 1: ZP3EA-SW10
  - M16 x 1.5: ZP3EA-SW16

- **B**: Holder
  - Flat type with groove: ZP3EA-H1A
  - Flat type with ribs and groove: ZP3EA-H2A

- **C**: Plate
  - Flat type with groove: ZP3EA-P1
  - Flat type with ribs and groove: ZP3EA-P2
  - ZP3EA-P3: ZP3EA-P4: ZP3EA-P5: ZP3EA-P6

- **D**: Set screw
  - ZP3EA-A10: ZP3EA-A16

- **E**: Buffer assembly
  - (Vacuum inlet: Vertical) (With mounting nut)
  - ZP3EB-(T/Y)1JB 3
  - ZP3EB-(T/Y)2JB 3

- **F**: Mounting nut (Single unit)
  - M18 x 1.5: NT-05
  - M22 x 1.5: ZPNA-M22

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[Buffer assembly part number example]

<table>
<thead>
<tr>
<th>Product part no.</th>
<th>ZP3E-T32UMN</th>
<th>JB</th>
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<tr>
<td>Buffer assembly</td>
<td>ZP3EB-T1</td>
<td>JB</td>
<td>10</td>
</tr>
</tbody>
</table>

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Buffer stroke

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**Construction Precautions**

- Mounting Bracket Assembly
- ZP3E Model Selection
- High Rigidity
- Flat Type with Groove
- Ball Joint, Flat Type with Groove
- Bellows Type with Ribs and Groove
- Ball Joint, Bellows Type with Ribs and Groove