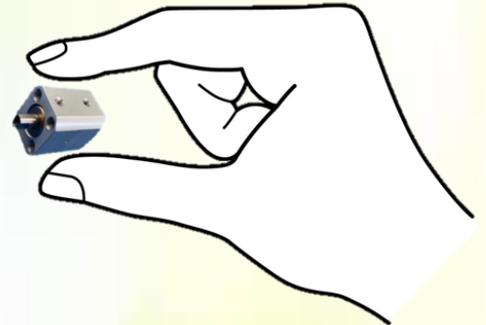


Miniature Air bearing Cylinder (ACS-4-5)

Features

RoHS2

- **Extremely Small and light**
 - 15mm×15mm×25mm
 - Total Weight 12g/Rod weight 1.7g
- **Zero Friction resistance**

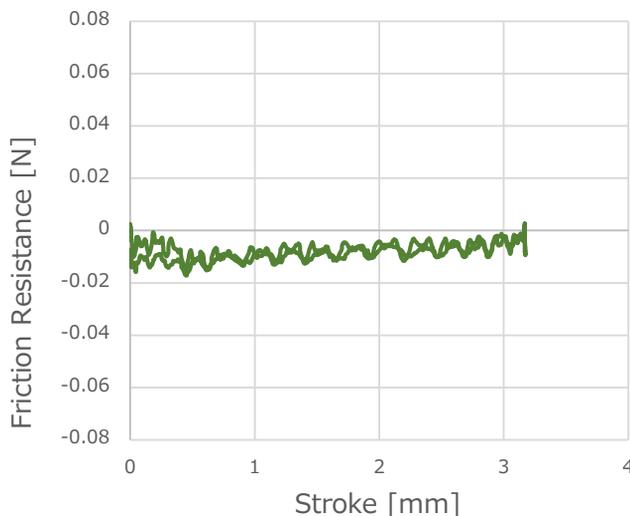


Specification

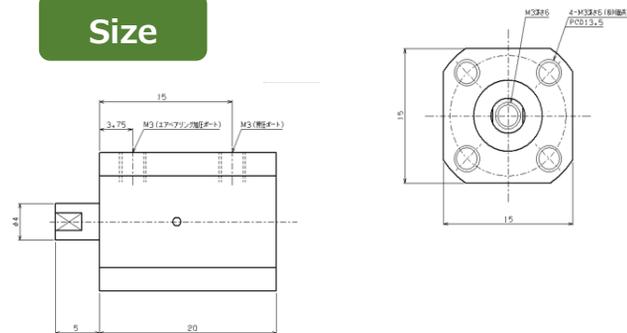
| | |
|---|---------------------------------|
| Name | ACS-4-5 |
| Operating style | Single Action |
| Cylinder diameter (mm) | 4 |
| Stroke (mm) | 5 |
| Working fluid | Compressed Air (Non-Lubricated) |
| Pressure range (Mpa) | 0.01~0.6 *1 |
| Temperature range (°C) | 0~60 |
| Rod bearing | Metal sintered body |
| Weight(g) | 12 |
| Rod weight(g) | 1.7 |
| Effective pressurized area(mm²) | 12.6 |

*1 The supply pressure to the air bearing should be more than 50kPa

Characteristics



Size



Usage



Semiconductor



Processor



Equipment

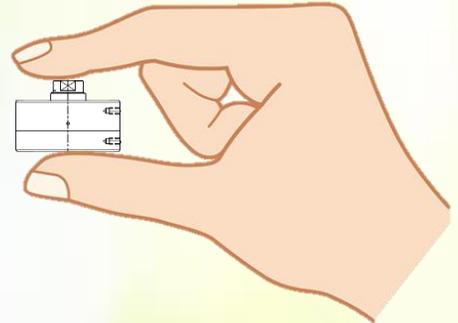
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Extreme Thin Air Bearing Cylinder (ACS-13.5-5)

Features

RoHS2

- **Small & Thin shape air bearing cylinder**
 - 35mm from top to bottom
 - Diameter 40mm
- **Zero Friction resistance**

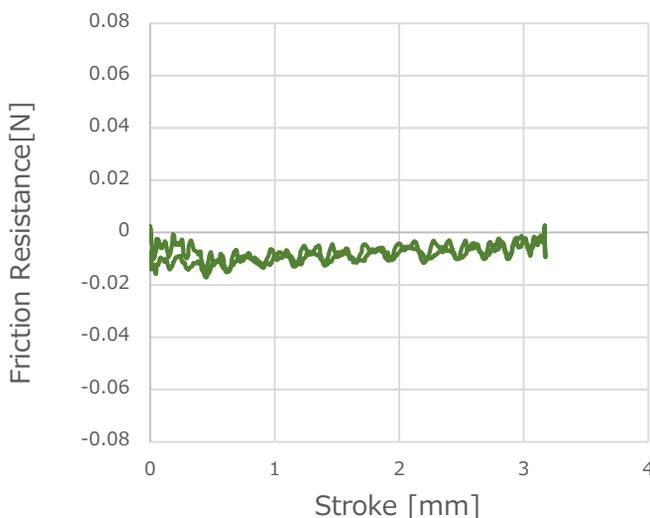


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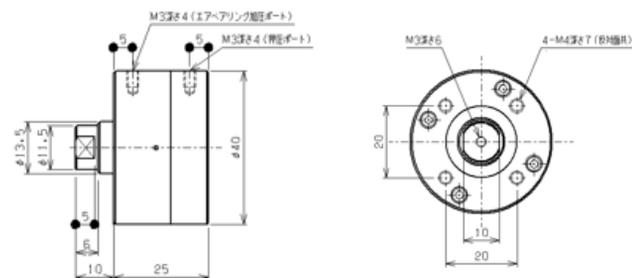
| | |
|---|---------------------------------|
| Name | ACS-13.5-5 |
| Operating style | Single Action |
| Cylinder diameter (mm) | 13.5 |
| Stroke (mm) | 5 |
| Working fluid | Compressed Air (Non-Lubricated) |
| Pressure range (Mpa) | 0.01~0.6 *1 |
| Temperature range (°C) | 0~60 |
| Rod bearing | Metal sintered body |
| Effective pressurized area(mm²) | 143.1 |

*1 The supply pressure to the air bearing should be more than 50kPa

Characteristics



Size



Usage



Semiconductor



Processor



Equipment

<Contact>

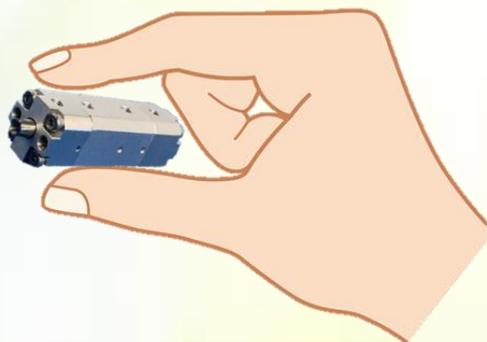
Miniature Air Bearing Cylinder (Double Acting) ACD-6-10



Features

- **Extremely small**
 - 14mm Double Acting and small model
- **Zero Friction resistance**

RoHS2

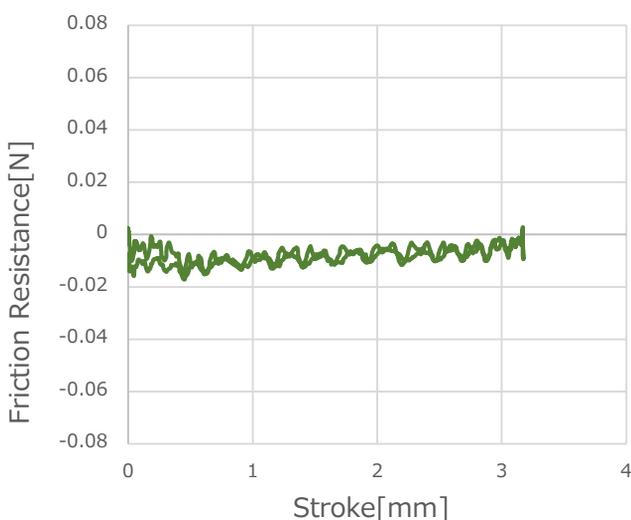


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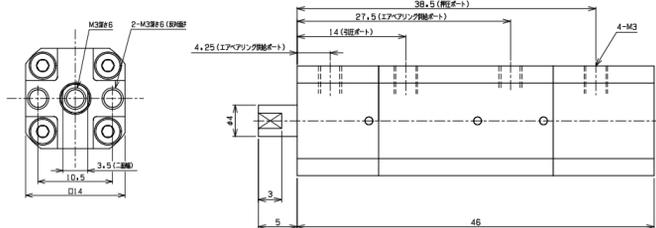
| | |
|--|--------------------------------------|
| Name | ACD-6-10 |
| Operating style | Double Action |
| Cylinder diameter (mm) | 6 |
| Stroke (mm) | 10 |
| Working fluid | Compressed Air (Non-Lubricated) |
| Pressure range (Mpa) | 0.01~0.6 *1 |
| Temperature range (°C) | 0~60 |
| Rod bearing | Metal sintered body |
| Effective pressurized area (mm²) | 28.3 (Push side) 15.7 (Pull side) |

*1 The supply pressure to the air bearing should be more than 50kPa

Characteristics



Size



Usage



Semiconductor



Processor



Equipment

<Contact>



Control Equipment Division
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Special Type Air Bearing Cylinder

Double Rod Air Bearing Cylinder

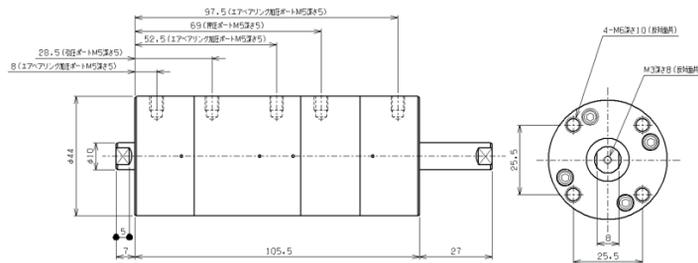
Features

- Double rod type
- **Zero** Friction resistance

Specification

| | |
|---|---------------------------------|
| Name | ACDR-16-20 |
| Operating style | Single Action |
| Cylinder diameter(mm) | 13.5 |
| Stroke (mm) | 5 |
| Working fluid | Compressed Air (Non-Lubricated) |
| Pressure range (Mpa) | 0.01~0.6 *1 |
| Temperature range (°C) | 0~60 |
| Rod bearing | Metal sintered body |
| Effective pressurized area(mm²) | 201 |

*1 The supply pressure to the air bearing should be more than 50kPa



Long Stroke Air Bearing Cylinder

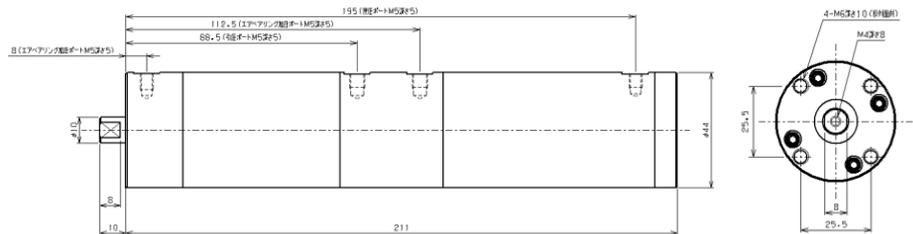
Features

- Long stroke type
- up to 80mm
- **Zero** friction resistance

Specification

| | |
|---|---------------------------------|
| Name | ACD-16-80 |
| Operating style | Double Action |
| Cylinder diameter (mm) | 16 |
| Stroke (mm) | 80 |
| Working fluid | Compressed Air (Non-Lubricated) |
| Pressure range (Mpa) | 0.01~0.6 *1 |
| Temperature range (°C) | 0~60 |
| Rod bearing | Metal Sintered body |
| Effective pressurized area push/pull(mm²) | 122/201 |

*1 The supply pressure to the air bearing should be more than 50kPa



<Contact>