AluVaC® Precision Optics

Configurable viewport with coatings for near UV to medium IR range – made of Aluminum

- CF knife edge in approved AluVaC® quality
- N-BK7, fused silica and crystal optics with various VAR and BBAR coatings
- Not magnetizable
Technical Data

- **View Diameter**: 34 mm
- **Spectral Ranges**: UV-VIS, VIS, VIS-IR, IR
- **Coatings**: Uncoated, VAR and BBAR
- **Flatness**: Down to \( \lambda / 10 \)
- **Surface Finish (S/D)**: Down to 20-10
- **Flange Types**: DN40CF
- **Flange Material**: Aluminum EN AW-6XXX
- **Max. Operation Temperature**: 120 °C
- **Max. Heating/Cooling Rate**: 3 K/min
- **Helium Leak Rate**: \( 5 \cdot 10^{-10} \text{ mbar} \cdot \text{l/s} \)

### Dimensions

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>A</td>
<td>70 mm</td>
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<tr>
<td>D</td>
<td>34 mm</td>
</tr>
<tr>
<td>L1</td>
<td>18 mm</td>
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<tr>
<td>L2</td>
<td>13 mm</td>
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<tr>
<td>L3</td>
<td>4 mm</td>
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Field of Use

- **Laser Applications**
- **UV-VIS Applications**
- **Wide-Range Applications**