UHV- Compatible Miniature Piezo Hexapod

HIGH- PRECISION POSITIONING EVEN IN STRONG MAGNETIC FIELDS

P-911KNMV
- Ultra- compact
- UHV- compatible to 10⁻⁸ hPa
- Nonmagnetic
- Ultra- high precision flexure joints
- Load capacity to 1.5 kg
- Travel ranges to 1.5 mm, to 2°
- With NEXLINE® piezo stepping drives

The space- saving parallel- kinematic design allows for the low overall height of less than 90 mm and a diameter of only 100 mm. NEXLINE® piezo stepping motor drives and integrated incremental sensors ensure a position resolution down to 0.1 µm in the linear axes

Specifications

<table>
<thead>
<tr>
<th></th>
<th>Travel ranges</th>
<th>Max. load</th>
<th>Sensor resolution</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-911KNMV</td>
<td>X, Y, Z 1.5 mm</td>
<td>1.5 kg</td>
<td>0.1 µm</td>
<td>Ø external: 100 mm</td>
</tr>
<tr>
<td>Miniature Hexapod</td>
<td>θₓ, θᵧ, θz 2°</td>
<td></td>
<td></td>
<td>Height: 90 mm</td>
</tr>
</tbody>
</table>

Order Information

P-911KNMV
Non- Magnetic, UHV- Compatible Hexapod with NEXLINE® Piezo Stepping Drives, incl. Controller