Translation Stage (2-Axis) F-Series

Part Number: XYF-50-13-0.25

Mechanical Drawing:

![Mechanical Drawing Image]

Technical Specifications:

<table>
<thead>
<tr>
<th>Direction</th>
<th>X and Y-Axis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stage Size (mm)</td>
<td>50x50</td>
</tr>
<tr>
<td>Travel Range (mm)</td>
<td>13</td>
</tr>
<tr>
<td>Thread Pitch (mm)</td>
<td>0.25</td>
</tr>
<tr>
<td>Resolution (mm)</td>
<td>0.001</td>
</tr>
<tr>
<td>Smallest Reading (mm)</td>
<td>0.005</td>
</tr>
<tr>
<td>Straightness (μm)</td>
<td>±1.5</td>
</tr>
<tr>
<td>Parallelism (μm)</td>
<td>±5</td>
</tr>
<tr>
<td>Surface Flatness (μm)</td>
<td>±15</td>
</tr>
<tr>
<td>XY verticality (μm)</td>
<td>10</td>
</tr>
<tr>
<td>Load Capacity (kg)</td>
<td>2.5</td>
</tr>
<tr>
<td>Guide System</td>
<td>Ball Linear Guide</td>
</tr>
</tbody>
</table>

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