Translation Stage (2-Axis) F-Series

Part Number: XYF-125H-25-0.5

Technical Specifications:

<table>
<thead>
<tr>
<th>Direction</th>
<th>X and Y-Axis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stage Size (mm)</td>
<td>125x125</td>
</tr>
<tr>
<td>Travel Range (mm)</td>
<td>25</td>
</tr>
<tr>
<td>Thread Pitch (mm)</td>
<td>0.5</td>
</tr>
<tr>
<td>Resolution (mm)</td>
<td>0.001</td>
</tr>
<tr>
<td>Smallest Reading (mm)</td>
<td>0.01</td>
</tr>
<tr>
<td>Straightness (μm)</td>
<td>±1</td>
</tr>
<tr>
<td>Parallelism (μm)</td>
<td>±4</td>
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<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>20</td>
</tr>
<tr>
<td>Guide System</td>
<td>Cross Roller Guide</td>
</tr>
<tr>
<td>Weight (kg)</td>
<td>1.96</td>
</tr>
</tbody>
</table>

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