XT²00®
eXTrusion resistant rod seal

Kastas Sealing Technologies
www.kastas.com
XT200, product of 2 years of Research and Development, is an extrusion resistant rod seal that is designed and developed for challenging applications that require both extrusion resistance and low leakage.

- eXTrusion Resistance
- Low Leakage
- Long Service Life

XT200 is designed to offer optimum contact with the counter-surface for advanced friction, extrusion and leakage behavior.

XT200 incorporates an innovative undercut profile specifically developed to provide optimum dynamic sealing edge, thereby ensuring lower friction and lower extrusion under pressure.

XT200 also benefits from an innovative grooved ring design and special lip geometry, which was verified through extensive testing to provide optimum preload and low-leakage.
**Extrusion at 400 bar**

<table>
<thead>
<tr>
<th>Cross Section (mm)</th>
<th>XT200</th>
<th>U-Cup 1</th>
<th>U-Cup 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>0.154</td>
<td>0.154</td>
<td>0.0094</td>
</tr>
<tr>
<td>6</td>
<td>0.154</td>
<td>0.154</td>
<td>0.0302</td>
</tr>
<tr>
<td>7.5</td>
<td>0.142</td>
<td>0.142</td>
<td>0.0302</td>
</tr>
<tr>
<td>10</td>
<td>0.12</td>
<td>0.102</td>
<td>0.0192</td>
</tr>
<tr>
<td>15</td>
<td>0.224</td>
<td>0.224</td>
<td></td>
</tr>
</tbody>
</table>

*Extrusion Gap = 0.2 mm*

**Total Leakage (ml/100m)**

- **XT200**: 0.0094 ml/100m
- **U-Cup 1**: 0.0302 ml/100m
- **U-Cup 2**: 0.0192 ml/100m

**Areas of Application**

- **Construction Machinery**
- **Material Handling**
- **Plastic Injection Moulding Machinery**
- **Support Cylinders**
- **Platform Lifts**
- **Forklifts**

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