The first “Serviceable in Place” Cartridge Seal

Reducing downtime and operating costs is paramount in today’s industrial market. The new XPS™ SIP seal from Garlock Klozure®, designed primarily for the ANSI Pump family*, has been developed to specifically address those needs. The XPS™ SIP seal is equipped with multiple sealing elements which provide the user with the ability to deploy a new seal on demand. This replacement of the sealing element occurs with no equipment tear down and can be made while the pump is still in operation.

Reduce your overall operating costs by eliminating unnecessary downtime and minimizing maintenance costs. Turn to the sealing experts at Garlock Klozure® – turn to the XPS™ SIP Cartridge Seal.

*For other designs, please contact Garlock Klozure

### Features

- GYLON® Sealing Elements
- Cartridge Design
- Element Deployment Fitting
- Multiple Sealing Elements
- Repair Kit Available

### Benefits

- Tolerant of dry running conditions as well as process upsets
- No seal flush required
- Pressure handling capability to 150 psi at 300°F (149°C)
- Easy to install
- Easily accessed to quickly drop a new sealing member in place
- Extended seal life and reduced costs associated with seal repair and replacement
- Easily rebuilt on site

### Ideal For

- Thin films to viscous material
- White water
- Dirty Water
- Calcified Slurry
- Paints

### Markets Served

- Chemical
- Pulp and Paper
- Power
- HPI
- General Industry
- Pharmaceutical
GARLOCK KLOZURE® HIGH-PERFORMANCE DYNAMIC SEALS

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chamber Pressure</td>
<td>To 150 psi (10 bar)</td>
</tr>
<tr>
<td>Chamber Temperature</td>
<td>To 300°F (150°C)</td>
</tr>
<tr>
<td>Shaft Speed</td>
<td>To 1600 fpm (8 m/s)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>28 – 1,000,000 ssu (Alcohol – Heavy Syrup)</td>
</tr>
<tr>
<td>Vacuum</td>
<td>N/A</td>
</tr>
<tr>
<td>Runout</td>
<td>0.005” (0.13mm) TIR</td>
</tr>
<tr>
<td>Axial Motion</td>
<td>± 0.125” (3.18mm)</td>
</tr>
</tbody>
</table>

Materials of Construction

<table>
<thead>
<tr>
<th>Component</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sealing Element</td>
<td>GYLON®</td>
</tr>
<tr>
<td>Gland</td>
<td>316SS</td>
</tr>
<tr>
<td>Sleeve</td>
<td>316SS Chrome Oxide Coated</td>
</tr>
<tr>
<td>O-rings</td>
<td>Fluoroelastomer (std)</td>
</tr>
</tbody>
</table>

For further information visit: www.xpsseal.com

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