These pumps are intended for installation and use in accordance with the Flammable and Combustible Liquids Code, NFPA 30, and the Automotive and Marine Service Station Code, NFPA 30A. Listed under Underwriter’s Laboratories standard UL79, "Power-Operated Pumps for Petroleum Product Dispensing Systems" (Certificate MH428).

### TECHNICAL DATA

<table>
<thead>
<tr>
<th>TXU1.5</th>
<th>XU2A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Pump Speed (RPM)</td>
<td>780</td>
</tr>
<tr>
<td>Maximum Differential Pressure (UL limit)</td>
<td>50 psi (344 kPa)</td>
</tr>
<tr>
<td>Maximum Working Pressure (Pump Limit)</td>
<td>175 psi (1207 kPa)</td>
</tr>
<tr>
<td>Maximum Temperature</td>
<td>240°F (115°C)</td>
</tr>
<tr>
<td>Maximum Viscosity</td>
<td>20,000 SSU (4,250 cP)</td>
</tr>
</tbody>
</table>

### PERFORMANCE

<table>
<thead>
<tr>
<th>TXU1.5 (780 rpm)</th>
<th>XU2A (500 rpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPM (lpm)</td>
<td>BHP (Kw)</td>
</tr>
<tr>
<td>50 PSI, 30 SSU (3.45 bar, 1 Cst)</td>
<td>51 (193)</td>
</tr>
<tr>
<td>50 PSI, 100 SSU (3.45 bar, 20 Cst)</td>
<td>50 (189)</td>
</tr>
</tbody>
</table>

### MATERIALS OF CONSTRUCTION

- **Cylinder, Heads, Relief Valve Cover**: Cast Iron: ASTM A48
- **Bearing Covers**: Steel
- **Bearings**: Single Row Ball Bearing; Grease Lubricated
- **Grounding Lug**: Copper
- **Rotor & Shaft**:
  - **Rotor**: Ductile Iron: ASTM 536
  - **Shaft**: High Strength Steel, Single End, Keyed
- **Relief Valve (R/V)**: Cast Iron: ASTM A48
- **Relief Valve Cap**: XU2A only Steel
- **Relief Valve Spring**: Plated Steel, Adjustable 36 – 50 psi
- **O-Rings: Other than Mechanical Seal**: Buna-N
- **Gaskets**: Fiber
- **Vanes**: Duravane - Full Size w/ Stainless Steel Wear Plate
- **Push Rods**: Case Hardened Steel
- **Mechanical Seals**:
  - **O-Ring**: Buna-N
  - **Stationary Seat**: Cast Iron
  - **Rotating Seal Face**: Carbon
  - **Seal Jacket / Spring**: Plated Steel
- **Gage Ports**: 1/4” NPT

### PIPE COMPANION FLANGES

- **TXU1.5**: 1.5” NPT Tapped into case
- **XU2A**: 2” Cast Iron, NPT Tapped

### DIMENSIONS

See dimension pages for models TX1.5 and X2B.