**SERVICE:** To support pipe while providing axial movement combined with lateral movement, lateral guidance, uplift restraint and/or anchorage. Slides, guides and uplift restraints to be welded or bolted to structure and welded or clamped to the pipe. Glass filled virgin Teflon™ (PTFE) slide bearing provides low coefficient of friction to reduce stress on the pipe and supporting structure. Anchors to be continuously welded to pipe and structure only.

**MATERIAL:** Carbon Steel meeting ASTM: A36, A307 Gr A and A563 Gr A
Slide Bearing: PTFE-to-PTFE, average coefficient of friction = 0.06

**FINISH:** Black or Hot-Dip Galvanized meeting ASTM A123

**MAX TEMP:** 650°F at pipe wall
300°F at PTFE bearing.

**STANDARDS:** MSS SP-58 Type 35

**ORDERING:** Specify figure number, type, pipe size, pipe attachment type and finish.
(Order mounting hardware separately.)

**MAXIMUM RECOMMENDED LOADS**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>PIPE SIZE</th>
<th>VERTICAL DOWN</th>
<th>VERTICAL UP</th>
<th>LATERAL</th>
<th>AXIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>2 - 24</td>
<td>8000</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>G</td>
<td>2 - 6</td>
<td>8000</td>
<td>1000</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>U</td>
<td>2 - 24</td>
<td>8000</td>
<td>800</td>
<td>1000</td>
<td>n/a</td>
</tr>
<tr>
<td>A</td>
<td>2 - 6</td>
<td>4000</td>
<td>800</td>
<td>800</td>
<td>2000</td>
</tr>
<tr>
<td></td>
<td>8 - 24</td>
<td>8000</td>
<td>800</td>
<td>2000</td>
<td>5000</td>
</tr>
</tbody>
</table>

Notes:
1. Special fabricated tee and base available for specified axial and lateral travel, insulation banding slots, heat loss notches and/or grade 304 and 316 stainless steel. Provide performance criteria and dimensions A, BOP, C, D and/or L.
2. For PTFE bearing temperatures 300°F to 500°F, specify high temperature bearing adhesive. Available in black finish only over 350°F.
3. Alternative PTFE-on-stainless steel slide bearing option available.
4. Weld in accordance with AWS D1.1 with 70000 psi filler metal. Minimum weld sizes shown. Tee-to-pipe and base-to-structure welds may be continuous.
5. Anchor loads for standard weight carbon steel pipe at design conditions 400 psi and 500°F. Corrosion allowance 1/32” for pipe sizes ≤ 6” and ¼” for sizes ≥ 8”.

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