**Style 1102 Rubber Expansion Joint**

60” ID x 16” F/F (DN1500mm x 406.4mm) - 150-lb Drilling | 1102-0060-3.16

**Bill of Materials**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>MATERIAL</th>
<th>FINISH</th>
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</thead>
<tbody>
<tr>
<td>Retaining Ring</td>
<td>Carbon Steel</td>
<td>Hot Dipped Galvanized</td>
</tr>
<tr>
<td></td>
<td>Stainless Steel</td>
<td>Plain</td>
</tr>
<tr>
<td>Gusset</td>
<td>Carbon Steel</td>
<td>Hot Dipped Galvanized</td>
</tr>
<tr>
<td>Rods</td>
<td>ASTM A193 B7 Alloy Steel</td>
<td>Hot Dipped Galvanized</td>
</tr>
<tr>
<td>Nuts</td>
<td>ASTM A194 8M 316 SS</td>
<td>Plain</td>
</tr>
<tr>
<td>Spherical Washers</td>
<td>Stainless Steel</td>
<td>Rubber Embedded</td>
</tr>
<tr>
<td>Metal Reinforcement</td>
<td>High Tensile Steel</td>
<td>Rubber Embedded</td>
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</tbody>
</table>

**Optional Control Units**

- No Control Units
- Outer Washer, Inner Bare (W/B) (shown above)
- Inner Nuts (W/W)
- Spherical Washer (SW/B)
- Spherical Washer (SW/SW)

**COMP. in [mm]**

- 5 [127]
- 2 1/2 [64]
- 3 [76]

**Lateral in [mm]**

- 7.2

**Angular deg.**

- 3.6

**Torsional deg.**

- 1,651 [2,238]

**SPRING RATE**

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<td>10 [0.3]</td>
<td>234 [106]</td>
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</table>

**PRESSURE**

- Vacuum: In-Hg [barg]
- RBL with Rings lbs [kg]
- Control Unit lbs [kg]

**WEIGHT**

- 600-233-6294

**Optional Control Units**

- No Control Units
- Outer Washer, Inner Bare (W/B) (shown above)
- Inner Nuts (W/W)
- Spherical Washer (SW/B)
- Spherical Washer (SW/SW)

**No. of Rods:**

- 2 Rods / 35 psig
- 3 Rods / 53 psig
- 4 Rods / 70 psig
- 5 Rods / 85 psig

*Gusset thickness and pressures listed above are for carbon steel gussets and ASTM A193 B7 rods. Contact General Rubber for stainless steel pressures and thicknesses.

Contact General Rubber Corporation for full product specifications, Warnings and installation instructions.