Customer: __________________ Date: ____________
Job/Project: __________________
Quantity: ______ Ref/Tag: __________

**Style 1103 Rubber Expansion Joint**

72” ID x 22” F/F (DN1800mm x 559mm) - 150-lb Drilling | 1103-0072-3.16

**Section Detail**

**Bill of Materials**

**ITEM** | **MATERIAL** | **FINISH**
--- | --- | ---
Retaining Ring | Carbon Steel | Hot Dipped Galvanized
Gusset | Carbon Steel | Hot Dipped Galvanized
Rods | ASTM A193 B7 Alloy Steel | Hot Dipped Galvanized
Nuts | ASTM A194 8M 316 SS | Hot Dipped Galvanized
Spherical Washers | Stainless Steel | Rubber Embedded
Metal Reinforcement | High Tensile Steel | Rubber Embedded
Textile Reinforcement | Tire Cord | RFL Coating

**MOVEMENT (non-concurrent)***

<table>
<thead>
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**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)
- Integral Ring (INT-W/B)
- Integral Ring (INT-W/W)
- Integral Ring, Spherical Washer (INT-SW/SW)

**Maximum Temperature rating based on lowest temperature material selected. EPDM or Butyl w/Polyester Tire Cord rated 300°F (149°C) for Air Service up to 25 psig (1.7 barg)**