

Customer: _____ Date: _____

Job/Project: _____

Ref/Tag:

Style 5100G Gimbal Rubber Expansion Joint Shown with externally 5100G-0000-3.16 attached gimbal assembly Section Detail Pin Assembly (internally attached) **Gimbal Plates** Gimbal Ring E Mating Flange (by others) 000000000 Cove Reinforcement DODDO Tube F/F Pure Gum Neoprene Butyl Nitrile EPDM Viton® (Buna-N) (FKM) Tube П П U Cover П П П П Tire Cord: ° F [∘ C] ° F [∘ C] ° F [⁰ C] ° F [∘ C] ° F [∘ C] ° F [∘ C] Polyester 180 [82] 225 [107] 250 [121] 210 [99] 250 [121] 250 [121] Kevlar[®] 180 [82] 225 [107] 300 [149] 210 [99] 350 [177] 400 [204] ØID Maximum Temperature rating based on lowest temperature material selected. EPDM or (DN) Butyl w/Polyester Tire Cord rated 300°F (149°C) for Air Service up to 25 psig (1.7 barg) **Bill of Materials** MATERIAL ITEM FINISH **Retaining Ring** Carbon Steel Hot Dipped Galvanized Retaining Ring **Stainless Steel** Plain (segmented) Gimbal Plates / **Carbon Steel** Hot Dipped Galvanized **Gimbal Ring Stainless Steel** Plain Hot Dipped Galvanized **Pin Assembly Carbon Steel Stainless Steel** Plain Metal Reinforcement **High Tensile Steel Rubber Embedded** Textile Reinforcement Tire Cord **RFL** Coating **Operational Parameters** (customer specified) Size P1 System P2 System Quantity F/F ID (DN) Axial Comp. Axial Comp. Lateral P1 System P2 System Flange Drilling Axial Ext. Angular (°) Pressure Vacuum Axial Ext. S_{ystem} Axial Dipe Run 1 (P1) System Axial Pipe Run 2 (P2)

Available in custom face-to-face dimensions and multiple arches.

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

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