

## ENGINEERING SPECIFICATION

### **TRC Metal Tie Rod Pump Connector / Expansion Joint**

#### **Engineering Specification:**

For pipe 2" to 18" in diameter. Provide metal expansion joint with 2-ply, T304 stainless steel bellows. Joints shall be suitable for a maximum operating pressure of 225 psig at a temperature of 750 degrees F. Joints to have integral control rods, with rubber grommets, to prevent over extension. Ends shall be Vanstone floating flanges, 150 lbs drilled with all wetted surfaces being stainless steel.

Joints shall have a capability of axial compression of 1", axial extension of 0.375" and lateral deflection of ¼".

Joints shall have a length of 6" F/F for up to 8" diameter pipe, and length of 8" F/F for pipe diameter of 10" and over.

#### **Approved Models:**

**"TRC"** series to drawing number **20713** as manufactured by **Mark David Canada Inc.**



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