

# PVP 2010

## 2010 Pressure Vessels & Piping Conference

### *Pressure Vessel Technology for Energy Challenge*



July 18 - 22, 2010

Hyatt Regency Bellevue

Bellevue

Washington, USA

Proceedings of the ASME 2010 Pressure Vessel and Piping Division Conference  
PVP2010

July 18-22, 2010, Bellevue, Washington, USA

**PVP2010-25223**

DETERMINATION OF GIMBAL AND HINGED EXPANSION JOINTS REACTION MOMENTS

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#### ABSTRACT

This paper proposes a method to estimate the actual reaction loads in gimbal and hinged metal bellows expansion joints. Friction and some media pressure forces, which are not considered in current EJMA Standard calculations, are added to bellows spring rate to estimate the expansion joint movement reaction moment. The proposed calculation method is based upon pressure and movement tests of large size expansion joints.

O trabalho completo está disponível no site oficial do ASME. [Acesse](#)

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