

Standard Round Expansion Joint Specification Sheet

Customer:

Project:

Item/Tag Number:

Quantity:

Size:

Date: Page:

Prepared By:

Style/Type: single universal hinged
 gimbal other:

Tie Rods/Limit Rods: Liner: Cover:

END CONNECTIONS

Type: flanges weld ends other:

Material:

Thickness/Rating:

Corrosion Allowance:

PRESSURE

Design:

Operating:

Test:

TEMPERATURE

Design:

Operating:

Minimum Temperature*:

*required for Code, PED and CRN quotes

MEDIA

Media:

Flow Velocity:

Flow Direction: Horizontal Vertical Down Vertical Up
 Turbulent Flow Reverse Flow

MATERIALS

Bellows:

Corrosion Allowance:

Liner:

Cover:

Tie Rods:

DIMENSIONS

Overall Length:

Maximum O.D.:

Minimum I.D.:

SPRING RATES

Maximum Axial Spring Rate:

Maximum Lateral Spring Rate:

Maximum Angular Spring Rate:

QUALITY ASSURANCE

Bellows Long Seam Weld:

Bellows Attachment Weld:

Piping:

MOVEMENTS & CYCLE LIFE

Design

Axial Extension:

Axial Compression:

Lateral:

Angular:

Minimum Design Cycles:

Installation Tolerance

Applicable Codes & Standards: EJMA B31.1 B31.3 Sect. VIII Div. 1 PED CRN