

Expansion Joint Planning Guide

Primary Information

- Quantity_____
- Size_____
- Length_____
 - Hot
 - Cold
- Pressure_____
 - Design
 - Operating
- Temperature_____
- System Location_____
 - Hanging
 - Ground
 - Tunnel
 - Pipe Rack
 - Other
- Service (select one) :
 - Thermal Expansion
 - Stress Reduction (including seismic or settling)
 - Vibration
 - which plane
 - frequency
 - amplitude
- Motions_____
 - Compression_____
 - Extension_____
 - Lateral_____
 - Angular_____
 - Torsional_____
 - (ball/slip joint only)
- Media flowing through joint
- Flow Velocity

Additional Information

- System material of Construction
 - Pipe
 - Wall Thickness
 - Duct
 - OD
 - or ID
 - End Fittings Options Flanges:
 - Rating/Type
 - Fixed
 - Rotating
 - Grade
 - Weld Ends
 - Grooved Ends
 - Square cut pipe or duct
 - Other
 - Horizontal
 - Vertical
 - Other
 - Rods
 - Liner
 - Shroud
 - Stops
 - Universal
 - Hinge
 - Gimbal
 - Anchor Base
 - Main
 - Intermediate
 - Pressure Balanced
- Specification (EJMA, ASME B31.1, ASME B31.3, ASME Seciton VIII, PED)
 - New or Replacement
 - Delivery
 - Current Manufacturer
 - Current Part Number
 - Frequency of System cycling
 - Driven by:
 - Price
 - or Quality
 - End User:
 - Contractor
 - Other
 - Special Test pressure
 - Special Spring Rates Desired:
 - Compression (lbs/in)
 - Extension (lbs/in)
 - Lateral (lbs/in)
 - Angular (lbs/degree)
 - Torsional (lbs/degree)
 - Special paint (high-temperature aluminum and black enamel std.)
 - Special surface preparation
 - Special packaging:
 - Export Crate
 - Carrier
 - Terms
 - Delivery
 - Special conditions or information