



Expansion Joints

“BELOFLEX” expansion joints manufactured by BD Engineers, Ahmedabad, Gujarat are a result of excellent production facilities, computer aided design, precise material selection and stringent quality control process. BD Engineers is an ISO 9001-2008 and IBR certified company and India's first to acquire Lloyd's Register, Marine Divn. approval.

Beloflex Expansion Joints Application Area :

- Water Supply and Irrigation
- Air Conditioning and Chilling Plants
- Power Plants
- Oil and Gas Refineries
- Sugar Industries
- Cement Industries
- Steel Plants
- Marine Engines

Metallurgy offered :

- Major Austenitic Stainless Steel
- SS 304, SS 304L, SS 309, SS 310, SS 316,
- SS 316L, SS 321, Duplex Steel,
- Incoloy 800/825/800H/800AT,
- Inconel 600/625/625 LCF
- Monel 400, Hastalloy - B, Hastalloy - C, Titanium
- Multi Layered Fabric, Rubber, PTFE / PFA

The Manufacturing Range :

- Circular Metallic Expansion ————— 2" NB To 6 Meter in Diameter.
- Bellows/Compensators/Joints ————— Any Size With any Type of corners.
- Square-Rectangular Expansion ————— Any Size With any Type of corners.
- Bellows/Compensators/Joints ————— Any Size With any Type of corners.
- Dismantling Joints ————— 2" NB To Any Size in Diameter.
- Rubber Expansion Joints ————— Up To 2 Meter
- Fabric Expansion Joints ————— Up to 6 Meter
- PTFE & PTFE Lined Metallic Bellows ————— 2" NB to 24" NB
- Metallic Flexible Hose Assembly ————— 1" To 12" Size

'BELOFLEX' Expansion Joint Features :

- Lloyds Register Marine Division Approved
- Designed for Long Service Life.
- Standard and Customized Lengths.
- Maximum Axial and Lateral Movement Capabilities.
- Single and Multiply Design.
- ISO 9001-2008 Quality System Registered under BVQI
- ASME and EN Certified Welders
- Standard and customized End connections.

Expansion Joint Advantages :

- Absorb vibration / noise / shocks
- Positive sealing for leak proof operation
- Restrict pipe movement / stress
- Compensate for misalignment / offset
- Eliminates stress or expansion & contraction
- Prevent pipe bucking & fracture
- Water hammer reduction
- Compensation of thermal expansion in pipe
- Easy of assembly
- Decoupling of equipment



Metalic Expansion Joint



Rubber Bellows



Hoses



Dismantling Joints