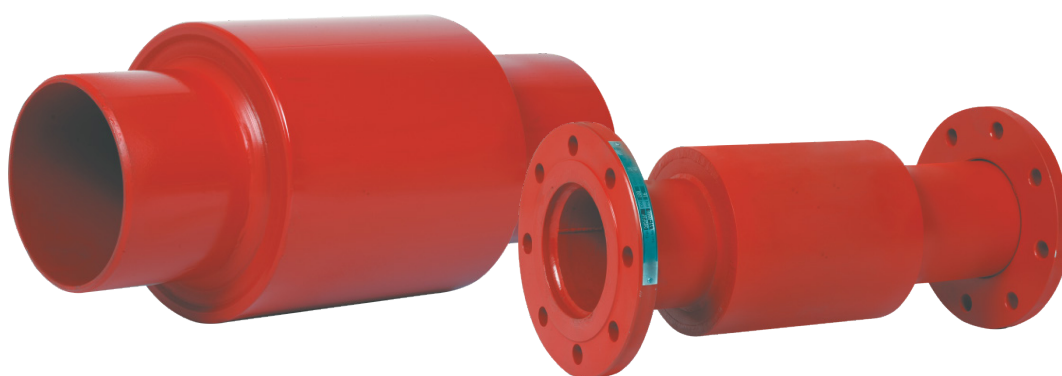


Product Description

Externally pressurized expansion joints are also known as X-Pressed Expansion Joints are preferred in application which requires large thermal expansions (axial compression or axial extension). It is the best choice when axial movements need to be absorbed at longer piping installations.



Technical Data	
Size range	DN25 - DN250
Pressure range	PN10 - 16 - 25 - 40
Temperature	-10°C to +550 °C
Design	EN 14917 & EJMA
Face to face	EN 14917
Connection Standard	EN 1092-2 / ISO 7005-2 Rotating Flanged, Fixed Flanged, Welding End
Testing	EN 12266-1
Marking	EN 19
Expansion Range	30 mm. (-20 + 10) 45 mm. (-30+15) 60 mm. (-40+20) 90mm. (-60 +30) 120 mm. (-80mm +40)

Application Range

- Hot & Cold Water
- Superheated water, Steam
- Industrial Applications
- Marine & Exhaust systems
- HVAC lines

Related Products

- V801 Globe Valve
- V802 Bellow Seal Globe Valve



HVAC



POTABLE WATER

Product Features

- Designed as the most convenient solution when the expansion joint must absorb very large axial movements under high pressure
- Decreases the need for high numbers of expansion joints on long pipings
- Bellows are protected against outer environment
- Low pressures losses due to smooth internal passage area
- Can absorb axial movements due to thermal differences or pipe misalignment, helps to absorb vibrations
- Highly flexible
- High movement capacity and resistance to high temperatures and chemicals
- Default type is unrestrained type. Restrained type is also available
- Designed for high temperature usage
- Rotating flange, Fixed flange or Welding Neck connection type are available
- It consists SS bellows and accompanying flanges or welded pipes

Type Variations

Type No	Product Variations	
R30	Rotating Flanged	$\Delta L=30\text{mm.}$
R60	Rotating Flanged	$\Delta L=60\text{mm.}$
R90	Rotating Flanged	$\Delta L=90\text{mm.}$
R120	Rotating Flanged	$\Delta L=120\text{mm.}$
F30	Fixed Flanged	$\Delta L=30\text{mm.}$
F60	Fixed Flanged	$\Delta L=60\text{mm.}$
F90	Fixed Flanged	$\Delta L=90\text{mm.}$
F120	Fixed Flanged	$\Delta L=120\text{mm.}$
W30	Welding End	$\Delta L=30\text{mm.}$
W60	Welding End	$\Delta L=60\text{mm.}$
W90	Welding End	$\Delta L=90\text{mm.}$
W120	Welding End	$\Delta L=120\text{mm.}$

Material Variations

No	Part	Material
1	Bellow	AISI 304 / AISI 316 - AISI 321 (Optional)
2	Extension Pipe	St. 37 Steel / AISI 304 - AISI 316 (Optional)
3	Inner Pipe	St. 37 Steel / AISI 304 - AISI 316 (Optional)
4	Outer Pipe	St. 37 Steel / AISI 304 - AISI 316 (Optional)

EXTERNALLY PRESSURIZED EXPANSION JOINT

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