

Double Sphere Rubber Expansion Joint Fig. VA8102

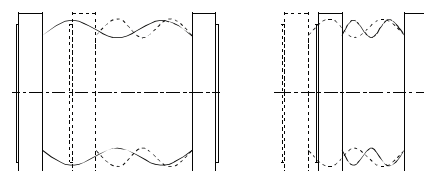
Specification

- ✓ With multi - sphere structure so that the vibration absorption is better and noise reduction efficiency is significant.
- ✓ High working pressure, anti-burst and good elasticity.
- ✓ To avoid damage caused by stretching, compressing, deflecting or displacing of pipes.
- ✓ Carbon steel flanges, Zinc plated to BS4504 PN16 (Other flanges available).
- ✓ EPDM rubber suitable for hot water, steam, oxidant, animal and vegetable oils. Excellent resistance to sunlight. Good for high and low temperature applications.
- ✓ NBR is suitable for most hydrocarbons, oils, petroleum fuels and hydraulic fluids. Not good for sunlight ageing, ozone and flame.
- ✓ Neoprene suitable for water, sewage, oxidant and non-aromatic hydrocarbons.

Pressure Temperature

- ✓ Working Pressure PN16
- ✓ Explosive Pressure 48 Bar
- ✓ Vacuum Rating 750 mmHg
- ✓ Temperature from -10°C to 120°C for EPDM
- ✓ Temperature from -10°C to 82°C for NBR
- ✓ Temperature from -10°C to 110°C for Neoprene
- ✓ Flange: EN 10922- PN16, other flange standards available.

Permits Movement

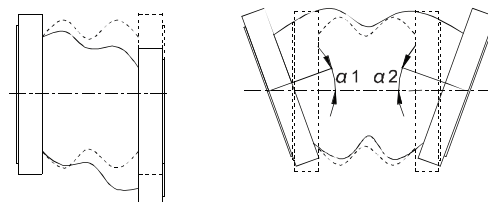


Axial Elongation

Axial Compression

Material Specification

No.	Part Name	Material
1	Rubber	EPDM
2	Carcass	Nylon Cord Fabric
3	Reinforcing wire	Spring Steel Wire
4	Flange	Carbon Steel, Zinc Plated



Lateral Movement

Angular Movement

Main Dimensions (mm)

Size	L±5	Axial Compression	Axial Elongation	Lateral Movement	Angular Movment
DN32	175	20	10	20	30°
DN40	175	20	10	20	30°
DN50	175	20	10	20	30°
DN65	175	20	10	20	30°
DN80	175	20	10	20	30°
DN100	225	30	15	25	30°
DN125	225	30	15	25	30°
DN150	225	30	15	25	30°
DN200	325	40	20	30	30°
DN250	325	40	20	30	30°
DN300	325	40	20	30	30°
DN350	350	40	20	30	30°
DN400	350	40	20	30	30°
DN450	350	45	25	30	30°
DN500	350	45	25	30	30°
DN600	350	45	25	30	30°

Notes

Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.