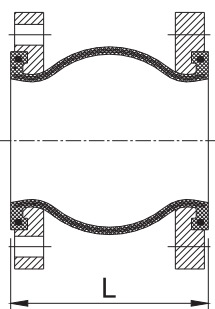


Single Sphere Rubber Expansion Joint Fig. VA8101

Specification

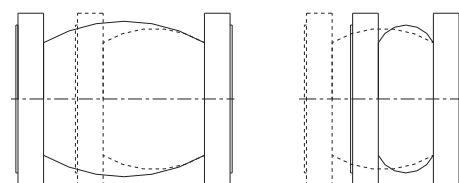
- ✓ With single structure so that the vibration absorption is better and noise reduction efficiency is significant.
- ✓ High working pressure, anti-burst and good elasticity.
- ✓ To avoid damage caused by stretching, compressing, deflecting or displacing of pipes.
- ✓ Carbon steel flanges, Zinc plated to BS4504 PN16 (Other flanges available).
- ✓ EPDM rubber suitable for hot water, steam, oxidant, animal and vegetable oils. Good for high and low temperature applications.
- ✓ NBR is suitable for most hydrocarbons, good for high and hydraulic fluids. Not good for sunlight ageing, ozone and flame.
- ✓ Neoprene suitable for water, sewage, oxidant and non-aromatic hydrocarbons. Good for oil resistance and weathering.
- ✓ Certificated to ANSI / NSF 61 & 372.



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.

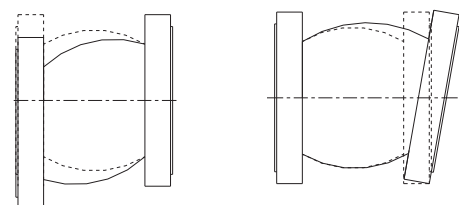
Permits Movement



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 Movement
DN32	95	9	6	9	15°
DN40	95	10	6	9	15°
DN50	105	10	7	10	15°
DN65	115	13	7	11	15°
DN80	130	15	8	12	15°
DN100	135	19	10	13	15°
DN125	165	19	12	13	15°
DN150	180	20	12	14	15°
DN200	205	25	16	22	15°
DN250	240	25	16	22	15°
DN300	260	25	16	22	15°
DN350	265	25	16	22	15°
DN400	265	25	16	22	15°
DN450	265	25	16	22	15°
DN500	265	25	16	22	15°
DN600	265	25	16	22	15°

Notes

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