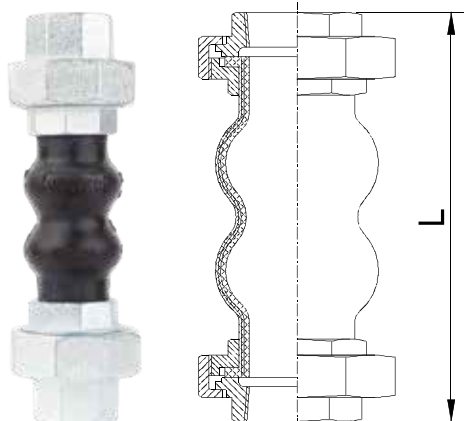




Double Sphere Union Type Rubber Expansion Joint Fig. VA8701

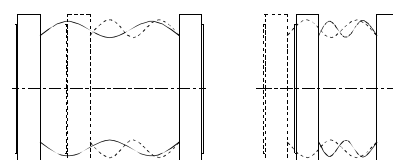
Specification

- ✓ 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.
- ✓ Malleable iron fittings with Zinc plated, NPT or BSPT thread.
- ✓ 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

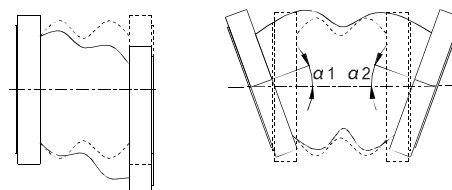
- ✓ Working Pressure PN16
- ✓ Explosive Pressure 48 Bar
- ✓ Vacuum Rating 750 mmHg
- ✓ Temperature from °10-C to °120C for EPDM
- ✓ Temperature from °10-C to °82C for NBR
- ✓ Temperature from °10-C to °110C for Neoprene
- ✓ Flange: EN 2-1092 PN16, other flange standards available.

Permits Movement



Axial Elongation

Axial Compression



Lateral Movement

Angular Movement

Material Specification

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

Main Dimensions (mm)

Size	L	Axial Compression	Axial Elongation	Lateral Movement	Angular Movement $\alpha_1 + \alpha_2$
15 (1/2")	200	22	5	22	45°
20 (3/4")	200	22	5	22	45°
25 (1")	200	22	6	22	45°
32 (1-1/4")	200	22	6	22	45°
40 (1-1/2")	200	22	6	22	35°
50 (2")	200	22	6	22	25°
65 (2-1/2")	245	22	6	22	25°
80 (3")	245	22	6	22	25°

Notes

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