LANSDALE
VALVE & MANUFACTURING

Double Sphere Union Type Rubber Expansion Joint

FIG. LV8702

Specifications

- 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 aging, ozone and flame
- Neoprene suitable for water, sewage, oxidant and non-aromatic hydrocarbons. Good for oil resistance and weathering

Working Pressure

- Working pressure 16 bar
- Bursting pressure 48 bar
- Vacuum rating 650 mmHg

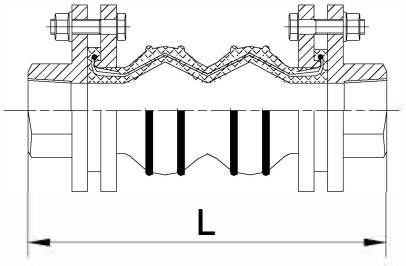
Working Temperature

- -10°C to 120°C for EPDM
- -10°C to 82°C for NBR
- -10°C to 110°C for Neoprene

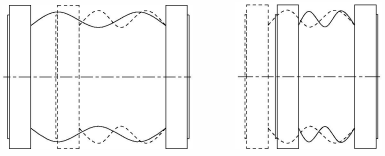
Material Specifications

Part	Material
Rubber	EPDM/NBR/Neoprene
Carcass	Nylon Cord Fabric
Reinforcing wire	Spring Steel Wire
Flange	Malleable Iron

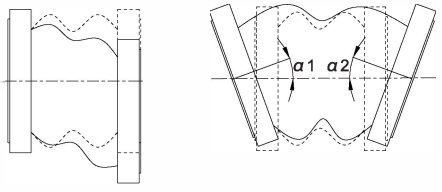
Schematic



Permits Movement



Axial Elongation Axial Compression



Lateral Movement Angular Movement

Dimensions (mm)

Size	L	Axial Compression	Axial Elongation	Lateral Movement	Angular Movement a1+a2
15 (1/2")	180	15	10	15	30°
20 (3/4")	180	15	10	15	30°
25 (1")	180	15	10	15	30°
32 (1-1/4")	245	15	10	15	20°
40 (1-1/2")	245	15	10	15	20°
50 (2")	245	15	10	15	20°

Notes

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