



Threaded Double Sphere Rubber Expansion Joints Series J12

GENERAL INFORMATION

Series J12 threaded double sphere rubber expansion joint is designed to compensate various movements in pipeline, such as the movements by heat-generated expansions, settlements of terrain or building structures, rolling movements and assembly errors, machinery vibrations, water hammers, etc.

FEATURES

- All rubber compounds for lining are specifically formulated to provide maximum sound and heat insulation as well as abrasion resistance
- Rotatable threaded malleable iron ends make the connection convenient
- A strong, bias-ply construction, high-strength nylon fabric inside rubber

TECHNICAL DATA

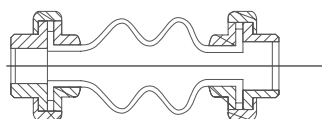
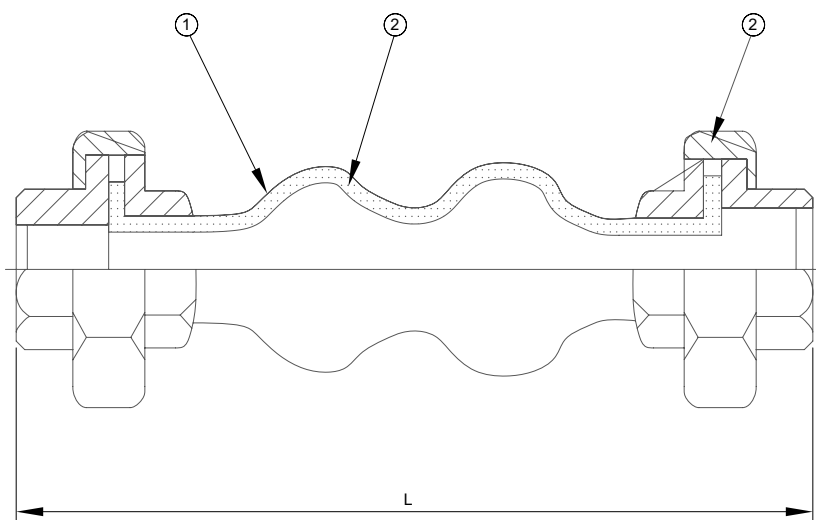
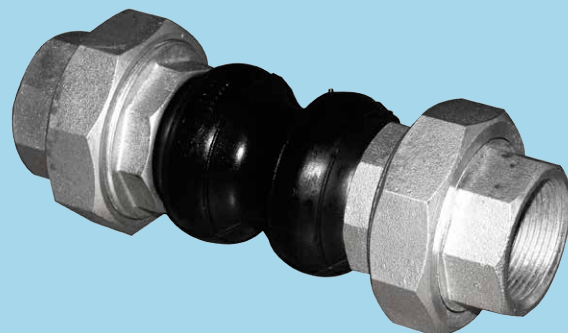
Connection	Thread BSPP,NPT
Nominal diameter	1/2"-3"
Pressure rating	PN10
Vacuity	400mmHg
Temperature range	-20°C to +200°C (depending on rubber material)

PARTS LIST AND MATERIAL SPECIFICATION

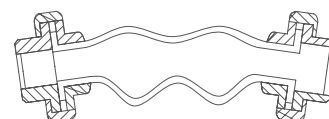
No.	Part name	Material
1	Rubber	EPDM, CR, NBR, FPM
2	Fabric	Nylon
3	Threaded end	Malleable iron

DIMENSIONS (mm)

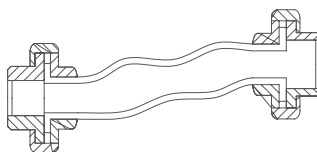
SIZE		Axial shift D		Lateral shift	Angular shift
DN	INCH	Stretch	Compression		
15	1/2"	5	22	22	45°
20	3/4"	5	22	22	45°
25	1"	6	22	22	45°
32	1 1/4"	6	22	22	45°
40	1 1/2"	6	22	22	45°
50	2"	6	22	22	45°
65	2 1/2"	6	22	22	45°
80	3"	6	22	22	45°



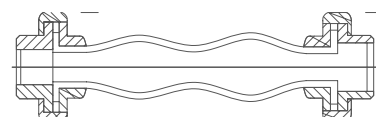
Axial Compression



Angular Offset (+) (-)



Lateral Offset (+) (-)



Axial Elongation (+) (-)