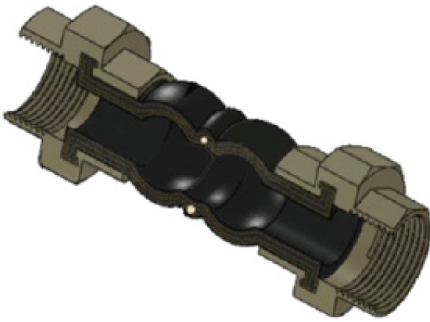




VESS Threaded Union Rubber Expansion Joint are designed for piping systems to absorb pipe movement, relieve stress, reduce system noise / vibration, compensate for misalignment / offset and to protect rotating mechanical equipment against start up surge forces. Compared to flange connected rubber joint, the threaded rubber joint are less weight and easier to install, special designed for threaded piping system. Twin sphere designs are more flexible and allow greater movement.

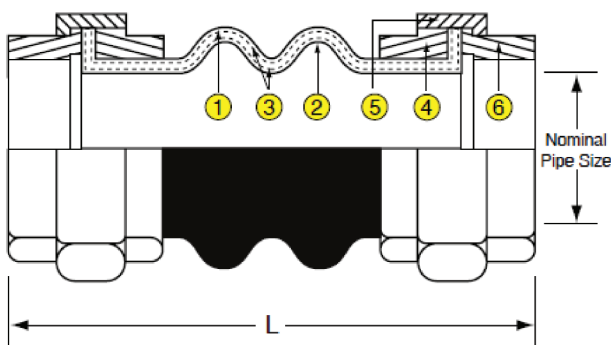
Features:

- Four way greater movements provide high level of installation flexibility.
- Applicable for both suction and delivery (Discharge).
- Excellent ability to absorb vibration and sound, withstand high pressure.
- Withstand chemical corrosion, to resist acid ozone attack.
- Test pressure is 1.5 time than operating pressure.



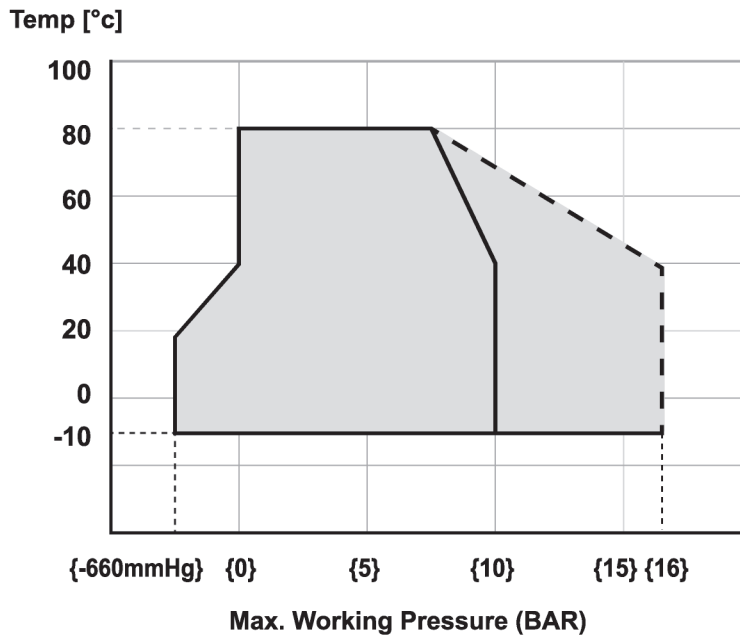
Technical Data

Operating Pressure	10 bar
Operating Temperature	-10°C - 80°C
Vaccum Rating	660 mmHg
Size	15 mm - 80 mm
Application Fluid	Water, warm water, sea water, air & weak acid.
Union	BSPT or NPT Threaded



Material Specification

No	Component	Material
1	Body (Outer Layer)	EPDM
2	Body (Inner Layer)	EPDM
3	Reinforcing Fabric	Nylon Fabric
4	Union Flange	Malleable Iron (Galv'd)
5	Union Nut	Malleable Iron (Galv'd)
6	Union Screw	Malleable Iron (Galv'd)



Operating Conditions

Normal working pressure	Max 10 bar at normal temp.
Bursting pressure	Max 60 bar (870 psi) or above at normal temp. For high temperature application, please consult us.
Working temperature	-10°C - 80°C

Dimensions - Millimetres

Nominal Pipe Size		Neutral Length (L)	Axial Compression	Axial Elongation	Lateral Deflection	Angular Deflection
MM	Inch	MM	MM	MM	+/- MM	+/- DEG
15	0.5	203	22	6	22	32
20	0.75	203	22	6	22	32
25	1	203	22	6	22	25
32	1.25	203	22	6	22	25
40	1.5	203	22	6	22	20
50	2	203	22	6	22	15
65	2.5	240	22	6	22	12
80	3	240	22	6	22	10

* We reserve the right to alter specifications or dimensions without prior notice.

Distributed By:



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