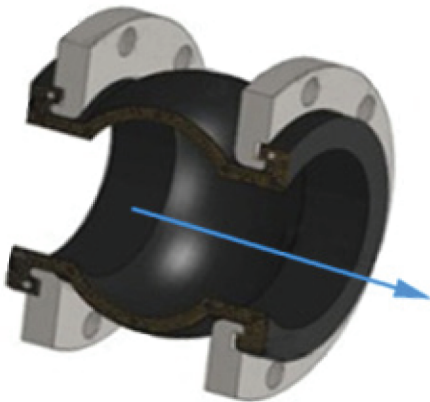




VESS Single Sphere Rubber Expansion Joint are designed for piping systems to absorb pipe movement, relieve stress, reduce system noise / vibration, compensate for misalignment / offset and to protect rotating mechanical equipment against start up surge forces. The single sphere design with less length, which is always used where low cost or space limitation control.

Features:

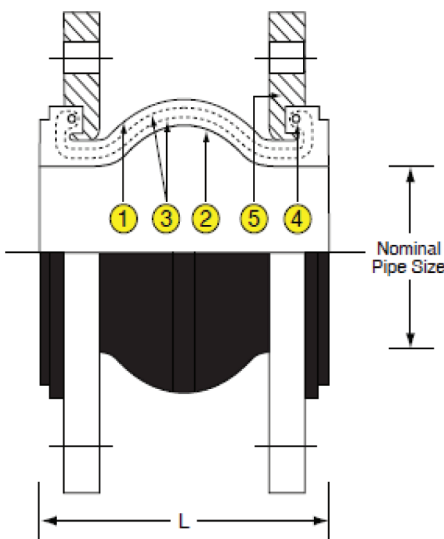
- Four way greater movements provide high level of installation flexibility.
- Applicable for both suction and delivery (Discharge).
- Excellent ability to absorb vibration and sound, withstand high pressure.
- Withstand chemical corrosion, to resist acid ozone attack.
- Test pressure is 1.5 time than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

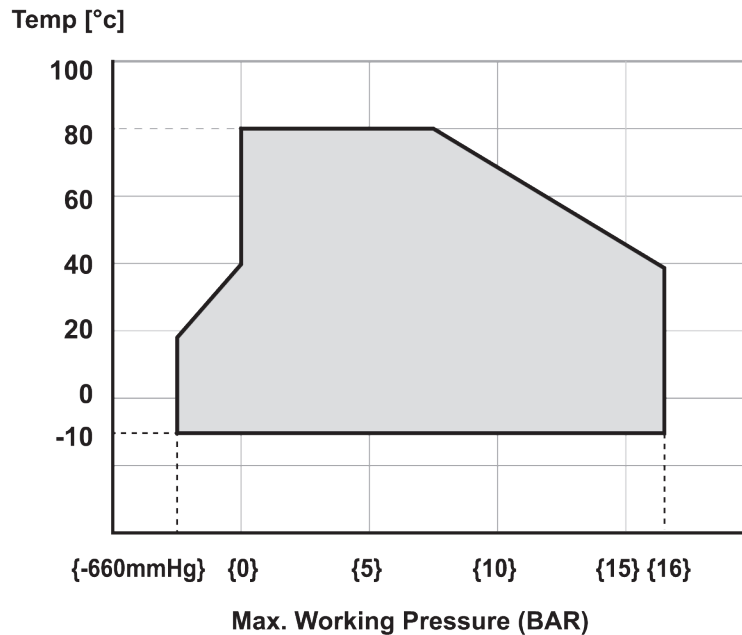
Technical Data

Operating Pressure	16 bar
Operating Temperature	-10°C - 80°C
Vaccum Rating	660 mmHg
Size	32 mm - 300 mm (DN350mm above available upon request)
Application Fluid	Water, warm water, sea water, air & weak acid.
Flange Standard	BS4504 PN16 (others flange standard available upon request)

Material Specification

No	Component	Material
1	Body (Outer Layer)	EPDM
2	Body (Inner Layer)	EPDM
3	Reinforcing Fabric	Nylon Cord Fabric
4	Wire	Hard Steel Wire
5	Flange	Mild Steel Zinc Plate





Operating Conditions

Normal working pressure	Max 16 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
32	1.25	95	8	5	8	17
40	1.5	95	10	5	8	14
50	2	105	10	5	8	11
65	2.5	115	13	7	9	11
80	3	130	13	9	12	14
100	4	135	19	12	13	14
125	5	170	19	12	13	11
150	6	180	19	12	13	9
200	8	205	25	14	22	8
250	10	240	25	16	22	7
300	12	260	25	16	22	6

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

Distributed By:



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