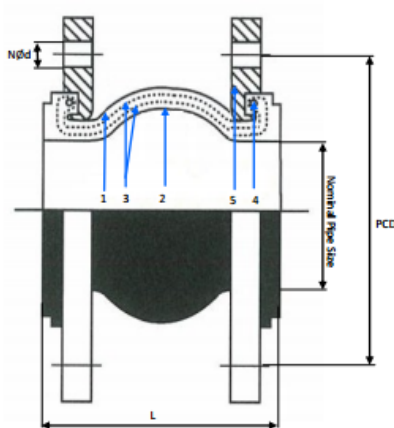
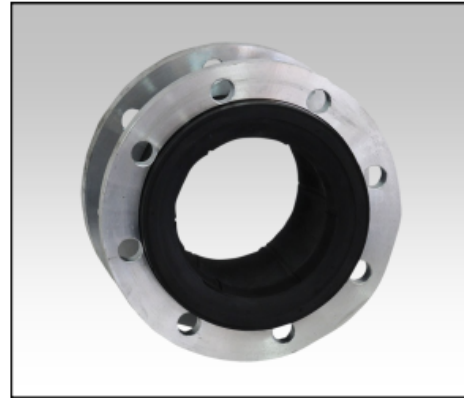




FEATURES AND BENEFITS

- The rubber expansion joint compensates for lateral, torsional and angular movement to prevent damage and costly downtime in plant operation
- Specially designed in a spherical shape, the rubber is reinforced with steel wire and nylon then vulcanised under high pressure
- Water Hammer, pumping impulse and water born noise are cushioned and absorbed by the joint
- The joint is supplied with floating metallic flanges
- It excels in pressure resistance by the combination of spherical structure with super stability against internal pressure and strong reinforcing nylon
- Widely used to absorb movement from piping and pumping equipment, isolate vibration, reduce system noise and compensate for misalignment. This product will also eliminate electrolysis, counter expansion and contraction against start up surge forces

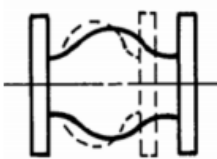


TECHNICAL SPECIFICATION

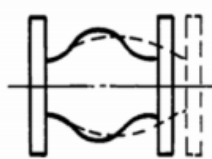
- **Size:** 40mm - 600mm
- **Operating Pressure:**
 - 16 BAR (40MM - 300MM)
 - 10 BAR (350MM - 600MM)
- **Operating Temperature:** -10°C to 80°C
- **Applicable Fluids:** Water, Warm Water, Sea Water, Air and Weak acid
- **Flanges:** Table E and Table C/D

ITEM	COMPONENT	MATERIAL (ASTM)
1	Body (outer layer)	EPDM
2	Body (inner layer)	EPDM
3	Reinforcing Fabric	Nylon Fabric
4	Wire	Hard Steel Wire
5	Flange	Mild Steel (Zinc Galvanised)

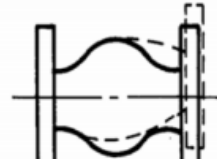
Allowable Movements



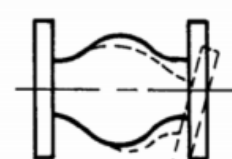
1. Axial Compression



2. Axial Elongation



3. Lateral Deflection



4. Angular Deflection



TECHNICAL DATA:

DIMENSIONS									
Size (NB)	Natural Length (L)	Axial Compression	Axial Elongation	Lateral Deflection	Angular Deflection	PCD	NØd		Weights
							Table E	Table C/D	
40	93	8	4	8	15	98	4 x 18mm	4 x 18mm	2
50	99	8	4	8	15	114	4 x 18mm	4 x 18mm	3
65	108	12	6	10	15	127	4 x 18mm	4 x 18mm	3
80	116	12	6	10	15	146	4 x 18mm	4 x 18mm	4
100	129	12	10	12	15	178	8 x 18mm	4 x 18mm	5
125	142	16	10	12	15	210	8 x 18mm	8 x 18mm	7
150	156	16	10	12	15	235	8 x 22mm	8 x 18mm	10
200	177	20	14	18	15	292	8 x 22mm	8 x 18mm	15
250	206	20	14	18	15	356	12 x 22mm	8 x 22mm	25
300	217	20	14	18	15	406	12 x 26mm	12 x 22mm	32
350	266	25	16	18	15	470	12 x 26mm	12 x 26mm	43
400	266	25	16	18	15	521	12 x 26mm	12 x 26mm	48
450	200	20	12	18	15	584	16 x 26mm	12 x 26mm	63
500	200	20	12	18	15	641	16 x 26mm	16 x 26mm	77
600	200	20	12	18	15	756	16 x 33mm	16 x 29mm	105

Operating Temperature against Operating Pressure

Size: 40MM - 300MM					
Operating Temperature (°C)	Ambient	50	60	70	80
Max Operating Pressure (BAR)	16	12.4	10	7.5	6.5

Size: 350MM - 600MM					
Operating Temperature (°C)	Ambient	50	60	70	80
Max Operating Pressure (BAR)	10	7.5	6.2	5	4

NOTES:

- Higher temperatures affect movement and pressure. As temperature increases, rated values must be reduced accordingly
- Pressures shown are recommended "operating", test pressure is 1.5 times "operating"
- Vacuum rating based on neutral installed length without external load. Products shall not be installed "elongated" on vacuum applications
- Expansion joints may operate in pipelines or equipment's carting fluids at elevated temperatures and pressures. Normal precautions shall be taken to make sure these parts are installed correctly and inspected regularly. Precautions shall be taken to protect personnel in the event of leakage or splash.