

## SINGLE SPHERE RUBBER FLEXIBLE JOINT MODEL : TS



### GENERAL

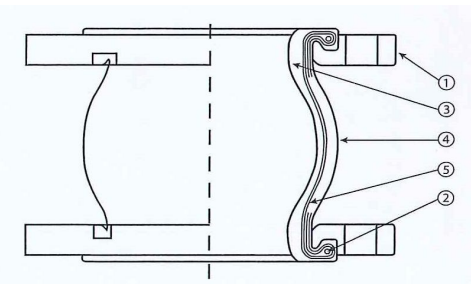
- Absorbs and reduces vibration and shock in the system
- Absorbs the stress generated by the expansion and compression of the pipe line
- Provides flexibility to the system as allowance connection and installation error
- Excellent resistance against pressure
- Control rods available upon request

### FEATURES

- Molded and vulcanised in hydraulic presses
- Solid carbon steel internal reinforcing ring
- With BS 4504 PN16 / EN 1092-2 PN16 / Floating Flanges

### APPLICATION

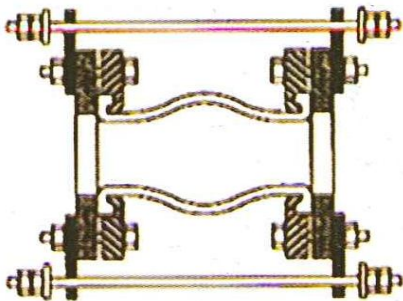
- Building Services, Air-Conditioning, Fire-Protection, Cold Water Plumbing, Sewerage & Water Treatment, Marine Services, General Industries
- Suitable for suction and discharge within specify working pressure



### STRUCTURE

Item	Part	Material
1	Flange	Ductile Iron
2	Reinforcing Ring	High Carbon Steel Wire
3	Inner Rubber	Synthetic Rubber
4	Out Rubber	Synthetic Rubber
5	Reinforcing Cord	Synthetic Fiber

### With Control Rods

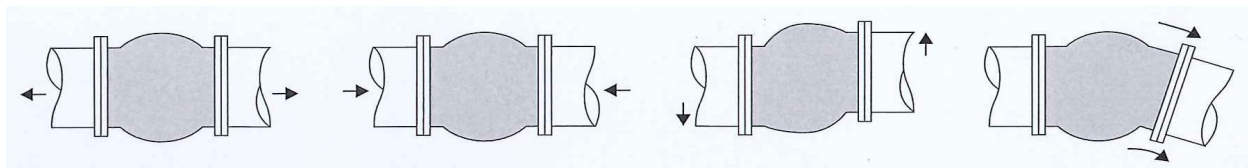


**Control rods must be installed when pressure (test surge, operating, starting a pump, etc.) exceeds the rating below.**

Size I.D	2" ~ 4" "	5" ~ 10"	12"
	25mm ~ 100mm	125mm ~ 250mm	300mm
PSIG	150	135	90
kPa	1035	931	621

## DIMENSION AND MOVEMENTS

Item No.	Size I.D.	L (mm)	Compression (mm)	Extension (mm)	Lateral (mm)	Angular
TS-02	2 inch (50mm)	150	12	8	10	10°
TS-02H	2 1/2 inch (65mm)	150	12	8	10	10°
TS-03	3 inch (80mm)	150	12	8	10	10°
TS-04	4 inch (100mm)	150	15	10	10	10°
TS-05	5 inch (125mm)	150	15	10	10	10°
TS-06	6 inch (150mm)	150	15	10	10	10°
TS-08	8 inch (200mm)	150	15	10	10	10°
TS-10	10 inch (250mm)	200	15	12	12	10°
TS-12	12 inch (300mm)	200	15	12	12	10°



Axial Elongation

Axial Compression

Lateral Displacement

Angular Movement

Other range available upon request

Specifications are subject to change without prior notice