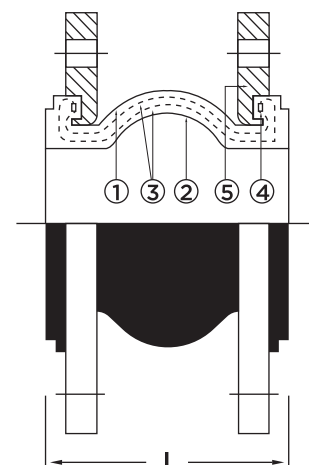


SINGLE SPHERE FLEXIBLE JOINT 100SF-M



MATERIAL

NO.	PART NAME	MATERIAL	SPECIFICATION
1	Body (Outer Layer)	EPDM Rubber	BS EN 681-1, BS 6920-1
2	Body (Inner Layer)	EPDM Rubber	BS EN 681-1, BS 6920-1
3	Reinforcing Fabric	Nylon Fabric	
4	Wire	Hard Steel Wire	
5	Flange	Ductile Iron (Epoxy Coated)	
		Galvanized Malleable Iron	



PRERATING PRESSURE & TEMPERATURE

Operating Temperature (°C)	AMBIENT	50	60	70	80
Max Operating Pressure (Bar)	16	12	10	8	6

SPECIFICATION

- Reduce vibration, noise and movement inherent in piping system
- Hydrostatically tested to BS EN 12266-1:2012
- Flanged to BS 4504 PN16 / EN 1092-2 PN16 / JIS B 2239 10K / ANSI B16.5 Class 150
- Applicable for HVAC System, Fire Protection System, Plumbing / Sanitary System, Pollution Control System, Power Generation Plant, Marine Cooling System, etc.
- Optional Accessories: Control Rod (on request)
- Optional Material available on request

PRESSURE/TEMPERATURE RATING

Working Pressure	16 bar
Testing Pressure	Shell: 24 bar
Vacuum rating	550 MM/HG
Working Temperature	-10 - 80°C
Typical Application	Water, Warm Water, Sea Water, Air, Weak Acid.

DIMENSION

NOMINAL PIPE SIZE		NEUTRAL LENGTH (L)	AXIAL COMPRESSION	AXIAL ELONGATION	LATERAL DEFLECTION	ANGULAR DEFLECTION
MM	INS	MM	MM	MM	+/- MM	+/- DEG
50	2	100	10	10	10	10
65	2 1/2	100	10	10	10	10
80	3	100	10	10	10	10
100	4	100	10	10	10	10
125	5	120	12	12	12	12
150	6	120	12	12	12	12
200	8	120	12	12	12	12
250	10	120	12	12	12	12
300	12	120	12	12	12	12