

SINGLE SPHERE FLEXIBLE JOINT WITH CONTROL ROD 99SSHDC

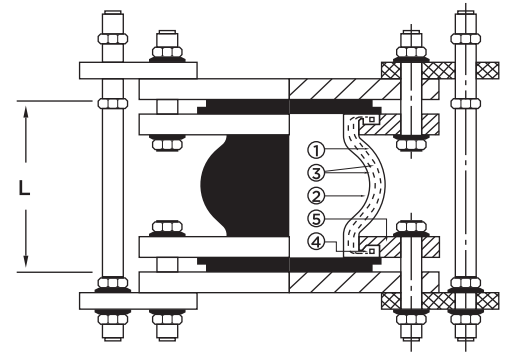


MATERIAL

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)	20	15	12.4	10	7.5



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 2212 10K / ANSI B16.5 Class 150 / BS 10:1962 Table E
- Applicable for HVAC System, Fire Protection System, Plumbing / Sanitary System, Pollution Control System, Power Generation Plant, Marine Cooling System, etc.

PRESSURE/TEMPERATURE RATING

Working Pressure	20 bar
Testing Pressure	Shell: 30 bar
Vacuum rating	700 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	130	12	10	12	15
65	2 1/2	130	12	10	12	15
80	3	130	12	10	12	15
100	4	130	12	10	12	15
125	5	130	12	10	12	15
150	6	130	12	10	12	15
200	8	130	12	10	12	15
250	10	130	12	10	12	15
300	12	130	12	10	12	15