



| S/NO | PART NAME | MATERIAL |
|---------------------|--------------------|--|
| 1 | Body (Outer Layer) | Special Synthetic Rubber |
| 2 | Body (Inner Layer) | Special Synthetic Rubber |
| 3 | Reinforcing Fabric | Nylon Fabric |
| 4 | Wire | Hard Steel Wire |
| 5 | Flange | Mild Steel (Galv'd) |
| Operating Pressure | | : 232 PSI (1.6 MPa) |
| Working Temperature | | : -10'to 80 Deg C |
| Vacuum Rating | | : 650 MM/HG |
| Applicable Fluids | | : Water, Air, Warm Water, Sea Water & Weak Acid |
| Flanges Standard | | : JIS, ANSI, BS & DIN |

DIMENSION AND TECHNICAL DATA

| Nominal Pipe Size (mm) | Neutral Length (L) (mm) | ALLOWABLE MOVEMENT | | | |
|------------------------|-------------------------|------------------------|-----------------------|---------------------------|----------------------------|
| | | Axial Compression (mm) | Axial Elongation (mm) | Lateral Deflection ± (mm) | Angular Deflection ± (Deg) |
| 32 | 175 | 20 | 10 | 20 | 25 |
| 40 | 175 | 20 | 10 | 20 | 25 |
| 50 | 175 | 20 | 10 | 20 | 25 |
| 65 | 175 | 20 | 10 | 20 | 25 |
| 80 | 175 | 20 | 10 | 20 | 25 |
| 100 | 225 | 25 | 14 | 25 | 25 |
| 125 | 225 | 25 | 14 | 25 | 25 |
| 150 | 225 | 25 | 14 | 25 | 25 |
| 200 | 325 | 30 | 20 | 30 | 25 |
| 250 | 325 | 30 | 20 | 30 | 25 |
| 300 | 325 | 30 | 20 | 30 | 25 |

OPERATING TEMPERATURE AGAINST OPERATING PRESSURE

| Operating Temperature (°C) | Normal | 50 | 60 | 70 | 80 |
|-------------------------------|--------|-----|-----|-----|----|
| Max. Operating Pressure (PSI) | 232 | 170 | 135 | 110 | 95 |

NOTE

- Instruction of Installation is shown on page 9.
- Control rod assemblies consists of control plates incorporating tie bars and full nuts.
- For other kinds of applicable fluids, except the above, to which the rubber joint becomes applicable, please kindly consult your supplier or manufacturer.