



### General Specifications

Working Temperature: -10~90°C

### Standards

Design: EN 558

Connection Dimensions: EN 1092-2

Testler: EN 12266-1

| Material Specifications | No | Part Name   | Material               |
|-------------------------|----|-------------|------------------------|
|                         | 1  | Body        | Rubber                 |
|                         | 2  | Kord Fabric | Nylon 6.6              |
|                         | 3  | Flange      | Stell+Galvanize Plated |
|                         | 4  | Piston Ring | Carbon Steel           |

| Dimensions | Nominal Pressure | 16Bar             |       |     |        |     |        |      |        |       |         |       |        |       |        |     |     |     |
|------------|------------------|-------------------|-------|-----|--------|-----|--------|------|--------|-------|---------|-------|--------|-------|--------|-----|-----|-----|
|            | Nominal Diameter | DN                | 32    | 40  | 50     | 65  | 80     | 100  | 125    | 150   | 200     | 250   | 300    | 350   | 400    | 450 | 500 | 600 |
|            |                  | L                 | 95    | 105 | 115    | 135 | 150    | 165  | 180    | 210   | 230     | 245   | 255    |       |        | 260 |     |     |
|            |                  | ØD                | 150   | 165 | 185    | 200 | 220    | 250  | 285    | 340   | 405     | 460   | 520    | 565   | 615    | 670 | 780 |     |
|            |                  | Axial Expansion   | + 6mm |     | + 7mm  |     | + 8mm  |      | + 10mm |       | + 12mm  |       | + 16mm |       |        |     |     |     |
|            |                  | Axial Compression | - 9mm |     | - 10mm |     | - 13mm |      | - 15mm |       | - 19 mm |       | - 20mm |       | - 25mm |     |     |     |
|            |                  | Lateral Movement  | 9mm   |     | 10mm   |     | 11mm   |      | 12mm   |       | 13mm    |       | 14mm   |       | 22mm   |     |     |     |
|            |                  | Angular Movement  | 15°   |     |        |     |        |      |        |       |         |       |        |       |        |     |     |     |
|            |                  | k                 | 100   | ##  | 125    | 145 | 160    | 180  | 210    | 240   | 295     | 355   | 410    | 470   | 515    | 565 | 620 | 725 |
|            |                  | b                 | 16    |     | 18     |     | 20     |      | 22     |       | 24      | 26    | 28     | 30    | 62     | 28  |     |     |
|            | dxn              | 19x4              |       |     | 19x8   |     |        | 23x8 |        | 23x12 | 26x12   | 26x16 | 26x20  | 30x20 |        |     |     |     |
|            | Weight           | Kg                | 3.15  | 4   | 4.8    | 6   | 7.2    | 8.4  | 11     | 14.6  | 19.7    | 26    | 34     | 44    | 51     | 55  | 58  | 69  |