# Rubber expansion joints, flanged PN 10 and 16



Art. 2001

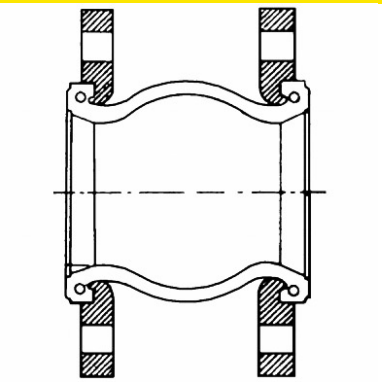
Flanges: UNI EN 1092-2 PN 10 - 16
Installation: in any position, temperature -10°C / +105°C
Maximum working pressure: 16 bar up to DN 300, 10 bar up to DN 1600
APPLICATIONS ° Water supply ° Heating – conditioning systems ° Industry ° Irrigation ° Pumping stations

The rubber expansion joints are molded with a single arch and useful for connections that may require axial compression, axial extension, lateral deflection, angular deflection. Both ends of the joint can be deflected. Body in EPDM or NBR, flanges in galvanized steel.

## Materials

| | |
|---|---|
| body | EPDM |
| ring | steel |
| flanges | steel |

## Dimensions



| DN | L mm. | Axial compression mm. | Axial extension mm. | Lateral deflection mm. | Angular deflection degrees | Weight kg. |
|---|---|---|---|---|---|---|
| 25 | 152 | 8 | 4 | 8 | 15° | 1 |
| 32 | 152 | 8 | 4 | 8 | 15° | 2 |
| 40 | 152 | 8 | 4 | 8 | 15° | 2 |
| 50 | 152 | 8 | 5 | 8 | 15° | 4 |
| 65 | 152 | 12 | 6 | 10 | 15° | 5 |
| 80 | 152 | 12 | 6 | 10 | 15° | 6 |
| 100 | 152 | 18 | 10 | 12 | 15° | 8 |
| 125 | 152 | 18 | 10 | 12 | 15° | 10 |
| 150 | 152 | 18 | 10 | 12 | 15° | 12 |
| 200 | 152 | 25 | 14 | 22 | 15° | 18 |
| 250 | 203 | 25 | 14 | 22 | 15° | 25 |
| 300 | 203 | 25 | 14 | 22 | 15° | 32 |
| 350 | 203 | 28 | 16 | 25 | 15° | 52 |
| 400 | 203 | 28 | 16 | 25 | 15° | 75 |
| 450 | 203 | 28 | 16 | 25 | 15° | 77 |
| 500 | 203 | 28 | 16 | 25 | 10° | 78 |
| 600 | 254 | 28 | 16 | 25 | 10° | 116 |
| 700 | 254 | 25 | 16 | 25 | 10° | 160 |
| 800 | 260 | 25 | 16 | 25 | 10° | 194 |
| 900 | 260 | 25 | 16 | 25 | 10° | 220 |
| 1000 | 260 | 25 | 16 | 25 | 10° | 282 |
| 1200 | 260 | 25 | 16 | 25 | 10° | 374 |
| 1400 | 300 | 25 | 16 | 25 | 10° | 485 |
| 1600 | 300 | 25 | 16 | 25 | 10° | 616 |

## Pressure

| DN | PN | Burst pressure |
|---|---|---|
| 25-300 | 16 | 60 kg/cm2 |
| 350-700 | 10 | 24 kg/cm2 |
| 800-1600 | 10 | 20 kg/cm2 |

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