

**ACS RUBBER EXPANSION JOINT EPDM WITH SWIVELING FLANGES PN10/16 130mm**

ACS EPDM expansion joint with swiveling flanges to absorb vibrations and noises on water distribution, drinking water, heating and HVAC networks.

Not advisable for hydrocarbons, greasy product and abrasive products.

EPDM single sphere body and floating flanges in electro galvanized carbon steel.

For linear and angular compansion.

130 mm long for all diameters.



**Size :** DN32 to DN300

**Connection :** Flanges PN10/16

**Min Temperature :** -10°C

**Max Temperature :** +100°C

**Max Pressure :** 16 Bars

**Specifications :** Absorb vibrations and noises  
Linear and angular compansion  
Single sphere ACS EPDM tube  
Swiveling flanges

**Materials :** Electro galvanized steel flanges

**ACS RUBBER EXPANSION JOINT EPDM WITH SWIVELING FLANGES PN10/16 130mm**

**SPECIFICATIONS :**

- Absorb vibration, noises and expansion
- Linear and angular compansion
- ACS Tube EPDM ( ACS EPDM marking )
- Electro galvanized steel flanges PN10/16
- Expansion limiter ( option )

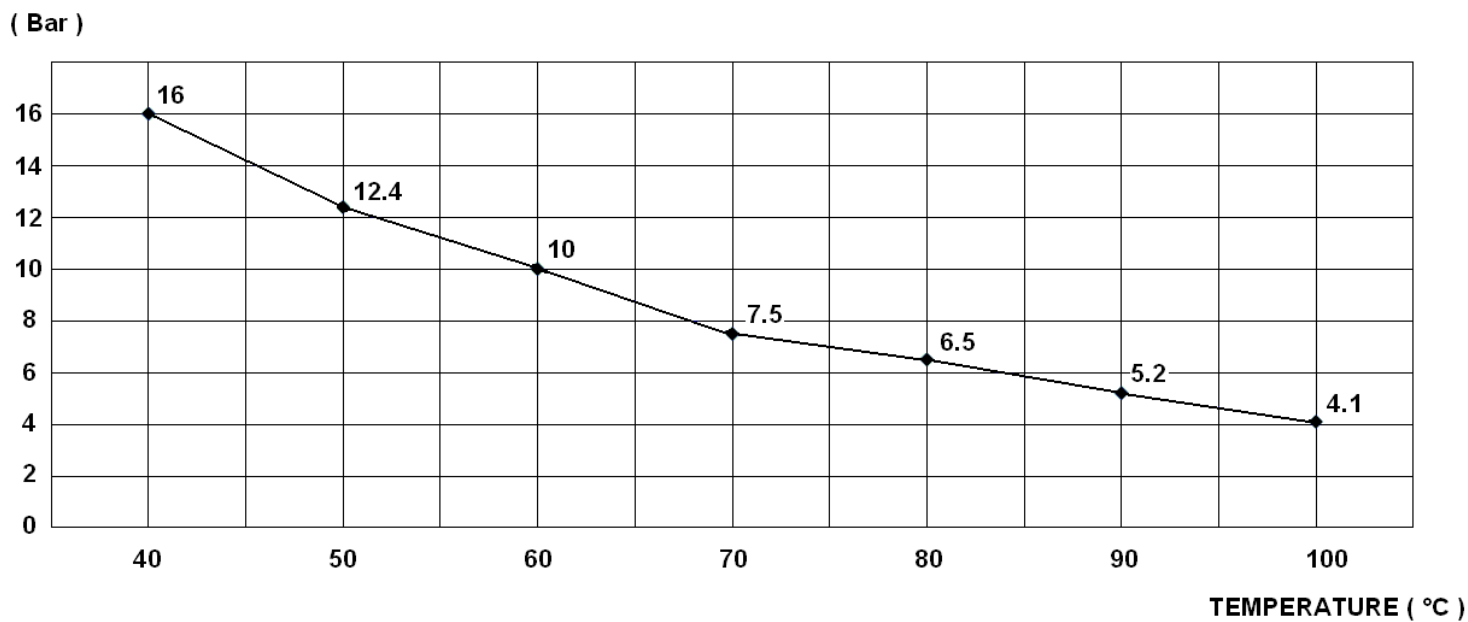
Marking example :



**USE :**

- Water distribution, drinkable water, heating and HVAC
- Min and max Temperature Ts : - 10°C to + 100°C
- Max Pressure Ps : 16 bars ( see graph )

**PRESSURE / TEMPERATURE GRAPH (STEAM EXCLUDED) :**

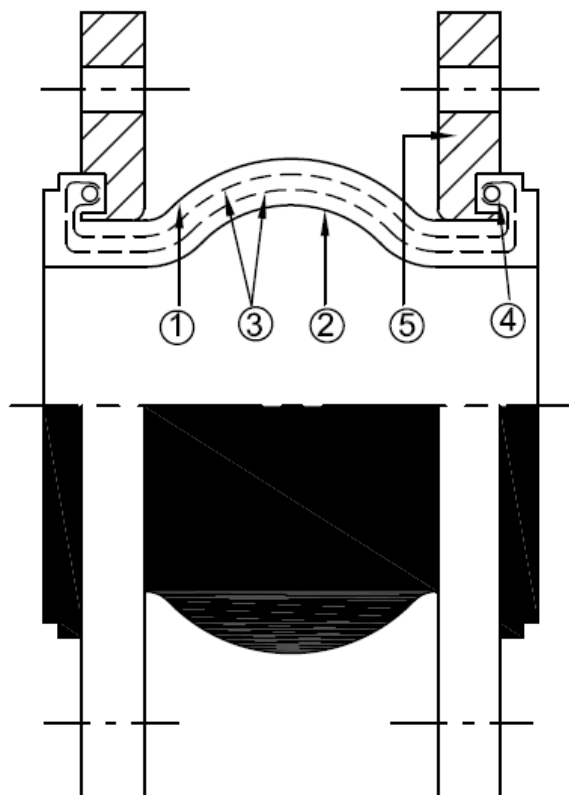


**RANGE :**

- ACS EPDM expansion joint 130 mm long with floating steel flanges PN10/16 from DN32 to DN150, PN10 over **Ref. 1507**
- Expansion limiter ( with 2 studs and 4 plates included ) from DN 32 to DN 300 **Ref. 98606**

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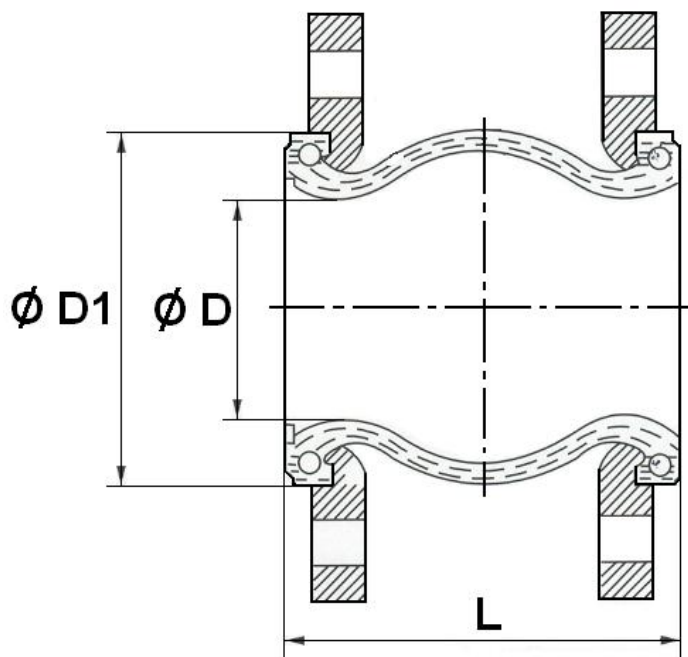
**MATERIALS :**



| Item | Designation   | Materials                |
|------|---------------|--------------------------|
| 1    | Cover         | EPDM                     |
| 2    | Inner tube    | EPDM ACS                 |
| 3    | Reinforcement | Nylon cord               |
| 4    | Brace         | Hard steel               |
| 5    | Flanges       | Electro galvanized steel |

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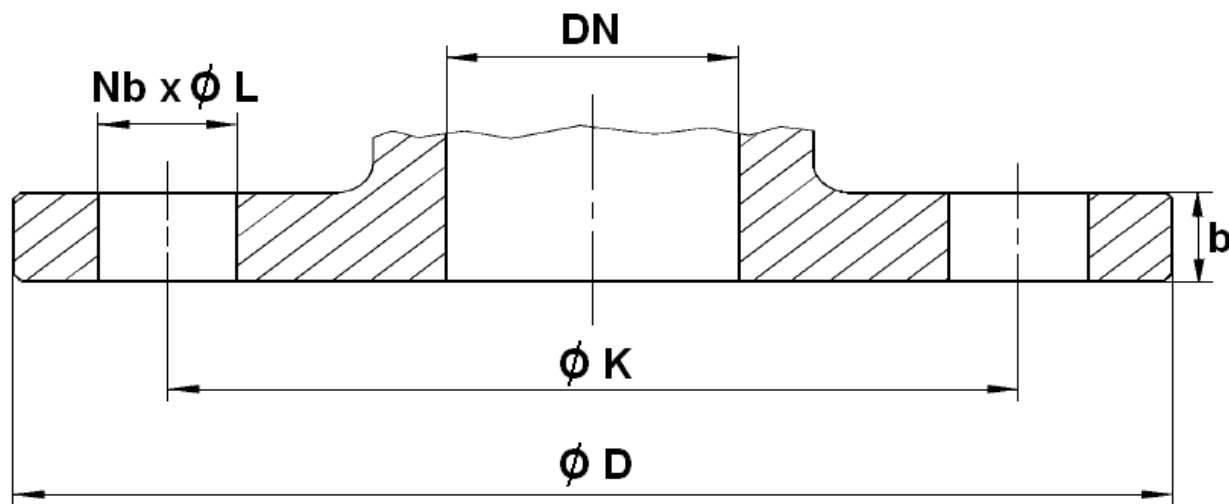
**SIZE ( in mm ) :**



| DN          | 32      | 40      | 50      | 65      | 80      | 100     | 125     | 150     | 200     | 250     | 300     |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| L           | 130     | 130     | 130     | 130     | 130     | 130     | 130     | 130     | 130     | 130     | 130     |
| Ø D         | 29      | 36      | 48      | 63      | 74      | 92      | 123     | 144     | 199     | 254     | 295     |
| Ø D1        | 69      | 78      | 89      | 108     | 124     | 145     | 180     | 209     | 259     | 322     | 370     |
| Weig. (Kg ) | 2.85    | 3.2     | 4.2     | 4.95    | 6       | 6.85    | 9.3     | 11.25   | 15.7    | 20.75   | 23.15   |
| Ref.        | 1507032 | 1507040 | 1507050 | 1507065 | 1507080 | 1507100 | 1507125 | 1507150 | 1507200 | 1507250 | 1507300 |

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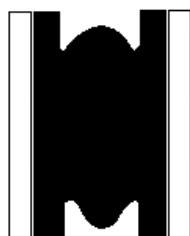
**FLANGES SIZE PN10/16 UP TO DN150, PN10 OVER ( in mm ) :**



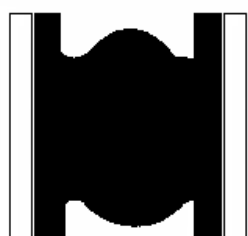
| DN       | 32     | 40     | 50     | 65     | 80     | 100    | 125    | 150    | 200    | 250     | 300     |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Ø D      | 140    | 150    | 165    | 185    | 200    | 220    | 250    | 285    | 340    | 395     | 445     |
| Ø K      | 100    | 110    | 125    | 145    | 160    | 180    | 210    | 240    | 295    | 350     | 400     |
| Nb x Ø L | 4 x 19 | 4 x 19 | 4 x 19 | 4 x 19 | 8 x 19 | 8 x 19 | 8 x 19 | 8 x 23 | 8 x 23 | 12 x 23 | 12 x 23 |
| b        | 14     | 14     | 15     | 15     | 17     | 17     | 19     | 19     | 20     | 22      | 22      |

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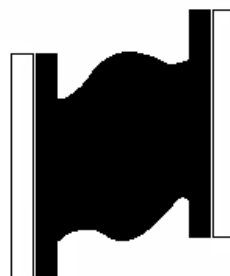
**MOVEMENTS ( in mm ) :**



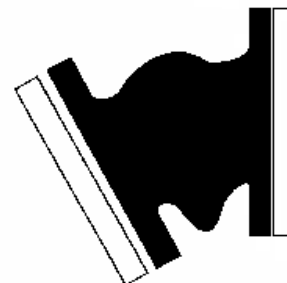
**Compansion**



**Expansion**



**Lateral**



**Angular**

| DN         | 32  | 40  | 50  | 65  | 80  | 100 | 125 | 150 | 200 | 250 | 300 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Compansion | 8   | 8   | 8   | 12  | 12  | 12  | 16  | 16  | 20  | 20  | 20  |
| Expansion  | 4   | 4   | 4   | 6   | 6   | 10  | 10  | 10  | 14  | 14  | 14  |
| Lateral    | 8   | 8   | 8   | 10  | 10  | 12  | 12  | 12  | 18  | 18  | 18  |
| Angular    | 15° | 15° | 15° | 15° | 15° | 15° | 15° | 15° | 15° | 15° | 15° |

**Maximum movements can't be applied together**

**STANDARDS :**

- Manufacturer certified ISO 9001 : 2015 and ISO 14001 : 2015
- DIRECTIVE 2014/68/EU : Products excluded from directive (Article 4, § 3)
- Flanges according to EN 1092-1 PN10/16
- French water agreement **A.C.S. N° 26 MAT NY 022**
- Rubber joint according to LR Rules and Regulation for the classification of Ships, July 2025 (Type Approval Certificate) **Marine LLOYD'S REGISTER**. Marine and offshore subject to the valves complying LR Rules and Regulations for the particular services.
  - GB/T 26121 : 2010
  - ISO 15540 : 2016
  - ISO 15541 : 2016

**ADVICE :** Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages. The customer must check the right choice of the products with the real service conditions.