



## Expansion joint data sheet



Type of expansion joint \_\_\_\_\_  
 Diameter (DN/NPS) \_\_\_\_\_  
 Bellow material \_\_\_\_\_  
 Quantity \_\_\_\_\_

Please fill out the form and send it back to us :  
 • by email - [contact@prt.pacquet.eu](mailto:contact@prt.pacquet.eu)  
 • by fax - +33 3.28.68.86.89

**Operating conditions :**

Design pressure \_\_\_\_\_ bar  
 Operating pressure \_\_\_\_\_ bar  
 Design temperature \_\_\_\_\_ °C  
 Operating temperature \_\_\_\_\_ °C  
 Media and flow rate \_\_\_\_\_

**Type of connection :**

- Welded ends
- Fixed flanges
- Swivel flanges
- Tie-rods / hinged
- Other equipment

**Dimension / Material :**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Movements/vibrations :**

1. axial +/- \_\_\_\_\_ mm  
 2. angular +/- \_\_\_\_\_ deg.  
 3. lateral +/- \_\_\_\_\_ mm  
 Vibration freq. \_\_\_\_\_ Hz  
 Type of vibration \_\_\_\_\_  
 Requested life cycles \_\_\_\_\_

**Additional fittings, accessories :**

Inner sleeve  yes  no  
 Outer protection tube  yes  no  
 Tie-rods / Hinge system  yes  no  
 Other parts \_\_\_\_\_

**Admissible technical values :**

Axial spring rate \_\_\_\_\_ N/mm  
 Lateral spring rate \_\_\_\_\_ N/mm  
 Angular spring rate \_\_\_\_\_ Nm/°  
 Friction force \_\_\_\_\_ Nm/bar  
 Restoring torque \_\_\_\_\_ Nm/bar°

**Space requirements :**

Max. length \_\_\_\_\_ mm  
 Max. diameter \_\_\_\_\_ mm

**Quality requirements :**

Hydraulic test  yes  no  
 Leak test  yes  no  
     with air  yes  no  
     with helium  yes  no

Leak rate \_\_\_\_\_ mbar l/s

**Inspection requirements:**

Classification Directive 97/23/EC \_\_\_\_\_  
 Specific standards requirements \_\_\_\_\_  
 Test report, inspection certificate \_\_\_\_\_  
 Third party final inspection \_\_\_\_\_

