

Expansion joints with rubber bellow

Rubber bellow expansion joints

Introduction

Technimex' rubber bellow expansion joints are the best solution to isolate vibration, dampen noise and pressure surges coming from for example engines, pumps and/or turbines.

Additionally, these expansion joints are suitable to compensate thermal elongation or even misalignments.

The rubber bellow expansion joints are available in sizes from DN 25 (1") up to DN 700 (28") with a PN 10 and/or PN 16 flange drilling as standard. Upon request we can deliver rubber bellow expansion joints up to DN 3200 and for any desired application.

Design

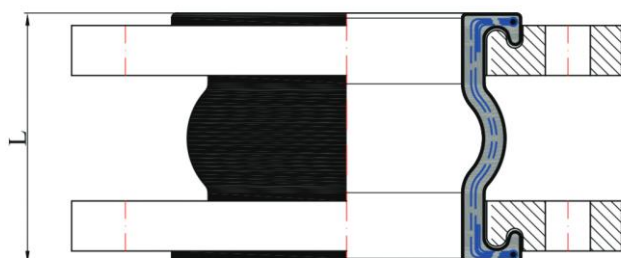
The addition of the rubber properties and Nylon-cord reinforcement provides a flexible pipe joint that is easy to install, efficient and has a long service life.

These compensators allow angular and lateral movement as well as axial compression and expansion.

Technical properties

Bellow material: EPDM or NBR
Flange material: Electro galvanized carbon steel, stainless steel upon request.

Design temperature: Up to 110 °C
Flange drilling: PN 10 / PN 16



DN	L (mm)	Max. working pressure (bar)
25 (1")	100	16
32 (1¼")	100	16
40 (1½")	100	16
50 (2")	100	16
65 (2½")	100	16
80 (3")	100	16
100 (4")	100	16
125 (5")	120	16
150 (6")	120	16
200 (8")	120	16
250 (10")	130	16
300 (12")	210	16
350 (14")	210	10
400 (16")	220	10
450 (18")	220	10
500 (20")	270	10
600 (24")	300	6
700 (28")	300	6

