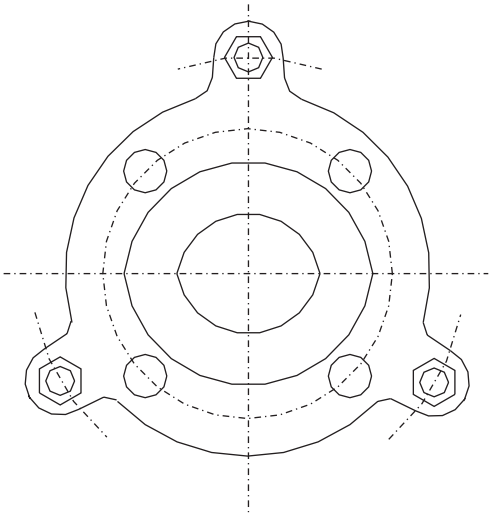
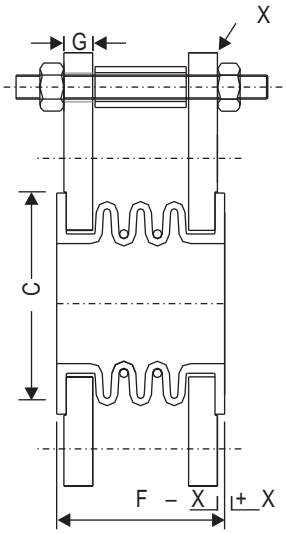
BELLOWS FOR LINED PIPE



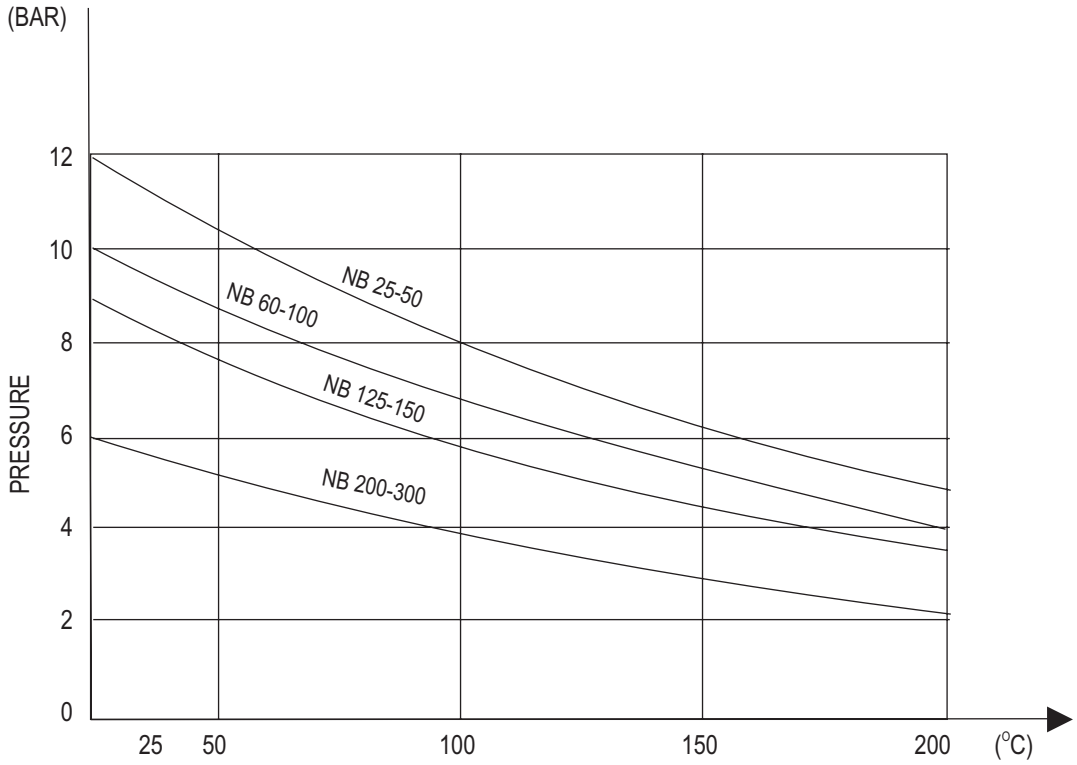


SPECIFICATION FOR BELLOWS

NB	Max Pressure bar /23C	F	Ø C	G	DX +/-mm	N mm
15	12	50	34.9	11.5	7.5	3.5
20	12	50	42.7	13.0	7.5	3.5
25	12	50	50.8	14.5	10	5
32	12	50	63.5	15.0	10	5
40	12	55	73.0	17.5	10	5
50	12	70	92.1	19.5	15	8
65	10	80	104.8	22.5	20	8
80	10	100	127.0	24.0	25	8
100	10	100	157.2	24.0	25	12
125	9	100	185.7	24.0	25	12
150	9	100	215.9	25.5	25	12

1. All dimensions are in millimeters.
2. Flanges connections according to ANSI B 16.5
3. The figures for compensation DX shown above do not apply to lateral or angular installation at the same time.

PRESSURE / TEMPERATURE CURVE



PTFE BELLOWS FOR LINED PIPES

Bellows are made of pure virgin PTFE (Polytetrafluoroethylene). Paste extruded and contour moulded material. This manufacturing method guarantees an excellent structure of the material; symptoms of aging are practically excluded. Very long-term durability and low maintenance costs are assure.

Bellows serve for the compensation of

- Vibrations
- thermal strain and expansion
- axial, angular and radial motion,

and, because of the outstanding chemical resistance, PTFE are mostly used in chemical plants and pipings for aggressive media.

Bellows are manufactured in different types sized from NB 15 mm to 300 mm. The allowable operating pressure are depending on design (see graph above for details). The bellows can be used upto 210 °C. At extreme temperatures, the maximum pressure allowable is restricted.

Bellows are available with three convolutions for pressure.

Bellows are installed in PTFE Lined Carbon steel piping and equipment without additional gaskets. For use with piping and equipment made of glass, enamel and ceramics, We recommend to use PTFE gaskets, offered as accessory.

The sealing surfaces are covered with end plates and individually boxed for protection against mechanical damage. Limit bolts are preset to prevent over extension during operation.