



DP-370 TEFLON BELLOW COMPENSATOR

DIAMETER RANGE

from DN25 to DN250

CHARACTERISTIC

Teflon bellow compensators are used in order to compensate expansions and assembly tolerances, to absorb vibrations and impacts in pipelines. Bellow compensators can work in high temperature conditions, they are flexible and resistant to corrosion, pressure, as well as vacuum. By special customer request it is possible to manufacture compensators with non-standard nominal sizes given by client. Additionally, there are also available compensators in reinforced steel execution. Advantage of these types of compensators are reinforcing steel ring which is used for high pressure pipelines, bellows thermally treated - more uniform wall throughout section, rubber protection - against leakage in case of PTFE bellows damage and external mechanical damages.

WORKING PARAMETERS

Nominal pressure:

C4-PN6, C5-PN10, C1-PN16

Temperature:

T1 - from -30°C to +150°C **T2** - from -30°C to +200°C

PART	EXECUTION	
	pure PTFE	PTFE antistatic
Bellow material:	Material specification	
Application:	pure PTFE	PTFE antistatic
	- used in chemical industry and on pipelines	

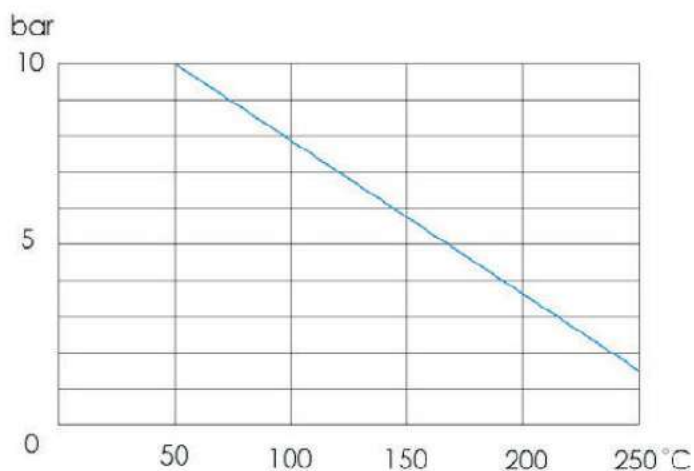
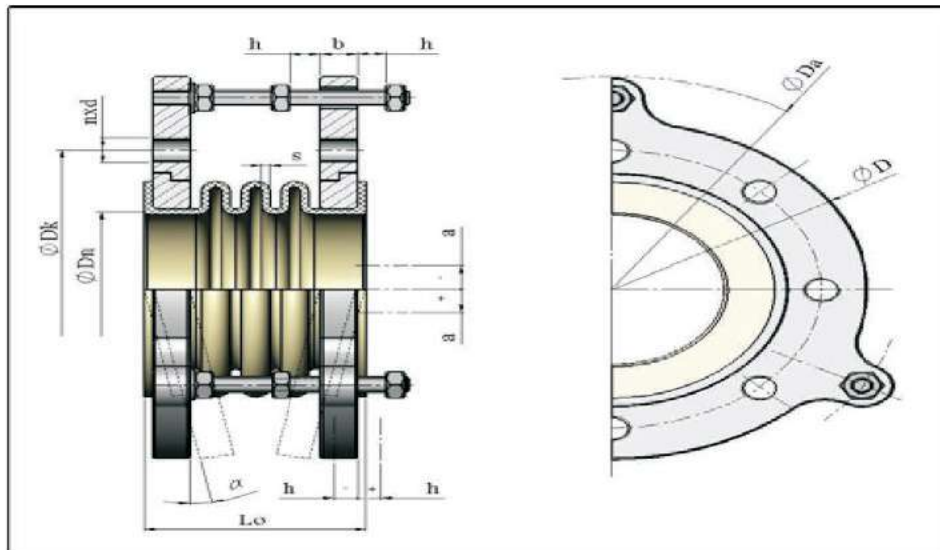


diagram of temperature and pressure relation

Flange PN 10						
DN	ΦD	ΦD_k	nxd	ΦD_a	B	s
25	115	85	4xM12	155	14	2,2
32	140	100	4xM16	180	16	2,3
40	150	110	4xM16	190	16	2,3
50	165	125	4xM16	205	16	2,3
65	185	145	4xM16	225	16	2,5
80	200	160	8xM16	240	16	2,8
100	210	180	8xM16	260	16	3,0
125	250	210	8xM16	290	16	3,2
150	285	240	8xM20	345	18	3,2
200	340	295	8xM20	400	18	3,6
250	395	350	12xM20	455	18	4,0



Installation sizes and clearings								
DN	2 ribs				3 ribs			
	Lo	ht	at	α°	Lo	ht	at	α°
25	45	7	4	8	55	12	6	10
32	55	8	4	8	70	12	6	9
40	55	8	4	8	70	12	6	9
50	60	11	6	6	70	19	9	8
65	60	11	6	6	80	19	9	8
80	65	13	7	6	90	25	12	8
100	70	15	7	5	95	25	12	7
125	75	15	8	5	100	25	12	6
150	75	16	8	4	105	28	14	6
200	80	17	8	4	110	28	14	5
250	90	19	9	3	120	30	15	5