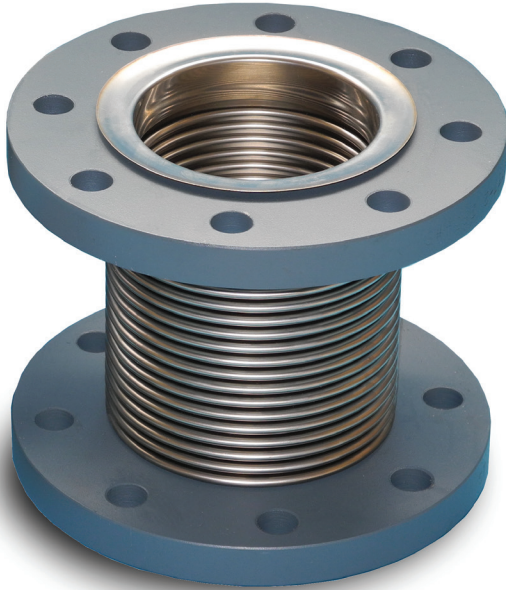




Pressure-Expansion-Joint with loose flanges

Construction: Balg PN 16 with flanges and loose flanges. Optional: multi-layer bellows.

Materials:

Balg PN 16 made of 1.4541

Flare made of 1.4541 (DN 15 to DN 50 with pre-welded flange)

Loose flanges DN 15 to DN 150 PN 10/16 made of steel DN 200 and 250 PN 10 on request PN 16 from steel. Other materials also possible on request.

Flange standards:

All common flange standards are possible upon request.

Pressure levels:

PN 16 (BD 16 bar, BT 20°C).

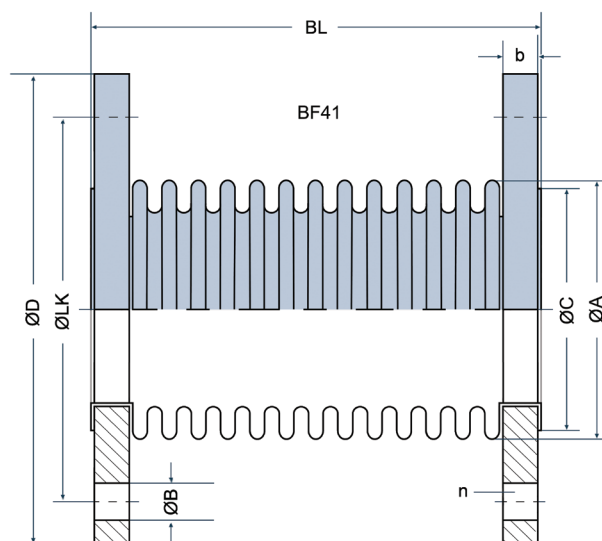
Optional: PN 1 bis PN 40.

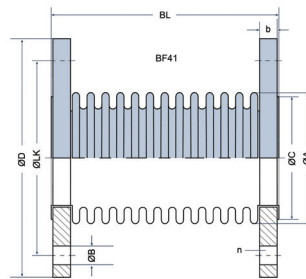
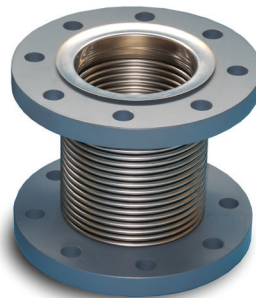
Nominal width and lengths:

Nominal diameter DN 15 - DN 250,
Standard lengths according to table.

Optional: up to DN 3000.

All special lengths possible.





Those specified Motion recordings should not be at the same time occur because the compensator can thereby deflect.

DN	PN10 Ø D mm	BL mm	Ø LK mm	Ø C mm	Ø B mm	n	b mm	Ø A mm	permissible expansion absorption			More effective cross-section cm²
									axial ± mm	angular ±	lateral ± mm	
DN 15 to 150 - loose flanges PN10/16 made of steel on both sides												
15	95	100	65	48	14	4	14	36	10,0	30°	5,5	7,0
20	105	100	75	58	14	4	16	36	10,0	30°	5,5	7,0
25	115	105	85	68	14	4	16	42	12,5	30°	6,5	10,0
32	140	120	100	78	18	4	16	50	12,5	28°	6,5	14,5
40	150	125	110	88	18	4	16	60	12,5	23°	6,0	22,0
50	165	150	125	102	18	4	18	75	15,0	22°	7,0	34,0
65	185	155	145	98	18	4	18	90	20,0	25°	8,5	50,0
80	200	165	160	118	18	8	20	110	22,5	23°	8,5	74,5
100	220	170	180	142	18	8	20	133	22,5	19°	7,0	111,0
125	250	185	210	170	18	8	20	157	22,5	16°	6,5	159,0
150	285	205	240	210	22	8	20	190	32,5	19°	9,0	236,0
DN 200 to 250 - loose flanges PN10 made of steel on both sides												
200	340	235	295	260	22	8	22	250	32,5	14°	8,0	419,0
250	395	240	350	315	22	12	24	300	32,5	12°	6,5	615,0
DN 200 to 250 - loose flanges PN16 made of steel on both sides												
200	340	235	295	260	22	12	22	250	32,5	14°	8,0	419,0
250	405	240	355	315	22	12	26	300	32,5	12°	6,5	615,0