


Construction:

Single-layer multi-wave bellow,
Pipe sockets with external thread on both sides.
Optional: multi-layer bellows.

Materials:

Bellow made of 1.4541, pipe socket made of St 35.8. Optional: 1.4571, 1.4828, other materials on request.

Pressure levels:

PN 16 (BD 16 bar, BT 20°C).
Optional: other pressure levels possible.

Nominal width and lengths:

Nominal diameter DN 15 - DN 100,
Standard lengths according to table.
Optional: special lengths,
as well as a preload
of course also possible.

DN	BL mm	Ø R Thread con.	Thread-length l mm	Ø A mm	permissible expansion absorption			Vibrations on all sides mm	effective cross section cm ²
					axial ± mm	angular ±	lateral ± mm		
15	170	1/2"	15,0	36	10,0	30°	5,5	0,5	7,0
20	170	3/4"	20,0	36	10,0	30°	5,5	0,5	7,0
25	170	1"	20,0	42	12,5	25°	6,5	0,7	10,0
32	185	1 1/4"	25,0	50	12,5	28°	6,5	1,1	14,5
40	200	1 1/2"	25,0	60	12,5	23°	6,0	1,1	22,0
50	225	2"	25,0	75	15,0	22°	7,0	1,0	34,0
65	260	2 1/2"	30,0	90	20,0	25°	8,5	1,0	50,0
80	275	3"	33,0	110	22,5	23°	8,5	0,9	74,5
100	310	4"	40,0	133	22,5	19°	7,0	0,9	111,0

The specified motion recordings should not occur at the same time, as this can cause the compensator to deflect.