

**Construction:**

Single-layer multi-wave bellow,  
Outer protective jacket, welded ends on both sides.  
Optional: Balg multi-layered.

**Materials:**

Bag made of 1.4541, outer protective jacket  
made of carbon steel, welding ends made of St  
35.8. Optional: 1.4571, 14828, other materials on  
request.

**Weld ends:**

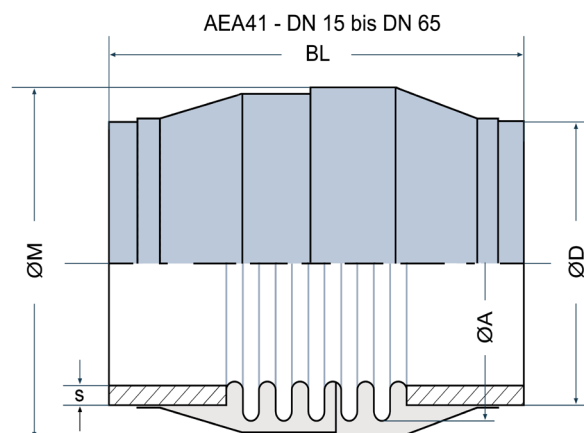
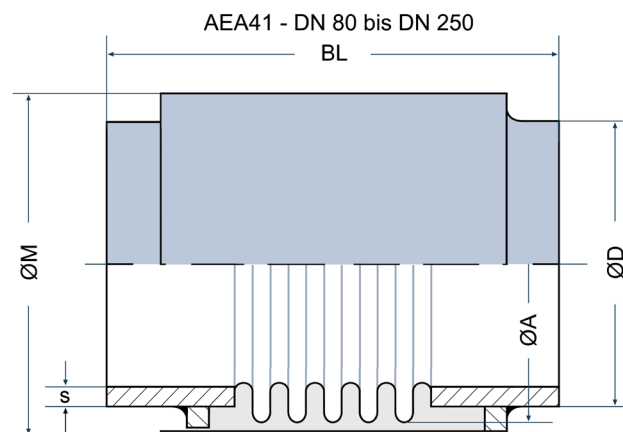
According to ISO pipe standards.  
Optional: also for beverage management and  
Special pipes.

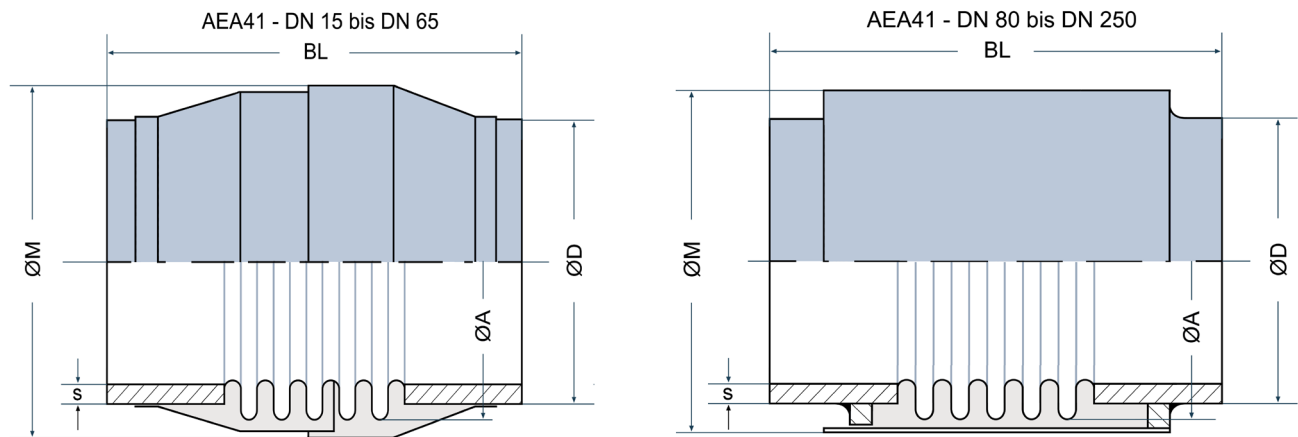
**Pressure levels:**

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.





DN	BL mm	Ø D mm	s	Ø A mm	Ø M mm	permissible expansion absorption axial ± mm	effective cross section cm <sup>2</sup>
15	175	21,3	2,0	36	43	10,0	7,0
20	175	26,9	2,3	36	43	10,0	7,0
25	185	33,7	2,6	42	49	12,5	10,0
32	185	42,4	2,6	50	57	12,5	14,5
40	190	48,3	2,6	60	68	12,5	22,0
50	220	60,3	2,9	75	83	15,0	34,0
65	240	76,1	2,9	90	99	20,0	50,0
80	240	88,9	3,2	110	120	22,5	74,5
100	255	114,3	3,6	133	145	22,5	111,0
125	280	139,7	4,0	157	170	22,5	159,0
150	315	168,3	4,5	190	204	32,5	236,0
200	355	219,1	6,3	250	273	32,5	419,0
250	355	273,0	6,3	300	324	32,5	615,0

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