

Application:

Stainless steel expansion joint for compensating movements and misalignments in dry exhaust systems.
Maximum operating temperature +550 °C, maximum working pressure 2,5 bar (20 °C).

Description:

Stainless steel expansion joint AISI 321. Double ply bellows.
With loose flanges acc. DIN 86044.

Construction and Design:

- Stainless steel expansion joint AISI 321
- Twin bellows construction
- With loose flanges acc. DIN 86044
- Double ply bellows material
- Standard length
- Max. temperature: 550°C
- Max. pressure: 2,5 bar (20°C)
- Alternative flange dimensions available

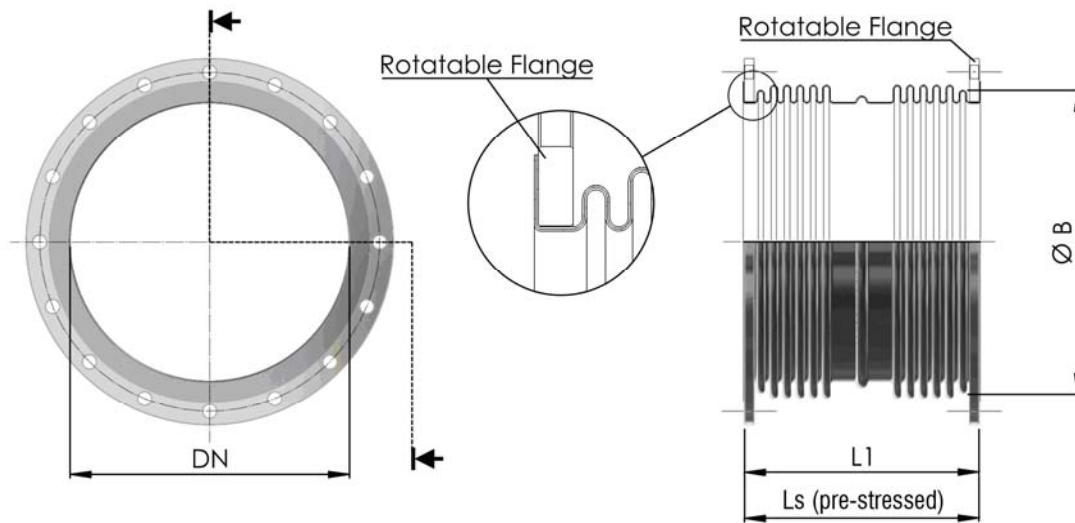


- supplied at pre-stressed length

Approvals:

BUREAU VERITAS; Test certificate for other classification societies possible





Technical data:

Article no.	DN	L1	Ls	Bellows (Material: AISI 321)			Movements mm		Springrate N/mm		Flange (Carbon steel)		
				B	Plies	Thick- ness	Axial +/-	Lateral +/-	Axial +/-	Lateral +/-	D outside	Bolt circle	Holes x d
300270080	80	340	365	100	2	0,3	38	63	54	5	200	160	4 x 18
300270100	100	290	315	152	2	0,3	36	42	37	9	220	180	8 x 18
300270125	125	285	305	182	2	0,3	32	30	77	39	250	210	8 x 18
300270150	150	340	370	208	2	0,3	45	46	53	25	285	240	8 x 22
300270175	175	345	375	238	2	0,3	44	40	100	48	315	270	8 x 22
300270200	200	335	365	258	2	0,4	49	40	64	46	320	280	8 x 18
300270250	250	335	365	315	2	0,4	47	30	77	85	375	335	12 x 18
300270300	300	310	345	368	2	0,4	50	26	64	134	440	395	12 x 22
300270350	350	310	345	409	2	0,4	50	24	71	176	490	445	12 x 22
300270400	400	375	425	466	2	0,4	73	35	53	113	540	495	16 x 22
300270450	450	380	430	520	2	0,4	71	30	59	151	595	550	16 x 22
300270500	500	350	390	571	2	0,4	62	24	69	224	645	600	20 x 22
300270550	550	360	400	623	2	0,4	62	22	74	284	703	650	20 x 22
300270600	600	440	490	675	2	0,4	72	31	78	228	754	700	20 x 22
300270700	700	465	520	773	2	0,4	79	31	88	296	856	800	24 x 22
300270800	800	465	520	873	2	0,5	79	27	98	434	958	900	24 x 22
300270900	900	465	520	983	2	0,5	79	25	109	622	1060	1010	28 x 22
300271000	1000	465	520	1083	2	0,5	79	21	119	843	1162	1110	32 x 22
300271100	1100	465	520	1183	2	0,6	79	19	130	1117	1266	1210	32 x 22
300271200	1200	465	520	1283	2	0,6	79	17	140	1429	1366	1310	36 x 22

Subject to alteration

Movements are not in combination

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