

BALANCE X: DN80-450

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The Balance X is a stainless steel expansion joint with rotating flanges according to DIN PN 6. It is used to accommodate axial movements and lateral misalignments in piping systems. Due to its double-ply bellows, this compensator is more flexible in comparison to similar single-ply compensators. The maximum operating temperature of the Balance X is +550 °C, the maximum working pressure 2,5 bar (120 °C).

APPROVALS

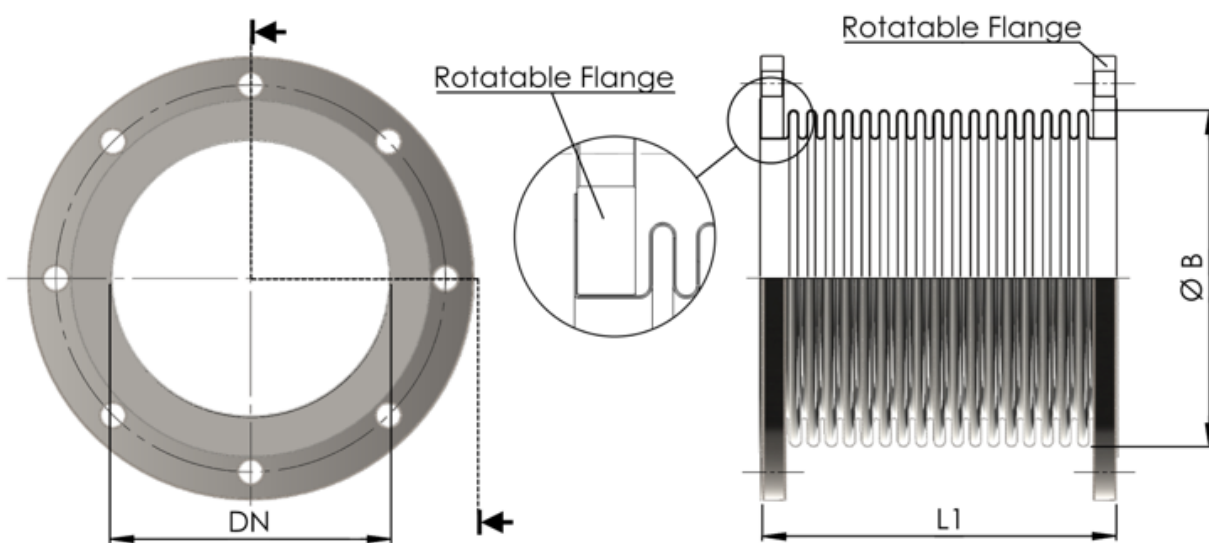
Type approval available on request.

CHARACTERISTICS

- Stainless steel expansion joint AISI 321
- With rotating flanges acc. DIN PN 6
- Double-ply bellows material
- Standard length
- Max. temperature: 550 °C
- Max. pressure: 2,5 bar (120 °C)
- Stock item



TECHNICAL DRAWING



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PRODUCT DATA¹

PART NO.	DN	L1	BELLOWS (MATERIAL: AISI 321)			FLANGE (MATERIAL: CARBON STEEL)			MOVEMENTS ² (MM)		SPRINGRATE (N/MM)	
			B	Plies	Thickness (mm)	D Outside	Bolt Circle	Holes x d	Axial +/-	Lateral +/-	Axial +/-	Lateral +/-
330 420 080	80	255	100.2	2	0,3	190	150	4 x 18	50	19	24	41
330 420 100	100	255	132.2	2	0,3	210	170	4 x 18	50	15	27	44
330 420 125	125	255	159.2	2	0,3	240	200	8 x 18	48	15	48	80
330 420 150	150	255	183.2	2	0,3	265	225	8 x 18	50	13	53	95
330 420 175	175	255	211	2	0,3	295	255	8 x 18	49	12	63	148
330 420 200	200	255	242	2	0,4	320	280	8 x 18	60	14	50	154
330 420 250	250	255	303	2	0,4	375	335	12 x 18	60	11	58	278
330 420 300	300	305	359	2	0,4	440	395	12 x 22	65	10	59	418
330 420 350	350	305	393	2	0,4	490	445	12 x 22	63	8	64	548
330 420 400	400	305	447	2	0,4	540	495	12 x 22	76	11	44	308
330 420 450	450	310	501	2	0,4	595	550	12 x 22	76	11	50	350

Note:

1. Other stainless steel grades and diameters available on request
2. Axial and lateral movements are not to be used in combination

