

BALANCE II TWIN: DN40-300

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The Balance II is a stainless steel expansion joint with carbon steel weld ends. It is used to accommodate axial movements and relatively large 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 II is +550 °C, the maximum working pressure 2,5 bar (50 °C).

APPROVALS

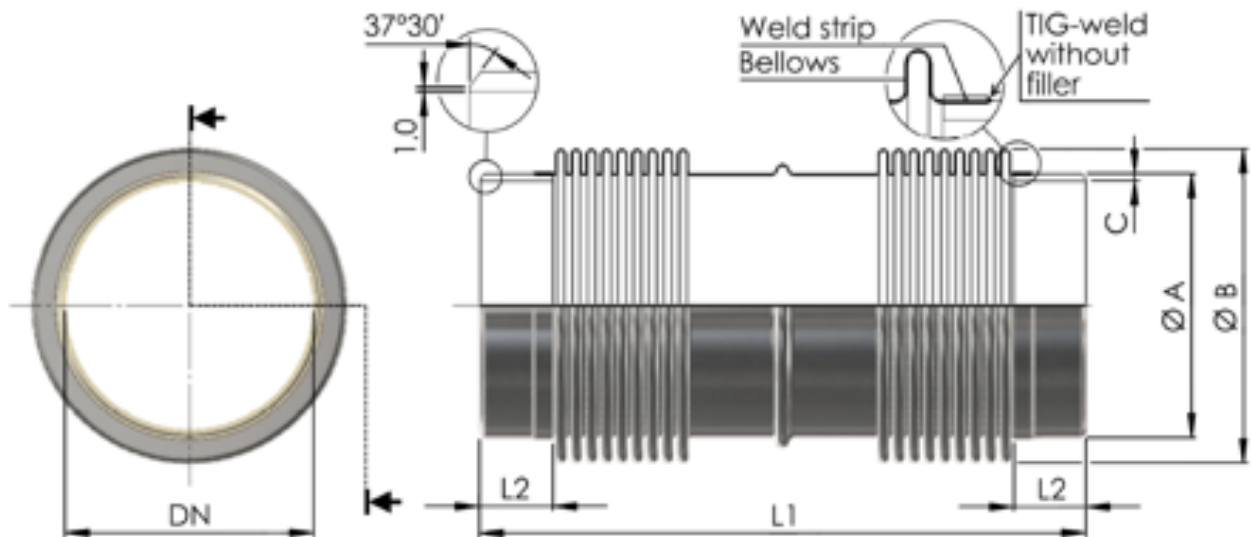
Type approval available on request.

CHARACTERISTICS

- Stainless steel expansion joint AISI 321
- Twin bellows construction
- Double-ply bellows material
- Standard length
- Carbon steel weld ends
- Max. temperature: 550 °C
- Max. pressure: 2,5 bar (50 °C)
- Stock item



TECHNICAL DRAWING



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PRODUCT DATA¹

PART NO.	DN	L1	BELLOWS (MATERIAL: AISI 321)			WELDING ENDS (MATERIAL: CARBON STEEL)			MOVEMENTS ² (MM)		SPRINGRATE (N/MM)	
			B (mm)	Plies	Thickness (mm)	A (mm)	C (mm)	L2 (mm)	Axial +/-	Lateral +/-	Axial +/-	Lateral +/-
330 020 040	40	375	60,3	1	0,3	48,3	2,6	40	30	73	21	8
330 020 050	50	375	77,0	2	0,3	60,3	2,9	40	32	65	23	11
330 020 065	65	345	95,0	2	0,3	76,1	2,9	40	54	54	32	19
330 020 080	80	380	111,0	2	0,3	88,9	3,2	40	38	63	20	13
330 020 100	100	330	140,0	2	0,3	114,3	3,6	40	36	46	25	23
330 020 125	125	320	168,0	2	0,3	139,7	3,6	40	32	33	23	28
330 020 150	150	395	200,5	2	0,4	168,3	4,0	50	45	46	38	24
330 020 175	175	395	227,8	2	0,4	193,7	4,5	50	44	40	36	23
330 020 200	200	405	255,1	2	0,4	219,1	4,5	50	49	42	43	27
330 020 250	250	405	315,0	2	0,4	273,0	5,0	50	47	33	39	37
330 020 300	300	415	371,9	2	0,4	323,9	5,0	70	45	18	37	64

Note:

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

