

Stainless Steel Expansion Bellows (Normal Type)

Product Features

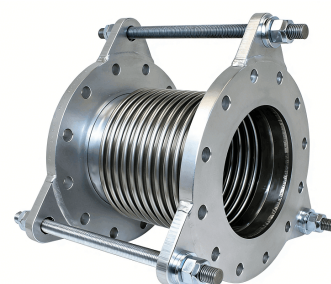
1. Most commonly used structure.
2. Maximum Working Temperature 1200°C. Maximum Working pressure 45 Bar.
3. Made of stainless steel 304/316, Inconel 600, Hastelloy X, and other materials of the bellows.
4. Available for quick delivery in standard and custom flanged configurations.
5. Available in both import and domestic models.



Description

Devel's Stainless Steel Expansion Bellows consist of a bellows and two end fittings. They absorb axial displacement (and a small amount of lateral and angular displacement) through the flexible deformation of the bellows. The end fittings are either welded directly to the pipe fittings or welded with flanges and then connected to the pipe flanges.

The small tie rods on the expansion joints are primarily for rigid support during transportation or for pre-deformation adjustment of the product; they are not load-bearing components. This type of expansion joint is simple in structure and inexpensive; it should be given priority wherever possible in the pipeline.



Specifications

Nominal Diameter(DN)		Number of convolutions (n)	Install Length* Weld end (mm)	Install Length* Flange end (mm)	Max Outer Diameter O.D. (mm)	Movement	
						Axial	Lateral
mm	inch					mm	mm
300	12	4	426	450	495	16	2.1
300	12	8	570	594	495	32	8.4
350	14	4	426	450	577	16	1.9
350	14	8	570	594	577	32	7.7
400	16	4	426	450	626	16	1.7
400	16	8	570	594	626	32	6.7
450	18	4	426	450	678	16	1.5
450	18	8	570	594	678	32	6
500	20	4	426	450	729	16	1.4
500	20	8	570	594	729	32	5.4
600	24	4	576	600	830	27	3.3
600	24	8	816	840	830	54	13
700	28	4	576		980	31	3.2
700	28	6	696		980	46	7.1
800	32	4	576		1080	30	2.8
800	32	6	696		1080	46	6.2
900	36	4	676		1180	30	2.5
900	36	6	796		1180	45	5.5
1000	40	4	676		1280	32	2.4
1000	40	6	796		1280	48	5.3
1100	44	4	676		1380	32	2.1
1100	44	6	796		1380	47	4.8
1200	48	4	676		1480	32	2
1200	48	6	796		1480	47	4.4

Note: *Install length based on the Devel factory standard. Other lengths can be changed according to your requirement.