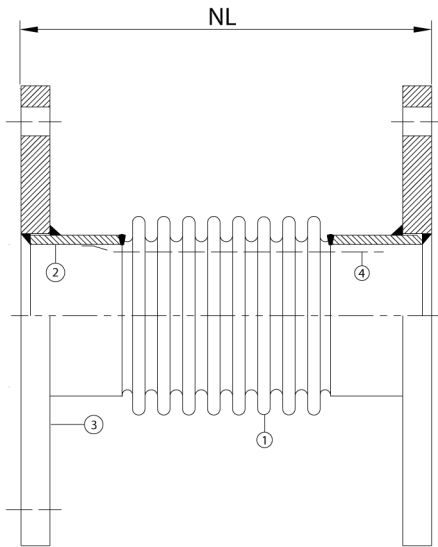


Stainless steel expansion joint with fixed flanges, type ANF

Applications

An expansion joint with steel welding ends and steel fixed flanges according to PN10/16 (see table). For applications in heating systems, where a thermal expansion of the piping has to be absorbed. This type of expansion joint is basically meant for axial movements. Flanges are mounted in line.



Technical description

Bellow (1)	: AISI 316Ti
Welding ends (2)	: Carbon Steel
Flanges (3)	: Carbon Steel
Inner sleeve (4, Optional)	: AISI 304

Connections

Fixed, PN10/16 (DN200, DN250 and DN300 PN10), carbon steel, other flanges (ANSI) on request.

Diameter	Type	NL	Axial	Axial	Max.	Max.
DN		neutral length	compression	extension	pressure	pressure
mm (in)		mm	mm	mm	@20°C/bar	@100°C/bar
15(½")	ANF 151620	160	-10	+10	16	10
20(¾")	ANF 201622	161	-11	+11	16	10
25(1")	ANF 251626	162	-13	+13	16	10
32(1¼")	ANF 321626	196	-13	+13	16	10
40(1½")	ANF 401636	212	-18	+18	16	10
50(2")	ANF 501646	234	-23	+23	16	10
65(2½")	ANF 651648	246	-24	+24	16	10
80(3")	ANF 801640	215	-20	+20	16	10
100(4")	ANF 1001640	215	-20	+20	16	10
125(5")	ANF 1251650	220	-25	+25	16	10
150(6")	ANF 1501650	275	-25	+25	16	10
200(8")	ANF 2001650	286	-25	+25	10	10
250(10")	ANF 2501650	315	-25	+25	10	10
300(12")	ANF 3001650	345	-25	+25	10	10

For combined movements, consult Amnitec BV.

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