EXPANSION JOINTS
FIG. S22AS16 & S22AS16F

GENERAL FEATURES:
Expansion joint with stainless steel bellow
Temperature range: -20°C ~ 300°C
Max. working pressure: 16 bar
Only axial movement

USAGE:
- For common fluids

FIGUR:
S22AS16: Version with butt-weld ends in steel, bellow in stainless steel
S22AS16F: Version with flanges PN16 in steel, bellow in stainless steel



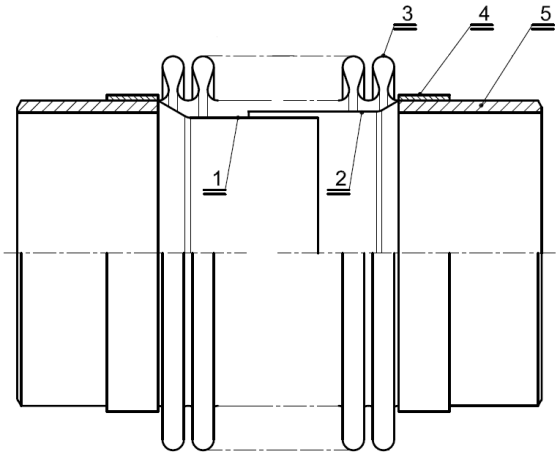


CE

DESIGN STANDARDS	
Construction	ISO 9001 : 2008
Design	EN 14917
Flanges	EN 1092-1 PN16
TESTS AND CERTIFICATES	
Quality Assurance	ISO 9001, CE-PED

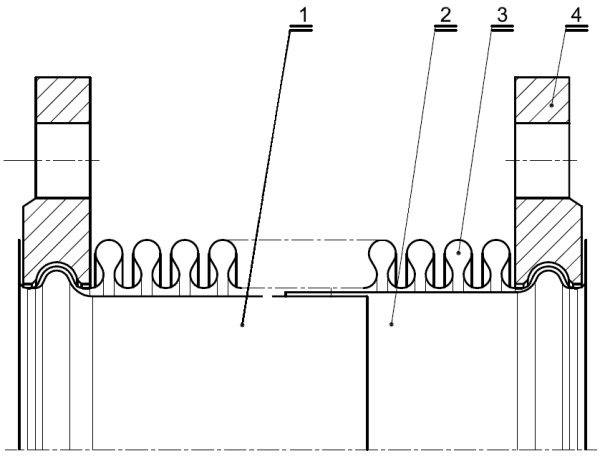
Subject to changes

S22AS16



N°	Description	Materials
1	Internal liner	Stainless steel 321
2	Internal liner	Stainless steel 321
3	Bellow	Stainless steel 321
4	Band	Stainless steel 321
5	Ends	Steel St 37.2

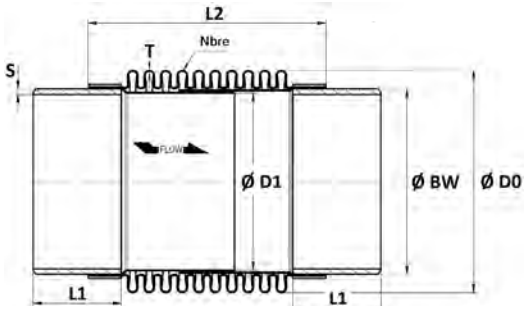
S22AS16F



N°	Description	Materials
1	Internal liner	Stainless steel 321
2	Internal liner	Stainless steel 321
3	Bellow	Stainless steel 321
4	Flanges	Steel St 37.2

Subject to changes

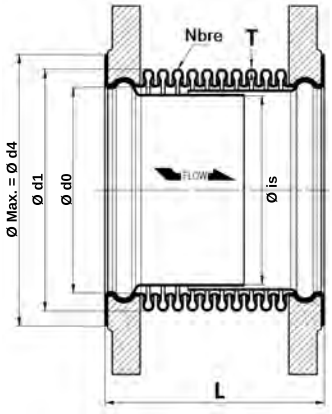
S22AS16



Dimensions (mm):

DN	L	L1	L2	Ø BW	Ø D0	Ø D1	S	T	Nbre (wave number)	Kg
25	185	55	105	38,0	48,8	32,0	2,6	0,3	17	0,37
32	185	55	105	42,4	55,6	36,0	2,6	0,3	17	0,44
40	200	50	120	48,3	61,0	41,4	2,6	0,3	17	0,53
50	270	75	140	60,3	77,0	53,5	2,9	0,4	20	1,11
65	260	80	120	76,1	96,0	70,0	2,9	0,4	16	1,37
80	275	75	145	88,9	112,0	78,0	3,2	0,5	15	1,86
100	310	60	210	114,3	141,0	103,5	3,6	0,6	20	2,94
125	310	85	160	139,7	165,0	127,3	4,0	0,6	16	3,89
150	350	60	250	168,3	201,0	156,0	4,5	0,6	20	5,85
200	330	65	220	219,1	252,0	207,0	6,3	0,8	16	9,40
250	360	60	260	273,0	325,8	261,0	6,3	1,0	14	13,97

S22AS16F

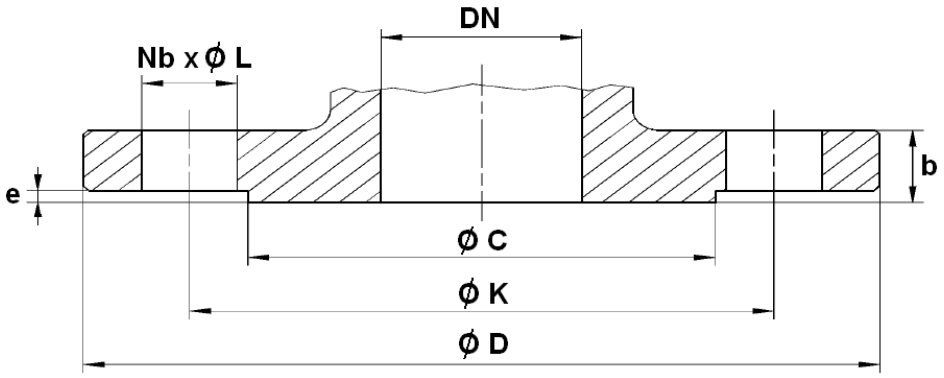


Dimensions (mm):

DN	L	Ø do	Ø di	Ø d4 (max)	Ø is	T	Nbre (wave number)	Kg
25	105	48,2	38,0	68,0	32,0	0,3	17	2,1
32	105	55,6	42,4	78,0	36,0	0,3	17	3,1
40	120	61,0	48,3	88,0	41,4	0,3	17	3,4
50	150	77,0	60,3	102,0	53,5	0,4	20	4,6
65	140	96,0	76,1	122,0	70,0	0,4	16	5,7
80	155	112,0	88,9	138,0	78,0	0,5	15	7,0
100	220	141,0	114,3	158,0	103,5	0,6	20	8,8
125	190	165,0	139,7	188,0	127,3	0,6	16	11,2
150	270	201,0	168,3	212,0	156,0	0,6	20	15,1
200	275	252,0	219,1	268,0	207,0	0,8	16	21,1
250	285	314,0	273,0	320,0	256,0	1,0	14	31,0

Subject to changes

Flanges S22AS16F



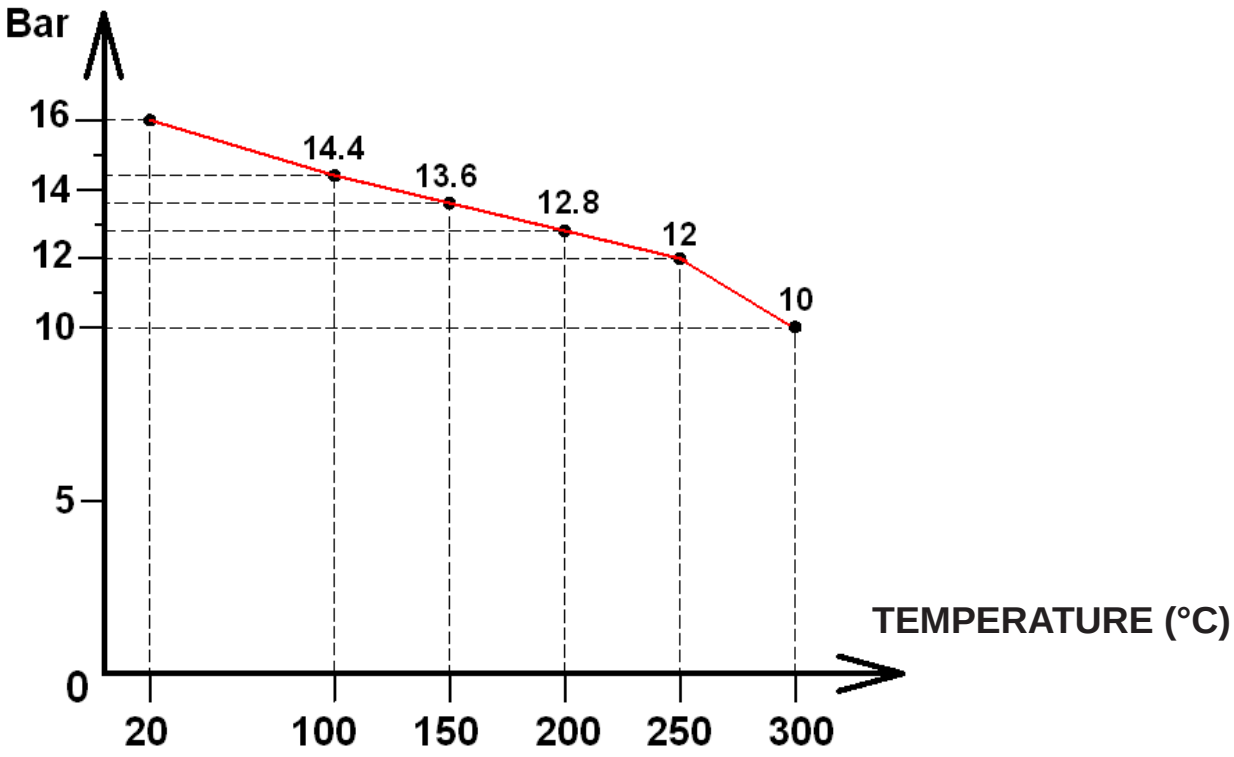
DN	Ø C	Ø D	Ø K	Nb x Ø L	b	e
25	68	115	85	4 x 14	16	2
32	78	140	100	4 x 18	16	2
40	88	150	110	4 x 18	16	3
50	102	165	125	4 x 18	18	3
65	122	185	145	4 x 18	18	3
80	138	200	160	8 x 18	20	3
100	158	220	180	8 x 18	20	3
125	188	250	210	8 x 18	22	3
150	212	285	240	8 x 23	22	3
200	268	340	295	12 x 23	24	3
250	320	405	355	12 x 27	26	4

Axial movement (mm):

DN	Axial movement
25	± 11
32	± 10
40	± 13
50	± 20
65	± 20
80	± 25
100	± 32
125	± 33
150	± 40
200	± 33
250	± 40

Subject to changes

PT*:



* The values listed above are NOT applicable for steam

Subject to changes