

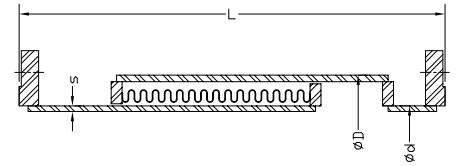


Bellows Material  
**304ss-316ss**  
**321ss**

Balance of Materials  
**Carbon Steel**

Design Temperature  
**400°C**

Weld end connections are available upon request



Nominal Diameter (DN)	Design Pressure (barg)	Length (L) (mm) Axial (+/-) (mm)				d (mm)	s (mm)	D (mm)	Effective Area (cm <sup>2</sup> )	
		30	60	90	120					
25	1"	40	275	395	520	-	33,7	2,6	88,9	54
32	1 1/4"		285	405	530	-	42,4	3,2	88,9	54
40	1 1/2"		295	415	535	-	48,3	3,2	88,9	54
50	2"		300	420	555	710	60,3	3,6	114,3	89
65	2 1/2"		315	430	560	715	76,1	3,6	114,3	91
80	3"	25	315	435	585	725	88,9	4,0	139,7	141
100	4"		320	450	585	750	114,3	4,5	165,0	196
125	5"		335	465	595	765	139,7	5,0	193,7	272
150	6"		345	475	615	790	165,0	5,0	219,1	346
200	8"		395	520	685	860	219,1	4,5	323,9	572
250	10"		420	585	760	950	273,0	5,6	355,6	829



Externally pressurized expansion joints are used where there are large axial movements.

This type of design pressurizes the bellows externally, eliminating column instability concerns for the bellows.



This configuration provides an outside cover protecting bellows from external elements and inside pipe acts as a liner protecting bellows from flow medium and and streamlines the flow

**EXTERNALLY PRESSURIZED**