

# Double-Ply Bellows

## Stainless Steel T321 Bellows/Expansion Joints

1.5" Axial Travel Bellows - BE-FLFF									
Part Number	Nominal Size	I.D. (in)	O.D. (in)	No. of Corrugations	Live Length (in)	OAL Length	Lateral Motion (in)	Axial Spring Rate (Lbs/in)	Lateral Spring Rate (Lbs/in)
BE-FLFF-03000	3	3.5	4.24	22	6	9	0.875	170	110
BE-FLFF-04000	4	4.5	5.5	22	6	9	0.875	215	220
BE-FLFF-05000	5	5.56	7	13	6	9	0.75	108	177
BE-FLFF-06000	6	6.63	8.08	13	6	9	0.625	125	281
BE-FLFF-08000	8	8.63	10.08	13	6	9	0.5	157	577
BE-FLFF-10000	10	10.75	12.73	10	6	9	0.5	80	415
BE-FLFF-12000	12	12.75	14.73	10	6	9	0.438	93	659
BE-FLFF-14000	14	14	16.38	8	6	9	0.375	127	1194
BE-FLFF-16000	16	16	18.38	8	6	9	0.312	143	1728
BE-FLFF-18000	18	18	20.38	8	6	9	0.3	157	2362

3" Axial Travel Bellows - BL-FLFF									
Part Number	Nominal Size	I.D. (in)	O.D. (in)	No. of Corrugations	Live Length (in)	OAL Length	Lateral Motion (in)	Axial Spring Rate (Lbs/in)	Lateral Spring Rate (Lbs/in)
BL-FLFF-03000	3	3.5	4.24	33	9	12	1.25	113	32
BL-FLFF-04000	4	4.5	5.5	33	9	12	1.25	143	65
BL-FLFF-05000	5	5.56	7	20	9	12	1.125	70	48
BL-FLFF-06000	6	6.63	8.08	20	9	12	1	81	77
BL-FLFF-08000	8	8.63	10.08	20	9	12	1	102	158
BL-FLFF-10000	10	10.75	12.73	14	9	12	1	57	151
BL-FLFF-12000	12	12.75	14.73	14	9	12	0.875	66	240
BL-FLFF-14000	14	14	16.38	12	9	12	0.75	84	354
BL-FLFF-16000	16	16	18.38	12	9	12	0.75	95	512
BL-FLFF-18000	18	18	20.38	12	9	12	0.625	105	700

- All bellows are constructed from T321 stainless steel. End connections are carbon steel (available in stainless steel).
- Bellows flow liners are recommended for exhaust 6" and below when gas/streamflow conditions are greater than or equal to 4 feet / second / inch of diameter. Also for exhaust 8" and above when gas/streamflow conditions are greater than or equal to 25 feet / second.
- Maximum working pressure @ 1200°F is 5 PSIG. All tabulated movements are non-concurrent. Numbers vary depending upon overall length.
- All bellows designs are per Expansion Joint Manufacturers Association 9th Edition.
- Dimensions and specifications may be subject to change without prior notification. Product images are for illustrative purposes only and may differ from the actual product.
- All flange bolt holes straddle the centerlines. All ANSI Flanges are 150# bolt pattern. Please see our flange catalog for details. All ANSI Flanges may be replaced with standard Caterpillar, Cummins, or MTU engine flanges.
- Any flange can be fixed or floating. Other configurations such as tube, pipe, NPT, etc. and their combinations are available upon request. Please contact Nett Technologies for details.

