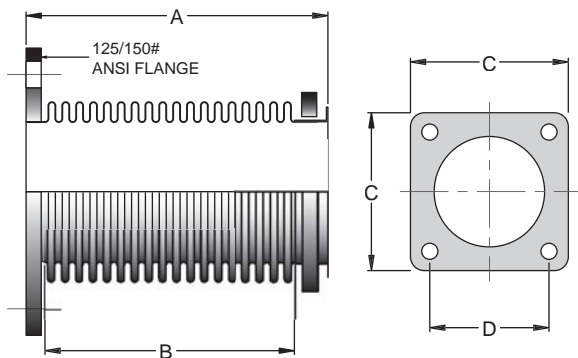


TYPE 13C - FLOATING CAT X FIXED ANSI

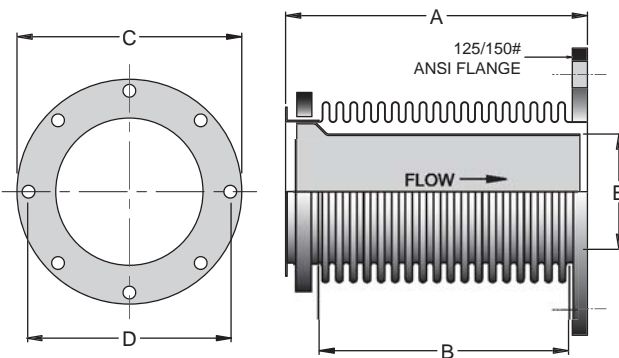
T-321 STAINLESS STEEL BELLOWS / FLEX
 125/150# ANSI CARBON STEEL OUTLET FLANGE
 A-36 CARBON STEEL FLOATING CAT INLET FLANGE
 T-321 STAINLESS STEEL VANSTONE STUB END



4", 5", & 6" CAT

TYPE 13CL - FLOATING CAT X FIXED ANSI

T-321 STAINLESS STEEL BELLOWS / FLEX WITH FLOW LINER
 125/150# ANSI CARBON STEEL OUTLET FLANGE
 A-36 CARBON STEEL FLOATING CAT INLET FLANGE
 T-321 STAINLESS STEEL VANSTONE STUB END



8"-18" CAT

TYPE 13C - MULTI-PLY BELLOWS

SIZE	A	B	C	D	HOLES	DIA	PART NO.
4"	12.00	9.00	5.50	4.15	4	0.56	13M0400-12C
5"	12.00	9.00	6.50	5.00	4	0.75	13M0500-12C
6"	12.00	9.00	8.00	6.00	4	0.88	13M0600-12C
8"	12.00	9.00	11.00	9.88	8	0.56	13M0800-12C
10"	12.00	9.00	13.50	12.44	12	0.50	13M1000-12C
12"	12.00	9.00	15.75	14.81	12	0.50	13M1200-12C
14"	12.00	9.00	17.10	16.13	12	0.50	13M1401-12C
14"	12.00	9.00	17.94	16.94	12	0.56	13M1402-12C
16"	12.00	9.00	23.50	21.25	16	0.81	13M1600-12C
18"	12.00	9.00	21.85	20.88	16	0.54	13M1800-12C

TYPE 13CL - MULTI-PLY BELLOWS WITH LINER

SIZE	A	B	C	D	E	PART NO.
4"	12.00	9.00	5.50	4.15	3.25	13M0400-12CL
5"	12.00	9.00	6.50	5.00	4.25	13M0500-12CL
6"	12.00	9.00	8.00	6.00	5.25	13M0600-12CL
8"	12.00	9.00	11.00	9.88	7.25	13M0800-12CL
10"	12.00	9.00	13.50	12.44	9.00	13M1000-12CL
12"	12.00	9.00	15.75	14.81	11.00	13M1200-12CL
14"	12.00	9.00	17.10	16.13	13.00	13M1401-12CL
14"	12.00	9.00	17.94	16.94	13.00	13M1402-12CL
16"	12.00	9.00	23.50	21.25	15.00	13M1600-12CL
18"	12.00	9.00	21.85	20.88	17.00	13M1800-12CL

TYPE 13C - SINGLE-PLY BELLOWS

SIZE	A	B	C	D	HOLES	DIA	PART NO.
4"	12.00	9.00	5.50	4.15	4	0.56	13S0400-12C
5"	12.00	9.00	6.50	5.00	4	0.75	13S0500-12C
6"	12.00	9.00	8.00	6.00	4	0.88	13S0600-12C
8"	12.00	9.00	11.00	9.88	8	0.56	13S0800-12C
10"	12.00	9.00	13.50	12.44	12	0.50	13S1000-12C
12"	12.00	9.00	15.75	14.81	12	0.50	13S1200-12C
14"	12.00	9.00	17.10	16.13	12	0.50	13S1401-12C
14"	12.00	9.00	17.94	16.94	12	0.56	13S1402-12C
16"	12.00	9.00	23.50	21.25	16	0.81	13S1600-12C
18"	12.00	9.00	21.85	20.88	16	0.54	13S1800-12C

TYPE 13CL - SINGLE-PLY BELLOWS WITH LINER

SIZE	A	B	C	D	E	PART NO.
4"	12.00	9.00	5.50	4.15	3.25	13S0400-12CL
5"	12.00	9.00	6.50	5.00	4.25	13S0500-12CL
6"	12.00	9.00	8.00	6.00	5.25	13S0600-12CL
8"	12.00	9.00	11.00	9.88	7.25	13S0800-12CL
10"	12.00	9.00	13.50	12.44	9.00	13S1000-12CL
12"	12.00	9.00	15.75	14.81	11.00	13S1200-12CL
14"	12.00	9.00	17.10	16.13	13.00	13S1401-12CL
14"	12.00	9.00	17.94	16.94	13.00	13S1402-12CL
16"	12.00	9.00	23.50	21.25	15.00	13S1600-12CL
18"	12.00	9.00	21.85	20.88	17.00	13S1800-12CL

TYPE 13C - FLEX HOSE

SIZE	A	B	C	D	HOLES	DIA	PART NO.
4"	20.00	17.00	5.50	4.15	4	0.56	13F0400-20C
5"	20.00	17.00	6.50	5.00	4	0.75	13F0500-20C
6"	20.00	17.00	8.00	6.00	4	0.88	13F0600-20C
8"	20.00	17.00	11.00	9.88	8	0.56	13F0800-20C
10"	20.00	17.00	13.50	12.44	12	0.50	13F1000-20C
12"	20.00	17.00	15.75	14.81	12	0.50	13F1200-20C
14"	20.00	17.00	17.10	16.13	12	0.50	13F1401-20C
14"	20.00	17.00	17.94	16.94	12	0.56	13F1402-20C
16"	20.00	17.00	23.50	21.25	16	0.81	13F1600-20C
18"	20.00	17.00	21.85	20.88	16	0.54	13F1800-20C

See pages 27-29 for bellows and flex hose specifications.

NOTES:

- T-321 Stainless Steel Vanstone (Standard).
- Change "C" to "U" for Cummins Inlet Flange, "D" for Detroit Inlet Flange.
- Standard Flow Liner Diameter "E" Limits Lateral Offset to 3/8" For Increased Offset "E" Must Be Reduced.
- Internal Flow Liners are Required if Flow Conditions are Equal or Greater Than the Following:
 - 6" and Under (Gas / Steam) - 4ft/sec/inch of Diameter.
 - 8" and Over (Gas / Steam) - 25ft/sec.

OPTIONS:

- Longer / Shorter Lengths
- Increasing / Reducing Flanges
- Special Drilled / Metric Flanges
- T-304 Stainless Steel Flanges
- Inconel 625 Bellows

