

ANSI REDUCING FLANGE EXHAUST EXPANSION JOINTS

RATED: 5 PSIG @ 1000°F

- 1- Multi-ply T-321 stainless exhaust bellows
 - 2- Fixed 150# drilled ANSI inlet flange A-36 c/s
 - 3- Fixed 150# drilled reducing ANSI outlet flange A-36 c/s
 - 4- T-304 / T-321 s/s flow liner (optional)
- * Design per EJMA 10th Edition
 * Welding per ASME Section IX



SIZE			6" L/L MULTI-PLY BELLOWS						9" L/L MULTI-PLY BELLOWS						12" L/L MULTI-PLY BELLOWS					
BELLOWS SIZE	INLET (ANSI)	OUTLET (ANSI)	OVERALL LENGTH	AXIAL COMPRESSION*	AXIAL SPRING RATE	LATERAL OFFSET*	LATERAL SPRING RATE	PART No.	OVERALL LENGTH	AXIAL COMPRESSION*	AXIAL SPRING RATE	LATERAL OFFSET*	LATERAL SPRING RATE	PART No.	OVERALL LENGTH	AXIAL COMPRESSION*	AXIAL SPRING RATE	LATERAL OFFSET*	LATERAL SPRING RATE	PART No.
3"	3"	4"	7"	1.50"	123	0.625	81	50-3064140	10"	2.00"	83	1.0"	24	50-3094140	13"	X	X	X	X	N/A
3"	3"	5"	7"	1.50"	123	0.625	81	50-3065140	10"	2.00"	83	1.0"	24	50-3095140	13"	X	X	X	X	N/A
4"	4"	5"	7"	2.00"	120	.625"	22	50-4065140	10"	2.00"	46	1.00"	22	50-4095140	13"	2.50"	55	1.50"	15	50-40125140
4"	4"	6"	7"	2.00"	120	.625"	22	50-4066140	10"	2.00"	46	1.00"	22	50-4096140	13"	2.50"	55	1.50"	15	50-40126140
4"	4"	8"	7"	2.00"	120	.625"	22	50-4068140	10"	2.00"	46	1.00"	22	50-4098140	13"	2.50"	55	1.50"	15	50-40128140
5"	5"	6"	7"	2.00"	105	.625"	47	50-5066140	10"	3.00"	66	1.00"	47	50-5096140	13"	4.00"	43	1.50"	18	50-50126140
5"	5"	8"	7"	2.00"	105	.625"	47	50-5068140	10"	3.00"	66	1.00"	47	50-5098140	13"	4.00"	43	1.50"	18	50-50128140
6"	6"	8"	7"	2.00"	131	.625"	80	60-6068140	10"	3.00"	82	1.00"	80	60-6098140	13"	5.00"	49	1.50"	28	60-60128140
6"	6"	10"	7"	2.00"	131	.625"	80	60-60610140	10"	3.00"	82	1.00"	80	60-60910140	13"	5.00"	49	1.50"	28	60-601210140
8"	8"	10"	7"	2.00"	165	.500"	165	50-80610140	10"	3.00"	103	1.00"	165	50-80910140	13"	5.50"	64	1.50"	58	50-801210140
8"	8"	12"	7"	2.00"	165	.500"	165	50-80612140	10"	3.00"	103	1.00"	165	50-80912140	13"	5.50"	64	1.50"	58	50-801212140
8"	8"	14"	7"	2.00"	165	.500"	165	50-80614140	10"	3.00"	103	1.00"	165	50-80914140	13"	5.50"	64	1.50"	58	50-801214140
8"	8"	16"	7"	2.00"	165	.500"	165	50-80616140	10"	3.00"	103	1.00"	165	50-80916140	13"	5.50"	64	1.50"	58	50-801216140
10"	10"	12"	7"	2.00"	154	.430"	248	50-100612140	10"	3.00"	103	1.00"	248	50-100912140	13"	5.50"	80	1.50"	110	50-1001212140
10"	10"	14"	7"	2.00"	154	.430"	248	50-100614140	10"	3.00"	103	1.00"	248	50-100914140	13"	5.50"	80	1.50"	110	50-1001214140
12"	12"	14"	7"	2.00"	181	.375"	405	50-120614140	10"	3.00"	121	.875"	405	50-120914140	13"	5.50"	91	1.50"	171	50-1201214140
12"	12"	16"	7"	2.00"	181	.375"	405	50-120616140	10"	3.00"	121	.875"	405	50-120916140	13"	5.50"	91	1.50"	171	50-1201216140
14"	14"	16"	7"	2.00"	198	.375"	530	50-140616140	10"	3.00"	132	.750"	530	50-140916140	13"	5.50"	99	1.50"	223	50-1401216140
14"	14"	18"	7"	2.00"	198	.375"	530	50-140618140	10"	3.00"	132	.750"	530	50-140918140	13"	5.50"	99	1.50"	223	50-1401218140
16"	16"	18"	7"	2.00"	225	.250"	777	50-160618140	10"	3.00"	150	.625"	777	50-160918140	13"	5.50"	113	1.25"	328	50-1601218140
16"	16"	20"	7"	2.00"	225	.250"	777	50-160620140	10"	3.00"	150	.625"	777	50-160920140	13"	5.50"	113	1.25"	328	50-1601220140
18"	18"	20"	7"	2.00"	253	.250"	1092	50-180620140	10"	3.00"	168	.500"	1092	50-180920140	13"	5.50"	126	1.13"	461	50-1801220140
18"	18"	22"	7"	2.00"	253	.250"	1092	50-180622140	10"	3.00"	168	.500"	1092	50-180922140	13"	5.50"	126	1.13"	461	50-1801222140
18"	18"	24"	7"	2.00"	253	.250"	1092	50-180624140	10"	3.00"	168	.500"	1092	50-180924140	13"	5.50"	126	1.13"	461	50-1801224140

Custom lengths available

* Movements are non-concurrent

Stainless flanges available on request for 1200°F temperature rating

Flow liners may be required. See EJMA 10 guidelines

Hastelloy X and Inconel 625 available for temperatures to 1500°F