

ANSI FLANGE W/CONE 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 ANSI outlet flange A-36 c/s
 - 4- Cone adapter T-304 stainless steel
 - 5- 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 BELLWS						9" L/L MULTI-PLY BELLWS						12" L/L MULTI-PLY BELLWS					
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"	9"	1.50"	123	0.625"	81	50-3064150	12"	2.00"	83	1.0"	24	50-3094150	15"	X	X	X	X	N/A
3"	3"	5"	10"	1.50"	123	0.625"	81	50-3065150	13"	2.00"	83	1.0"	24	50-3095150	16"	X	X	X	X	N/A
4"	4"	5"	9"	2.00"	120	.625"	22	50-4065150	12"	2.00"	46	1.00"	22	50-4095150	15"	2.50"	55	1.50"	15	50-40125150
4"	4"	6"	10"	2.00"	120	.625"	22	50-4066150	13"	2.00"	46	1.00"	22	50-4096150	16"	2.50"	55	1.50"	15	50-40126150
4"	4"	8"	11"	2.00"	120	.625"	22	50-4068150	14"	2.00"	46	1.00"	22	50-4098150	17"	2.50"	55	1.50"	15	50-40128150
5"	5"	6"	9"	2.00"	105	.625"	47	50-5066150	12"	3.00"	66	1.00"	47	50-5096150	15"	4.00"	43	1.50"	18	50-50126150
5"	5"	8"	10"	2.00"	105	.625"	47	50-5068150	13"	3.00"	66	1.00"	47	50-5098150	16"	4.00"	43	1.50"	18	50-50128150
6"	6"	8"	9"	2.00"	131	.625"	80	60-6068150	12"	3.00"	82	1.00"	80	60-6098150	15"	5.00"	49	1.50"	28	60-60128150
6"	6"	10"	10"	2.00"	131	.625"	80	60-60610150	13"	3.00"	82	1.00"	80	60-60910150	16"	5.00"	49	1.50"	28	60-60120150
8"	8"	10"	9"	2.00"	165	.500"	165	50-80610150	12"	3.00"	103	1.00"	165	50-80910150	15"	5.50"	64	1.50"	58	50-80120150
8"	8"	12"	10"	2.00"	165	.500"	165	50-80612150	13"	3.00"	103	1.00"	165	50-80912150	16"	5.50"	64	1.50"	58	50-801212150
8"	8"	14"	11"	2.00"	165	.500"	165	50-80614150	14"	3.00"	103	1.00"	165	50-80914150	17"	5.50"	64	1.50"	58	50-801214150
8"	8"	16"	12"	2.00"	165	.500"	165	50-80616150	15"	3.00"	103	1.00"	165	50-80916150	18"	5.50"	64	1.50"	58	50-801216150
10"	10"	12"	9"	2.00"	154	.430"	248	50-100612150	12"	3.00"	103	1.00"	248	50-100912150	15"	5.50"	80	1.50"	110	50-1001212150
10"	10"	14"	10"	2.00"	154	.430"	248	50-100614150	13"	3.00"	103	1.00"	248	50-100914150	16"	5.50"	80	1.50"	110	50-1001214150
12"	12"	14"	9"	2.00"	181	.375"	405	50-120614150	12"	3.00"	121	.875"	405	50-120914150	15"	5.50"	91	1.50"	171	50-1201214150
12"	12"	16"	10"	2.00"	181	.375"	405	50-120616150	13"	3.00"	121	.875"	405	50-120916150	16"	5.50"	91	1.50"	171	50-1201216150
14"	14"	16"	9"	2.00"	198	.375"	530	50-140616150	12"	3.00"	132	.750"	530	50-140916150	15"	5.50"	99	1.50"	223	50-1401216150
14"	14"	18"	10"	2.00"	198	.375"	530	50-140618150	13"	3.00"	132	.750"	530	50-140918150	16"	5.50"	99	1.50"	223	50-1401218150
16"	16"	18"	9"	2.00"	225	.250"	777	50-160618150	12"	3.00"	150	.625"	777	50-160918150	15"	5.50"	113	1.25"	328	50-1601218150
16"	16"	20"	10"	2.00"	225	.250"	777	50-160620150	13"	3.00"	150	.625"	777	50-160920150	16"	5.50"	113	1.25"	328	50-1601220150
18"	18"	20"	9"	2.00"	253	.250"	1092	50-180620150	12"	3.00"	168	.500"	1092	50-180920150	15"	5.50"	126	1.13"	461	50-1801220150
18"	18"	22"	10"	2.00"	253	.250"	1092	50-180622150	13"	3.00"	168	.500"	1092	50-180922150	16"	5.50"	126	1.13"	461	50-1801222150
18"	18"	24"	11"	2.00"	253	.250"	1092	50-180624150	14"	3.00"	168	.500"	1092	50-180924150	17"	5.50"	126	1.13"	461	50-1801224150

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