

# ANSI MAX FLOW FIXED FLANGE EXHAUST EXPANSION JOINTS

RATED: 5 PSIG @ 1000°F

- 1- Multi-ply T-321 stainless exhaust bellows (oversized)
  - 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.
5"	5"	5"	13"	2.00"	131	.625"	288	50-5065110	16"	3.00"	82	1.00"	80	50-5095110	19"	5.00"	49	1.50"	28	50-50125110
5"	5"	6"	13"	2.00"	131	.625"	288	50-5066110	16"	3.00"	82	1.00"	80	50-5096110	19"	5.00"	49	1.50"	28	50-50126110
5"	5"	8"	13"	2.00"	131	.625"	288	50-5068110	16"	3.00"	82	1.00"	80	50-5098110	19"	5.00"	49	1.50"	28	50-50128110
6"	6"	6"	13"	2.00"	165	.500"	591	50-6066110	16"	3.00"	103	1.00"	165	50-6096110	19"	5.50"	64	1.50"	58	50-60126110
6"	6"	8"	13"	2.00"	165	.500"	591	50-6068110	16"	3.00"	103	1.00"	165	50-6098110	19"	5.50"	64	1.50"	58	50-60128110
6"	6"	10"	13"	2.00"	165	.500"	591	50-60610110	16"	3.00"	103	1.00"	165	50-60690110	19"	5.50"	64	1.50"	58	50-601210110
8"	8"	8"	13"	2.00"	154	.430"	845	50-8068110	16"	3.00"	103	1.00"	248	50-8069110	19"	5.50"	80	1.50"	110	50-80128110
8"	8"	10"	13"	2.00"	154	.430"	845	50-80610110	16"	3.00"	103	1.00"	248	50-80910110	19"	5.50"	80	1.50"	110	50-801210110
8"	8"	12"	13"	2.00"	154	.430"	845	50-80612110	16"	3.00"	103	1.00"	248	50-80912110	19"	5.50"	80	1.50"	110	50-801212110
8"	8"	14"	13"	2.00"	154	.430"	845	50-80614110	16"	3.00"	103	1.00"	248	50-80914110	19"	5.50"	80	1.50"	110	50-801214110
10"	10"	10"	13"	2.00"	181	.375"	1369	50-100610110	16"	3.00"	121	.875"	405	50-100910110	19"	5.50"	91	1.50"	171	50-1001210110
10"	10"	12"	13"	2.00"	181	.375"	1368	50-100612110	16"	3.00"	121	.875"	405	50-100912110	19"	5.50"	91	1.50"	171	50-1001212110
10"	10"	14"	13"	2.00"	181	.375"	1368	50-100614110	16"	3.00"	121	.875"	405	50-100914110	19"	5.50"	91	1.50"	171	50-1001214110
12"	12"	12"	13"	2.00"	198	.375"	1788	50-120612110	16"	3.00"	132	.750"	530	50-120912110	19"	5.50"	99	1.50"	223	50-1201212110
12"	12"	14"	13"	2.00"	198	.375"	1788	50-120614110	16"	3.00"	132	.750"	530	50-120914110	19"	5.50"	99	1.50"	223	50-1201214110
12"	12"	16"	13"	2.00"	198	.375"	1788	50-120616110	16"	3.00"	132	.750"	530	50-120916110	19"	5.50"	99	1.50"	223	50-1201216110
14"	14"	14"	13"	2.00"	225	.250"	2623	50-140614110	16"	3.00"	150	.625"	777	50-140914110	19"	5.50"	113	1.25"	328	50-1401214110
14"	14"	16"	13"	2.00"	225	.250"	2623	50-140616110	16"	3.00"	150	.625"	777	50-140916110	19"	5.50"	113	1.25"	328	50-1401216110
14"	14"	18"	13"	2.00"	225	.250"	2623	50-140618110	16"	3.00"	150	.625"	777	50-140918110	19"	5.50"	113	1.25"	328	50-1401218110
16"	16"	16"	13"	2.00"	253	.250"	3684	50-160616110	16"	3.00"	168	.500"	1092	50-160916110	19"	5.50"	126	1.13"	461	50-1601216110
16"	16"	18"	13"	2.00"	253	.250"	3684	50-160618110	16"	3.00"	168	.500"	1092	50-160918110	19"	5.50"	126	1.13"	461	50-1601218110
18"	18"	18"	13"	2.00"	280	.250"	4997	50-180618110	16"	3.00"	186	.500"	1480	50-180918110	19"	5.25"	171	1.00"	783	50-1801218110
18"	18"	20"	13"	2.00"	280	.250"	4997	50-180620110	16"	3.00"	186	.500"	1480	50-180920110	19"	5.25"	171	1.00"	783	50-1801220110
20"	20"	20"	13"	2.00"	307	.188"	6587	50-200620110	16"	3.00"	204	.500"	1952	50-200920110	19"	5.25"	187	.875"	1030	50-2001220110
20"	20"	22"	13"	2.00"	307	.188"	6587	50-200622110	16"	3.00"	204	.500"	1952	50-200922110	19"	5.25"	187	.875"	1030	50-2001222110

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