

# ANSI MAX FLOW FLOATING FLANGE EXHAUST EXPANSION JOINTS

RATED: 5 PSIG @ 1000°F

- 1- Multi-ply T-321 stainless exhaust bellows (oversized)
  - 2- Floating 150# drilled ANSI inlet flange A-36 c/s
  - 3- Floating 150# drilled 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 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.
5"	5"	5"	13"	2.00"	131	.625"	288	50-5065120	16"	3.00"	82	1.00"	80	50-5095120	19"	5.00"	49	1.50"	28	50-50125120
5"	5"	6"	13"	2.00"	131	.625"	288	50-5066120	16"	3.00"	82	1.00"	80	50-5096120	19"	5.00"	49	1.50"	28	50-50126120
5"	5"	8"	13"	2.00"	131	.625"	288	50-5068120	16"	3.00"	82	1.00"	80	50-5098120	19"	5.00"	49	1.50"	28	50-50128120
6"	6"	6"	13"	2.00"	165	.500"	591	50-6066120	16"	3.00"	103	1.00"	165	50-6096120	19"	5.50"	64	1.50"	58	50-60126120
6"	6"	8"	13"	2.00"	165	.500"	591	50-6068120	16"	3.00"	103	1.00"	165	50-6098120	19"	5.50"	64	1.50"	58	50-60128120
6"	6"	10"	13"	2.00"	165	.500"	591	50-60610120	16"	3.00"	103	1.00"	165	50-6090120	19"	5.50"	64	1.50"	58	50-601210120
8"	8"	8"	13"	2.00"	154	.430"	845	50-8068120	16"	3.00"	103	1.00"	248	50-8098120	19"	5.50"	80	1.50"	110	50-80128120
8"	8"	10"	13"	2.00"	154	.430"	845	50-80610120	16"	3.00"	103	1.00"	248	50-80910120	19"	5.50"	80	1.50"	110	50-801210120
8"	8"	12"	13"	2.00"	154	.430"	845	50-80612120	16"	3.00"	103	1.00"	248	50-80912120	19"	5.50"	80	1.50"	110	50-801212120
8"	8"	14"	13"	2.00"	154	.430"	845	50-80614120	16"	3.00"	103	1.00"	248	50-80914120	19"	5.50"	80	1.50"	110	50-801214120
10"	10"	10"	13"	2.00"	181	.375"	1369	50-100610120	16"	3.00"	121	.875"	405	50-100910120	19"	5.50"	91	1.50"	171	50-1001210120
10"	10"	12"	13"	2.00"	181	.375"	1368	50-100612120	16"	3.00"	121	.875"	405	50-100912120	19"	5.50"	91	1.50"	171	50-1001212120
10"	10"	14"	13"	2.00"	181	.375"	1368	50-100614120	16"	3.00"	121	.875"	405	50-100914120	19"	5.50"	91	1.50"	171	50-1001214120
12"	12"	12"	13"	2.00"	198	.375"	1788	50-120612120	16"	3.00"	132	.750"	530	50-120912120	19"	5.50"	99	1.50"	223	50-1201212120
12"	12"	14"	13"	2.00"	198	.375"	1788	50-120614120	16"	3.00"	132	.750"	530	50-120914120	19"	5.50"	99	1.50"	223	50-1201214120
12"	12"	16"	13"	2.00"	198	.375"	1788	50-120616120	16"	3.00"	132	.750"	530	50-120916120	19"	5.50"	99	1.50"	223	50-1201216120
14"	14"	14"	13"	2.00"	225	.250"	2623	50-140614120	16"	3.00"	150	.625"	777	50-140914120	19"	5.50"	113	1.25"	328	50-1401214120
14"	14"	16"	13"	2.00"	225	.250"	2623	50-140616120	16"	3.00"	150	.625"	777	50-140916120	19"	5.50"	113	1.25"	328	50-1401216120
14"	14"	18"	13"	2.00"	225	.250"	2623	50-140618120	16"	3.00"	150	.625"	777	50-140918120	19"	5.50"	113	1.25"	328	50-1401218120
16"	16"	16"	13"	2.00"	253	.250"	3684	50-160616120	16"	3.00"	168	.500"	1092	50-160916120	19"	5.50"	126	1.13"	461	50-1601216120
16"	16"	18"	13"	2.00"	253	.250"	3684	50-160618120	16"	3.00"	168	.500"	1092	50-160918120	19"	5.50"	126	1.13"	461	50-1601218120
18"	18"	18"	13"	2.00"	280	.250"	4997	50-180618120	16"	3.00"	186	.500"	1480	50-180918120	19"	5.25"	171	1.00"	783	50-1801218120
18"	18"	20"	13"	2.00"	280	.250"	4997	50-180620120	16"	3.00"	186	.500"	1480	50-180920120	19"	5.25"	171	1.00"	783	50-1801220120
20"	20"	20"	13"	2.00"	307	.188"	6587	50-200620120	16"	3.00"	204	.500"	1952	50-200920120	19"	5.25"	187	.875"	1030	50-2001220120
20"	20"	22"	13"	2.00"	307	.188"	6587	50-200622120	16"	3.00"	204	.500"	1952	50-200922120	19"	5.25"	187	.875"	1030	50-2001222120

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