

CAT MAX FLOW FIXED X FLOAT EXHAUST EXPANSION JOINTS

RATED: 5 PSIG @ 1000°F

- 1- Multi-ply T-321 stainless exhaust bellows (oversized)
 - 2- Floating cat 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 (CAT)	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.
4"	4"	4"	13"	2.00"	105	.625"	170	50-4064190	16"	3.00"	66	1.00"	47	50-4094190	19"	4.00"	43	1.50"	18	50-40124190
4"	4"	5"	13"	2.00"	105	.625"	170	50-4065190	16"	3.00"	66	1.00"	47	50-4095190	19"	4.00"	43	1.50"	18	50-40125190
4"	4"	6"	13"	2.00"	105	.625"	170	50-4066190	16"	3.00"	66	1.00"	47	50-4096190	19"	4.00"	43	1.50"	18	50-40126190
5"	5"	5"	13"	2.00"	131	.625"	288	50-5065190	16"	3.00"	82	1.00"	80	50-5095190	19"	5.00"	49	1.50"	28	50-50125190
5"	5"	6"	13"	2.00"	131	.625"	288	50-5066190	16"	3.00"	82	1.00"	80	50-5096190	19"	5.00"	49	1.50"	28	50-50126190
5"	5"	8"	13"	2.00"	131	.625"	288	50-5068190	16"	3.00"	82	1.00"	80	50-5098190	19"	5.00"	49	1.50"	28	50-50128190
6"	6"	6"	13"	2.00"	165	.500"	591	50-6066190	16"	3.00"	103	1.00"	165	50-6096190	19"	5.50"	64	1.50"	58	50-60126190
6"	6"	8"	13"	2.00"	165	.500"	591	50-6068190	16"	3.00"	103	1.00"	165	50-6098190	19"	5.50"	64	1.50"	58	50-60128190
6"	6"	10"	13"	2.00"	165	.500"	591	50-50610190	16"	3.00"	103	1.00"	165	50-50910190	19"	5.50"	64	1.50"	58	50-501210190
8"	8"	8"	13"	2.00"	154	.430"	845	50-8068190	16"	3.00"	103	1.00"	248	50-8098190	19"	5.50"	80	1.50"	110	50-80128190
8"	8"	10"	13"	2.00"	154	.430"	845	50-80610190	16"	3.00"	103	1.00"	248	50-80910190	19"	5.50"	80	1.50"	110	50-801210190
8"	8"	12"	13"	2.00"	154	.430"	845	50-80612190	16"	3.00"	103	1.00"	248	50-80912190	19"	5.50"	80	1.50"	110	50-801212190
8"	8"	14"	13"	2.00"	154	.430"	845	50-80614190	16"	3.00"	103	1.00"	248	50-80914190	19"	5.50"	80	1.50"	110	50-801214190
10"	10"	10"	13"	2.00"	181	.375"	1369	80-100610190	16"	3.00"	121	.875"	405	80-100910190	19"	5.50"	91	1.50"	171	80-1001210190
10"	10"	12"	13"	2.00"	181	.375"	1368	50-100612190	16"	3.00"	121	.875"	405	50-100912190	19"	5.50"	91	1.50"	171	50-1001212190
10"	10"	14"	13"	2.00"	181	.375"	1368	50-100614190	16"	3.00"	121	.875"	405	50-100914190	19"	5.50"	91	1.50"	171	50-1001214190
12"	12"	12"	13"	2.00"	198	.375"	1788	50-120612190	16"	3.00"	132	.750"	530	50-120912190	19"	5.50"	99	1.50"	223	50-1201212190
12"	12"	14"	13"	2.00"	198	.375"	1788	50-120614190	16"	3.00"	132	.750"	530	50-120914190	19"	5.50"	99	1.50"	223	50-1201214190
12"	12"	16"	13"	2.00"	198	.375"	1788	50-120616190	16"	3.00"	132	.750"	530	50-120916190	19"	5.50"	99	1.50"	223	50-1201216190
14"	14"	14"	13"	2.00"	225	.250"	2623	50-140614190	16"	3.00"	150	.625"	777	50-140914190	19"	5.50"	113	1.25"	328	50-1401214190
14"	14"	16"	13"	2.00"	225	.250"	2623	50-140616190	16"	3.00"	150	.625"	777	50-140916190	19"	5.50"	113	1.25"	328	50-1401216190
14"	14"	18"	13"	2.00"	225	.250"	2623	50-140618190	16"	3.00"	150	.625"	777	50-140918190	19"	5.50"	113	1.25"	328	50-1401218190
16"	16"	16"	13"	2.00"	253	.250"	3684	50-160616190	16"	3.00"	168	.500"	1092	50-160916190	19"	5.50"	126	1.13"	461	50-1601216190
16"	16"	18"	13"	2.00"	253	.250"	3684	50-160618190	16"	3.00"	168	.500"	1092	50-160918190	19"	5.50"	126	1.13"	461	50-1601218190
18"	18"	18"	13"	2.00"	280	.250"	4997	50-180618190	16"	3.00"	186	.500"	1480	50-180918190	19"	5.25"	171	1.00"	783	50-1801218190
18"	18"	20"	13"	2.00"	280	.250"	4997	50-180620190	16"	3.00"	186	.500"	1480	50-180920190	19"	5.25"	171	1.00"	783	50-1801220190

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