

DIN PN-6 METRIC EXPANSION JOINTS

RATED: 5 PSIG @ 1000°F

- 1- Multi-ply T-321 stainless exhaust bellows
- 2- Fixed DIN PN-6 inlet flange A-36
- 3- Fixed DIN PN-6 inlet flange A-36
- 4- T-304 / T-321 s/s flow liners (optional)
- * Design per EJMA 10th Edition
- * Welding per ASME Section IX



SIZE						
SIZE	INLET (DIN)	OUTLET (DIN)	FLANGE O.D. (MM)	BOLT CIRCLE (MM)	NUMBER BOLT HOLES	BOLT HOLE DIAMETER (MM)
3"	80mm	80mm	190	150	4	18
4"	100mm	100mm	210	170	4	18
5"	125mm	125mm	240	200	8	18
6"	150mm	150mm	265	225	8	18
8"	200mm	200mm	320	280	8	18
10"	250mm	250mm	375	335	12	18
12"	300mm	300mm	440	395	12	22
14"	350mm	350mm	490	445	12	22
16"	400mm	400mm	540	495	16	22
18"	450mm	450mm	595	550	16	22
20"	500mm	500mm	645	600	20	22
24"	600mm	600mm	755	705	20	26
28"	700mm	700mm	860	810	24	26
32"	800mm	800mm	975	920	24	30
36"	900mm	900mm	1075	1020	24	30

9" L/L MULTI-PLY BELLOWS					
OVERALL LENGTH (INCH)	AXIAL COMPRESSION*	AXIAL SPRING RATE (LBS/INCH)	LATERAL OFFSET*	LATERAL SPRING RATE (LBS/INCH)	PART No.
12.50"	2.00"	83	1.00"	24	50-3090-PN6
12.50"	3.00"	46	1.00"	22	50-4090-PN6
12.75"	3.00"	66	1.00"	47	50-5090-PN6
12.75"	3.00"	82	1.00"	80	50-6090-PN6
13.00"	3.00"	103	1.00"	165	50-8090-PN6
13.00"	3.00"	103	1.00"	248	50-10090-PN6
13.00"	3.00"	121	.875"	405	50-12090-PN6
13.25"	3.00"	132	.750"	530	50-14090-PN6
13.25"	3.00"	150	.625"	777	50-16090-PN6
13.50"	3.00"	168	.500"	1092	50-18090-PN6
13.50"	3.00"	186	.500"	1480	50-20090-PN6
13.50"	3.00"	222	.500"	2513	50-24090-PN6
13.50"	3.00"	320	.375"	4980	50-28090-PN6
13.50"	3.00"	364	.313"	7342	50-32090-PN6
13.50"	3.00"	289	.250"	7382	50-36090-PN6

12" L/L MULTI-PLY BELLOWS					
OVERALL LENGTH (INCH)	AXIAL COMPRESSION*	AXIAL SPRING RATE (LBS/INCH)	LATERAL OFFSET*	LATERAL SPRING RATE (LBS/INCH)	PART No.
15.50"	X	X	X	X	N/A
15.50"	2.50"	55	1.50"	15	50-40120-PN6
15.75"	4.00"	43	1.50"	18	50-50120-PN6
15.75"	5.00"	49	1.50"	28	50-60120-PN6
16.00"	5.50"	64	1.50"	58	50-80120-PN6
16.00"	5.50"	80	1.50"	110	50-100120-PN6
16.00"	5.50"	91	1.50"	171	50-120120-PN6
16.25"	5.50"	99	1.50"	223	50-140120-PN6
16.25"	5.50"	113	1.25"	328	50-160120-PN6
16.50"	5.50"	126	1.13"	461	50-180120-PN6
16.50"	5.25"	171	1.00"	783	50-200120-PN6
16.50"	5.25"	204	.750"	1324	50-240120-PN6
16.50"	5.25"	236	.750"	2070	50-280120-PN6
16.50"	5.25"	269	.625"	3051	50-320120-PN6
16.50"	5.25"	217	.500"	3114	50-360120-PN6

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

Contact Triad Bellows sales for single-ply expansion joints