9" L/L MULTI-PLY BELLOWS DATA

INCONEL 625

NOMINAL SIZE	BELLOWS I.D.	LIVE LENGTH	AXIAL COMP.	AXIAL SPRING RATE (LBS/INCH)	CYCLES	LATERAL OFFSET	LATERAL SPRING RATE (LBS/INCH)	CYCLES	MAX PRESSURE	MAX TEMP	PART NUMBER
3" TUBE	3.00"	9.00"	1.63"	81	100,000	1.00"	18	100,000	5 PSIG	1300ºF	12-3090-625
3" PIPE	3.50"	9.00"	2.00"	93	50,275	1.00"	27	100,000	5 PSIG	1300ºF	12-3590-625
4" TUBE	4.00"	9.00"	2.75"	75	17,827	1.00"	28	100,000	5 PSIG	1300ºF	12-4090-625
4" PIPE	4.50"	9.00"	3.00"	52	41,821	1.00"	25	100,000	5 PSIG	1300ºF	12-4590-625
5" TUBE	5.00"	9.00"	3.00"	72	38,565	1.00"	43	100,000	5 PSIG	1300ºF	12-5090-625
5" PIPE	5.56"	9.00"	3.00"	73	48,833	1.00"	53	100,000	5 PSIG	1300ºF	12-5590-625
6" TUBE	6.00"	9.00"	3.00"	83	37,348	1.00"	69	100,000	5 PSIG	1300ºF	12-6090-625
6" PIPE	6.63"	9.00"	3.00"	92	32,754	1.00"	92	100,000	5 PSIG	1300ºF	12-6590-625
8" TUBE	8.00"	9.00"	3.00"	108	28,799	1.00"	152	34,211	5 PSIG	1300ºF	12-8090-625
8" PIPE	8.63"	9.00"	3.00"	117	26,166	1.00"	189	21,477	5 PSIG	1300ºF	12-8590-625
10" TUBE	10.00"	9.00"	3.00"	113	43,825	1.00"	239	17,450	5 PSIG	1300ºF	12-10090-625
10" PIPE	10.75"	9.00"	3.00"	116	47,557	1.00"	281	13,316	5 PSIG	1300ºF	12-10590-625
12" TUBE	12.00"	9.00"	3.00"	133	38,508	.750"	398	28,317	5 PSIG	1300ºF	12-12090-625
12" PIPE	12.75"	9.00"	3.00"	136	42,943	.750"	455	23,121	5 PSIG	1300ºF	12-12590-625
14"	14.00"	9.00"	3.00"	194	62,613	.750"	807	18,609	5 PSIG	1300ºF	12-14090-625
16"	16.00"	9.00"	3.00"	218	55,604	.625"	1,167	22,481	5 PSIG	1300ºF	12-16090-625
18"	18.00"	9.00"	3.00"	242	50,493	.625"	1,619	11,796	5 PSIG	1300ºF	12-18090-625
20"	20.00"	9.00"	3.00"	266	46,814	.500"	2,176	20,444	5 PSIG	1300ºF	12-20090-625
22"	22.00'	9.00"	3.00"	292	44,906	.500"	2,859	12,470	5 PSIG	1300ºF	12-22090-625
24"	24.00"	9.00"	3.00"	317	43,327	.438"	3,671	15,492	5 PSIG	1300ºF	12-24090-625
26"	26.00"	9.00"	3.00"	342	41,997	.375"	4,623	22,317	5 PSIG	1300ºF	12-26090-625
28"	28.00"	9.00"	3.00"	368	40,859	.375"	5,725	15,123	5 PSIG	1300ºF	12-28090-625
30"	30.00"	9.00"	3.00"	504	45,118	.375"	9,062	11,552	5 PSIG	1300ºF	12-30090-625
32"	32.00"	9.00"	3.00"	536	44,106	.313"	10,926	20,679	5 PSIG	1300ºF	12-32090-625
34"	34.00"	9.00"	3.00"	569	43,213	.313"	13,028	15,076	5 PSIG	1300ºF	12-34090-625
36"	36.00"	9.00"	3.00"	601	42,472	.313"	15,383	11,299	5 PSIG	1300ºF	12-36090-625
38"	38.00"	9.00"	3.00"	634	42,150	.250"	18,000	26,677	5 PSIG	1300ºF	12-38090-625
40"	40.00"	9.00"	3.00"	667	41,859	.250"	20,896	20,433	5 PSIG	1300ºF	12-40090-625
42"	42.00"	9.00"	3.00"	698	41,595	.250"	24,086	15,956	5 PSIG	1300ºF	12-42090-625
44"	44.00"	9.00"	3.00"	730	41,353	.250"	27,584	12,670	5 PSIG	1300ºF	12-44090-625
46"	46.00"	9.00"	3.00"	762	41,132	.250"	31,404	10,209	5 PSIG	1300ºF	12-46090-625
48"	48.00"	9.00"	3.00"	794	40,928	.250"	35,560	35,863	5 PSIG	1300ºF	12-48090-625

1. Movements listed are non-concurrent.

   Triad engineers will privide an EJMA 9th Edition data sheet with concurrent movements specific to your application

2. Cycle life data is theoretical based on EJMA 9th Edition formulas and is not guaranteed.

   The cycle life will increase as the required movement is decreased

3. Axial and lateral spring rates are based on the maximum allowable temperature shown.

   The pressure capability and spring rates increase as the temperature