

6" 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"	6.00'	1.25"	120	92,340	.625"	58	100,000	5 PSIG	1300°F	12-3060-625
3" PIPE	3.50"	6.00'	1.25"	138	27,660	.625"	88	90,026	5 PSIG	1300°F	12-3560-625
4" TUBE	4.00"	6.00'	1.75"	120	32,010	.625"	106	100,000	5 PSIG	1300°F	12-4060-625
4" PIPE	4.50"	6.00'	1.75"	135	30,307	.625"	146	51,166	5 PSIG	1300°F	12-4560-625
5" TUBE	5.00"	6.00'	2.00"	117	30,598	.625"	155	61,602	5 PSIG	1300°F	12-5060-625
5" PIPE	5.56"	6.00'	2.00"	118	38,827	.625"	191	45,331	5 PSIG	1300°F	12-5560-625
6" TUBE	6.00"	6.00'	2.00"	134	32,111	.625"	247	26,146	5 PSIG	1300°F	12-6060-625
6" PIPE	6.63"	6.00'	2.00"	147	30,492	.625"	323	15,672	5 PSIG	1300°F	12-6560-625
8" TUBE	8.00"	6.00'	2.00"	162	34,862	.500"	505	22,957	5 PSIG	1300°F	12-8060-625
8" PIPE	8.63"	6.00'	2.00"	175	31,443	.500"	627	14,603	5 PSIG	1300°F	12-8560-625
10" TUBE	10.00"	6.00'	2.00"	162	50,346	.500"	776	10,941	5 PSIG	1300°F	12-10060-625
10" PIPE	10.75"	6.00'	2.00"	173	47,557	.430"	949	15,700	5 PSIG	1300°F	12-10560-625
12" TUBE	12.00"	6.00'	2.00"	192	44,179	.375"	1,292	17,390	5 PSIG	1300°F	12-12060-625
12" PIPE	12.75"	6.00'	2.00"	203	42,943	.375"	1,536	12,731	5 PSIG	1300°F	12-12560-625
14"	14.00"	6.00'	2.00"	223	41,193	.375"	2,007	8,000	5 PSIG	1300°F	12-14060-625
16"	16.00"	6.00'	2.00"	253	38,984	.250"	2,945	30,772	5 PSIG	1300°F	12-16060-625
18"	18.00"	6.00'	2.00"	284	37,277	.250"	4,136	16,380	5 PSIG	1300°F	12-18060-625
20"	20.00"	6.00'	2.00"	314	35,913	.250"	5,609	9,612	5 PSIG	1300°F	12-20060-625
22"	22.00'	6.00'	2.00"	344	34,797	.188"	7,395	24,553	5 PSIG	1300°F	12-22060-625
24"	24.00"	6.00'	2.00"	374	33,863	.188"	9,522	15,521	5 PSIG	1300°F	12-24060-625
26"	26.00"	6.00'	2.00"	515	43,996	.188"	15,461	13,058	5 PSIG	1300°F	12-26060-625
28"	28.00"	6.00'	2.00"	554	42,864	.188"	19,163	9,021	5 PSIG	1300°F	12-28060-625
30"	30.00"	6.00'	2.00"	592	41,883	.125"	23,409	51,835	5 PSIG	1300°F	12-30060-625
32"	32.00"	6.00'	2.00"	630	41,023	.125"	28,238	35,802	5 PSIG	1300°F	12-32060-625
34"	34.00"	6.00'	2.00"	668	40,261	.125"	33,686	25,633	5 PSIG	1300°F	12-34060-625
36"	36.00"	6.00'	2.00"	442	100,000	.063"	25,133	100,000	5 PSIG	1300°F	12-36060-625
38"	38.00"	6.00'	2.00"	513	100,000	.063"	32,727	100,000	5 PSIG	1300°F	12-38060-625
40"	40.00"	6.00'	2.00"	539	100,000	.063"	37,995	100,000	5 PSIG	1300°F	12-40060-625
42"	42.00"	6.00'	2.00"	565	100,000	.063"	43,798	100,000	5 PSIG	1300°F	12-42060-625
44"	44.00"	6.00'	2.00"	591	100,000	.063"	50,161	100,000	5 PSIG	1300°F	12-44060-625
46"	46.00"	6.00'	2.00"	617	100,000	.063"	57,101	100,000	5 PSIG	1300°F	12-46060-625
48"	48.00"	6.00'	2.00"	643	100,000	.063"	64,645	100,000	5 PSIG	1300°F	12-48060-625

Movements listed are non-concurrent.

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

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

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

The pressure capability and spring rates increase as the temperature