

# 6" L/L MULTI-PLY BELLOWS DATA

## T-321 STAINLESS

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"	107	100,000	.625"	53	100,000	5 PSIG	1200°F	12-3060
3" PIPE	3.50"	6.00"	1.50"	123	36,198	.625"	81	100,000	5 PSIG	1200°F	12-3560
4" TUBE	4.00"	6.00"	1.75"	107	44,325	.625"	94	100,000	5 PSIG	1200°F	12-4060
4" PIPE	4.50"	6.00"	1.75"	120	41,877	.625"	129	73,147	5 PSIG	1200°F	12-4560
5" TUBE	5.00"	6.00"	2.00"	104	42,157	.625"	138	87,331	5 PSIG	1200°F	12-5060
5" PIPE	5.56"	6.00"	2.00"	105	53,964	.625"	170	63,398	5 PSIG	1200°F	12-5560
6" TUBE	6.00"	6.00"	2.00"	119	44,316	.625"	220	35,817	5 PSIG	1200°F	12-6060
6" PIPE	6.63"	6.00"	2.00"	131	42,000	.625"	288	21,118	5 PSIG	1200°F	12-6560
8" TUBE	8.00"	6.00"	2.00"	153	36,235	.500"	476	23,821	5 PSIG	1200°F	12-8060
8" PIPE	8.63"	6.00"	2.00"	165	32,667	.500"	591	15,127	5 PSIG	1200°F	12-8560
10" TUBE	10.00"	6.00"	2.00"	145	70,635	.500"	691	14,581	5 PSIG	1200°F	12-10060
10" PIPE	10.75"	6.00"	2.00"	154	66,559	.430"	845	21,135	5 PSIG	1200°F	12-10560
12" TUBE	12.00"	6.00"	2.00"	171	61,644	.430"	1,151	11,763	5 PSIG	1200°F	12-12060
12" PIPE	12.75"	6.00"	2.00"	181	59,850	.375"	1,368	17,035	5 PSIG	1200°F	12-12560
14"	14.00"	6.00"	2.00"	198	57,316	.375"	1,788	10,577	5 PSIG	1200°F	12-14060
16"	16.00"	6.00"	2.00"	225	54,125	.250"	2,623	42,346	5 PSIG	1200°F	12-16060
18"	18.00"	6.00"	2.00"	253	51,665	.250"	3,684	22,077	5 PSIG	1200°F	12-18060
20"	20.00"	6.00"	2.00"	280	48,705	.250"	4,997	12,766	5 PSIG	1200°F	12-20060
22"	22.00"	6.00"	2.00"	307	48,101	.188"	6,587	33,522	5 PSIG	1200°F	12-22060
24"	24.00"	6.00"	2.00"	333	46,763	.188"	8,482	20,866	5 PSIG	1200°F	12-24060
26"	26.00"	6.00"	2.00"	460	60,697	.188"	13,908	16,929	5 PSIG	1200°F	12-26060
28"	28.00"	6.00"	2.00"	494	59,079	.188"	17,238	11,595	5 PSIG	1200°F	12-28060
30"	30.00"	6.00"	2.00"	528	57,677	.125"	21,059	70,098	5 PSIG	1200°F	12-30060
32"	32.00"	6.00"	2.00"	562	56,449	.125"	25,403	47,788	5 PSIG	1200°F	12-32060
34"	34.00"	6.00"	2.00"	596	55,363	.063"	30,304	100,000	5 PSIG	1200°F	12-34060
36"	36.00"	6.00"	2.00"	433	100,000	.063"	24,913	100,000	2 PSIG	1200°F	12-36060
38"	38.00"	6.00"	2.00"	457	100,000	.063"	29,152	100,000	2 PSIG	1200°F	12-38060
40"	40.00"	6.00"	2.00"	480	100,000	.063"	33,844	100,000	2 PSIG	1200°F	12-40060
42"	42.00"	6.00"	2.00"	503	100,000	.063"	39,013	100,000	2 PSIG	1200°F	12-42060
44"	44.00"	6.00"	2.00"	526	100,000	.063"	44,681	100,000	2 PSIG	1200°F	12-44060
46"	46.00"	6.00"	2.00"	549	100,000	.063"	50,863	100,000	2 PSIG	1200°F	12-46060
48"	48.00"	6.00"	2.00"	572	100,000	.063"	57,583	100,000	2 PSIG	1200°F	12-48060

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 requirement is decreased.