

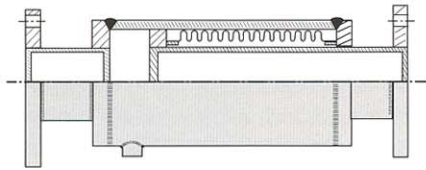
# FLEXICRAFT

## MODEL EP EXPANSION JOINTS EXTERNALLY PRESSURIZED

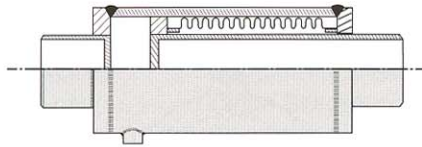


The **EP** solves the problem of long axial travel for expansion joints. It comes standard for movements of 4", 6" and 8". They are available in 150 and 300 psi models, and can be configured as doubles if required.

Maximum Working Pressure . . . . .150 or 300 psi  
 Working Temperature . . . . .850 F  
 Test Pressure . . . . .225/450 psi  
 Bellows . . . . .2-Ply T304 S/S



**FLANGED END**



**WELD END**

SIZE	COM-PRESSION	150PSI CLASS				300PSI CLASS			
		FLANGED		WELD END		FLANGED		WELD END	
		OAL (in)	WT (lbs)	OAL (in)	WT (lbs)	OAL (in)	WT (lbs)	OAL (in)	WT (lbs)
2"	4"	24-7/8	34	24-1/4	26	25-3/4	49	23-1/4	35
	6"	31-5/8	41	31	33	34-3/4	63	32	48
	8"	38-3/8	50	37-3/4	42	41-3/4	72	39-1/4	58
2-1/2"	4"	25-1/8	40	24-1/2	29	25-3/4	56	23-1/4	36
	6"	31-7/8	48	31-1/4	37	34-3/4	73	32	52
	8"	38-5/8	58	38	47	41-3/4	84	39-1/4	63
3"	4"	23-7/8	51	23-1/4	38	24-1/2	75	22-1/4	47
	6"	30-1/8	60	29-1/2	47	31	87	28-1/2	59
	8"	38-3/8	75	37-3/4	62	39-1/2	106	37-1/4	78
4"	4"	23-7/8	16	24-1/4	59	25-3/4	121	22-3/4	74
	6"	31-3/8	89	30-3/4	73	32-1/2	141	29-1/2	94
	8"	37-7/8	110	37-1/4	94	41-1/4	170	38-1/2	124
5"	4"	25	112	24-1/4	91	24-1/2	158	21-1/2	97
	6"	31-1/2	133	30-3/4	112	30-3/4	181	27-1/2	120
	8"	38-1/4	165	37-1/2	144	36-3/4	203	33-3/4	143
6"	4"	25-1/2	138	24-3/4	115	25-1/4	190	21-1/2	106
	6"	32-1/4	162	31-1/2	139	31-1/4	214	27-1/2	130
	8"	38-1/2	200	37-3/4	177	37-1/2	239	33-3/4	155
8"	4"	28-1/4	198	27-1/4	153	26-3/4	295	22-1/2	168
	6"	34-3/4	230	33-3/4	185	33-1/2	336	29	209
	8"	42	283	41	238	40	377	35-3/4	250
10"	4"	27	240	26	186	28-1/2	396	23-3/4	216
	6"	34	281	33	227	35-3/4	452	30-3/4	272
	8"	40-1/4	342	39-1/4	238	44-3/4	534	40	354
12"	4"	27	308	26	226	30-1/2	540	25	285
	6"	33-1/4	355	32-1/4	273	38-1/4	610	32-1/2	355
	8"	39-3/4	428	38-3/4	346	47-3/4	712	42-1/4	457
12"	4"	28-1/4	491	24-1/2	293	30-3/4	732	25	373
	6"	36	565	32	367	38-1/2	828	32-1/2	468
	8"	45-1/2	671	41-3/4	473	48	966	42-1/4	607

SIZE	COM-PRESSION	150PSI CLASS				300PSI CLASS			
		FLANGED		WELD END		FLANGED		WELD END	
		OAL (in)	WT (lbs)	OAL (in)	WT (lbs)	OAL (in)	WT (lbs)	OAL (in)	WT (lbs)
16"	4"	28-3/4	547	24-1/2	329	31-1/2	798	25	418
	6"	36-1/4	631	32	412	39-1/4	905	32-1/2	525
	8"	46	749	41-3/4	530	48-3/4	1060	42-1/4	680
18"	4"	29	652	24-1/2	364	31-3/4	1007	25	463
	6"	36-1/2	745	32	456	39-1/2	1126	32-1/2	581
	8"	46-1/4	875	41-3/4	588	49	1297	42-1/4	753
20"	4"	29-3/4	766	24-1/2	400	32	1189	25	508
	6"	37-1/4	868	32	501	39-3/4	1319	32-1/2	637
	8"	47	1012	41-3/4	646	49-1/4	1507	42-1/4	826
24"	4"	30-1/4	961	24-1/2	472	33	1619	25	598
	6"	38	1081	32	590	40-3/4	1772	32-1/2	750
	8"	47-1/2	1250	41-3/4	761	50-1/4	1993	42-1/4	972
30"	4"	30-3/4	1282	24-1/2	583	30-3/4	2484	25	583
	6"	38-1/2	1431	32	731	38-1/2	2676	32-1/2	731
	8"	48	1643	41-3/4	945	48	2956	42-1/4	945
36"	4"	31-3/4	1760	24-1/2	703	31-3/4	3471	25	902
	6"	39-1/2	1942	32	884	39-1/2	3710	32-1/2	1139
	8"	49	2205	41-3/4	1148	49	4063	42-1/4	1494

### ADDITIONAL BELLOWS DATA

SIZE	BELLOWS EFFECTIVE AREA (Inches Squared)		BELLOWS SPRING CONSTANT (Lbs./Inch/Corrugation)					
	150# CLASS	300# CLASS	150# CLASS			300# CLASS		
			4"	6"	8"	4"	6"	8"
2"	13	12	183	115	92	388	260	194
2-1/2"	13	12	183	115	92	388	260	194
3"	21	16	343	235	172	504	380	252
4"	36	30	200	143	103	850	566	424
5"	47	42	235	166	120	1002	668	501
6"	59	53	269	189	138	1140	760	570
8"	89	83	332	235	166	2424	1616	1212
10"	125	135	400	280	200	3266	2177	1633
12"	167	182	463	326	235	3491	2327	1745
14"	212	212	1328	885	1053	2656	1770	1328
16"	276	276	1425	950	712	2850	1900	1424
18"	338	338	1596	1064	798	3192	2128	1596
20"	404	404	1766	1177	883	3532	2354	1766
24"	481	481	1936	1290	968	3812	2580	1936
30"	562	562	2106	1404	1053	4212	2808	2106
36"	635	635	2255	1503	1128	4510	3006	2255