

Externally Pressurized Expansion Joints are Designed to Replace:  
High Maintenance Packed Joints ♦ Space-Confining Pipe Loops ♦ Costly Equalizing Expansion Joints

**Internal Guide Ring**

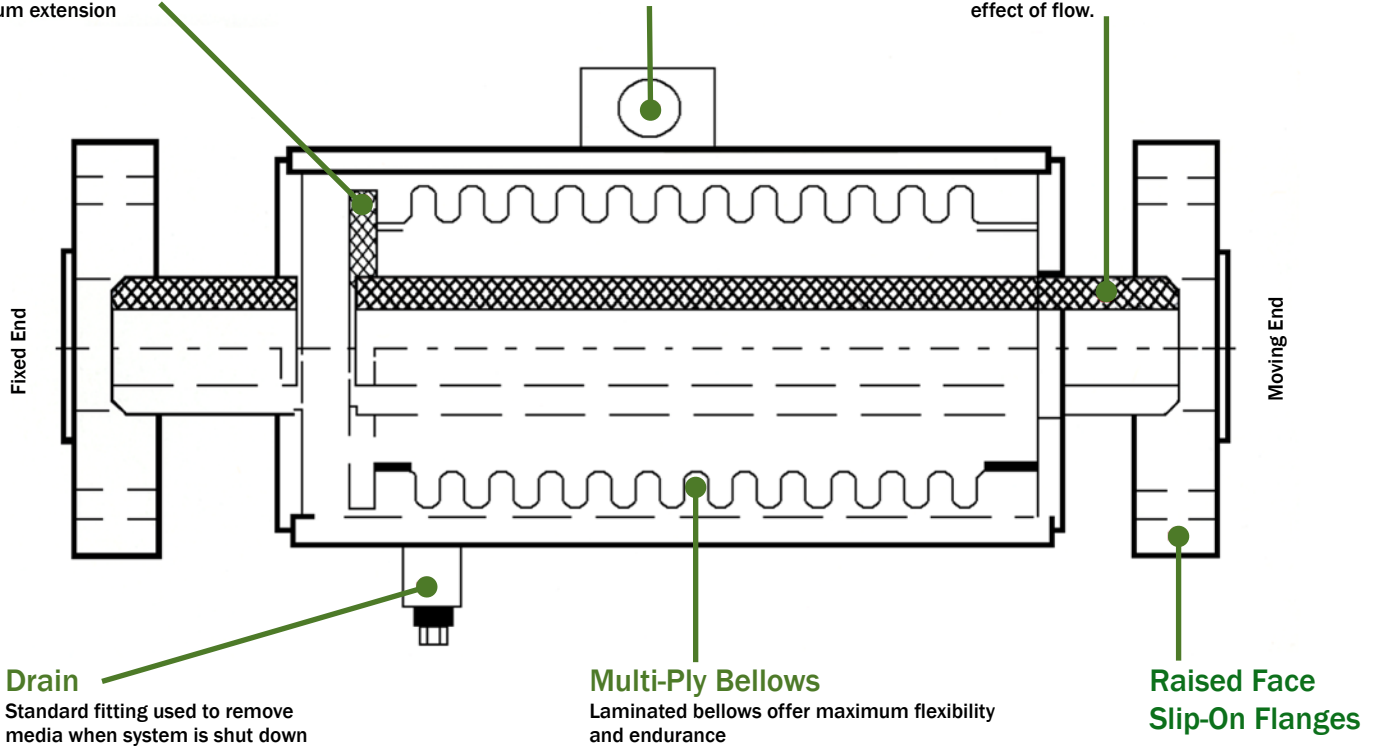
Maintains alignment of inner pipe and housing, prevents contact of bellows with housing, and provides stop for maximum extension

**Lifting Lug**

Standard on all units, for ease of installation

**Liner**

Equivalent to nominal ID size of expansion joint to manage effect of flow.



## Features:

- Up to 8" of axial motion
- 150 PSI or 300 PSI designs
- Integral Liner
- Custom or standard material selection
- Multiple end fitting options

Weld Ends

Grooved Ends

Raised Face Slip On Flanges

## Benefits:

- Eliminates the need for multiple joints in a long runs
- Meets low or high pressure applications
- Manages effect of flow
- Meets most application needs
- Meets most installation needs

## Working Pressure @ 650°F

Size (in)	Axial Compression (in)	150 PSI					300 PSI					Effective Area
		Flanged Ends		Weld Ends		Spring rate	Flanged Ends		Weld Ends		Spring rate	
		OAL	LBS	OAL	LBS		OAL	LBS	OAL	LBS		
1"	4	22-1/2	23	22	19	40	23-1/2	25	23	20	60	7.8"
	6	29-3/4	30	29-1/4	26	25	30-3/4	32	30-1/4	28	40	
	8	36-5/8	35	36-1/8	31	20	37-5/8	37	37-1/8	33	30	
1 1/4"	4	23	26	22-1/2	20	40	24	33	23-1/2	22	60	7.8"
	6	30	34	29-1/2	29	25	31	41	30-1/2	31	40	
	8	36-7/8	39	36-1/8	33	20	37-7/8	44	37-3/8	35	30	
1 1/2"	4	23	26	22-1/2	20	40	24	33	23-1/2	22	60	7.8"
	6	30	35	29-1/2	29	25	31	38	30-1/2	31	40	
	8	36-7/8	39	36-3/8	33	20	37-7/8	41	37-3/8	35	30	
2"	4	23-1/2	44	23	33	40	24-1/2	44	24	35	60	7.8"
	6	30-1/2	56	30	46	25	31-1/2	60	31	48	40	
	8	37-3/8	65	36-7/8	55	20	38-3/8	70	37-7/8	58	30	
2 1/2"	4	26-3/8	51	25-7/8	35	160	27-3/8	54	26-7/8	37	230	19.8"
	6	33-3/8	65	32-7/8	50	100	34-3/8	68	33-7/8	52	150	
	8	43-3/8	75	42-7/8	60	80	44-3/8	79	43-7/8	63	120	
3"	4	26-3/8	63	25-7/8	46	160	27-3/8	68	26-7/8	48	230	19.8"
	6	33-3/8	74	32-7/8	57	100	34-3/8	79	33-7/8	60	150	
	8	43-3/8	91	42-7/8	74	80	44-3/8	96	43-7/8	78	120	
3 1/2"	4	26-3/8	93	25-7/8	69	160	27-3/8	98	26-7/8	72	230	19.8"
	6	33-3/8	109	32-7/8	86	100	34-3/8	115	33-7/8	90	150	
	8	43-3/8	175	42-7/8	152	80	44-3/8	180	43-7/8	163	120	
4"	4	25-3/4	99	25-1/4	72	165	26-3/4	121	26-1/4	74	230	29.5"
	6	33-5/8	117	33-1/8	89	105	34-5/8	127	34-1/8	94	150	
	8	39-5/8	144	39-1/8	116	85	40-5/8	156	40-1/8	124	120	
5"	4	26-7/8	128	26-3/8	95	320	27-7/8	150	27-3/8	97	500	66.8"
	6	34-7/8	149	34-3/8	116	225	35-7/8	175	35-3/8	120	350	
	8	44-3/8	171	43-7/8	138	160	45-3/8	195	44-7/8	143	250	
6"	4	26-7/8	144	26-3/8	102	320	27-7/8	164	27-3/8	106	500	66.8"
	6	34-7/8	167	34-3/8	125	225	35-7/8	187	35-3/8	130	350	
	8	44-3/8	191	43-7/8	149	160	45-3/8	213	44-7/8	155	250	
8"	4	25-1/4	228	24-3/4	161	440	26-1/4	236	25-3/4	168	600	81"
	6	31-3/4	265	31-1/4	198	320	32-3/4	285	32-1/4	209	450	
	8	40-7/8	302	40-3/8	236	220	41-7/8	314	41-3/8	250	300	
10"	4	25-1/4	306	24-3/4	209	490	26-1/4	336	25-3/4	216	900	121"
	6	31-3/4	358	31-1/4	261	350	32-3/4	388	32-1/4	272	670	
	8	40-7/8	434	40-3/8	337	240	41-7/8	483	41-3/8	354	450	

12" Also Available - Contact Factory for Details

