

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

Internal Guide Ring

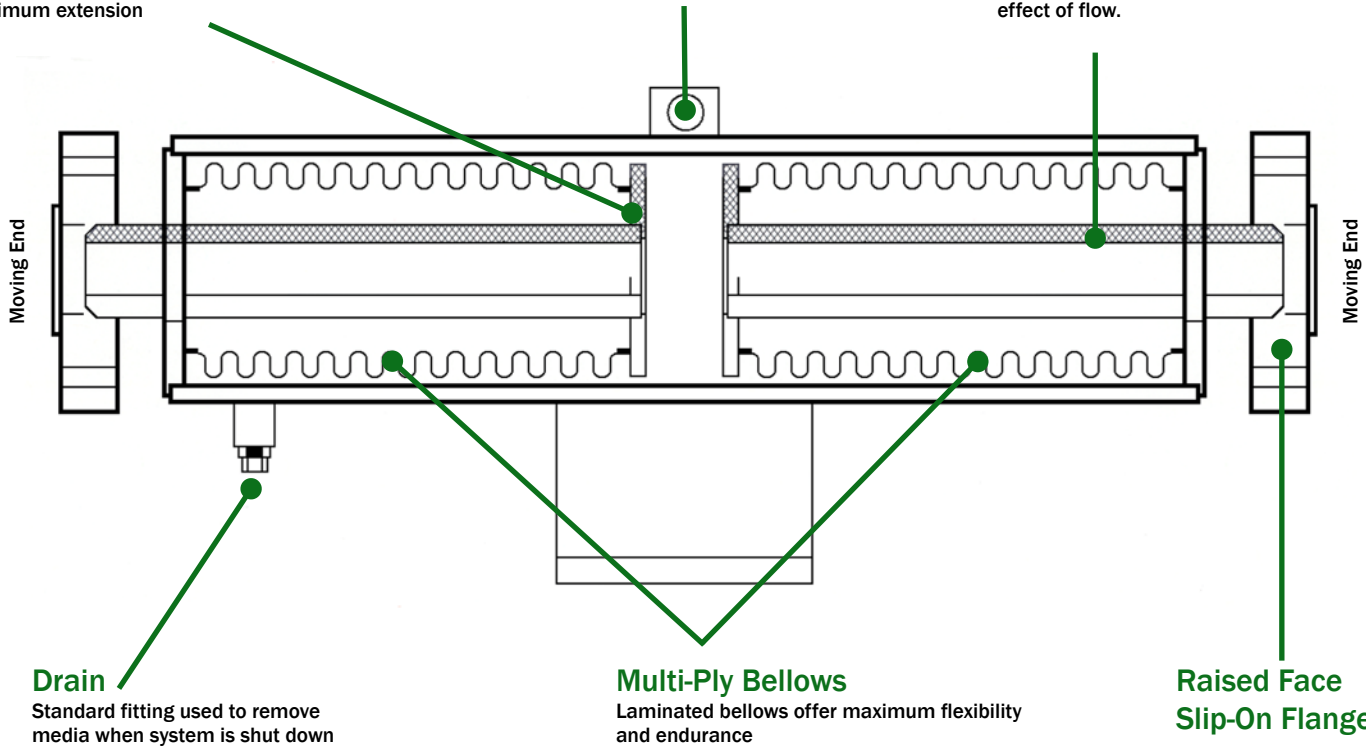
Maintains alignment of inner pipe and housing, prevents contact of bellows with housing, and provides stop for maximum extension

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 16" 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"	8	36-1/4	38	35-3/4	34	40	38-1/4	42	37-3/4	36	60	7.8"
	12	49-3/4	53	49-1/4	49	25	51-3/4	57	51-1/4	51	40	
	16	63-1/2	62	63	58	20	65-1/2	67	65	61	30	
1 1/4"	8	36-3/4	42	36-1/4	35	40	38-3/4	49	38-1/4	37	60	7.8"
	12	50-1/4	56	49-3/4	50	25	52-1/4	64	51-3/4	52	40	
	16	63-3/4	66	63-1/4	60	20	65-3/4	75	65-1/4	63	30	
1 1/2"	8	36-3/4	42	36-1/4	36	40	38-3/4	49	38-1/4	37	60	7.8"
	12	50-1/4	58	49-3/4	52	25	52-1/4	66	51-3/4	54	40	
	16	63-3/4	68	63-1/4	62	20	65-3/4	77	65-1/4	65	30	
2"	8	37-1/4	70	36-3/4	60	40	39-1/4	76	38-3/4	62	60	7.8"
	12	51-1/4	95	50-3/4	85	25	53-1/4	103	52-3/4	89	40	
	16	65	112	64-1/2	102	20	67	123	66-1/2	109	30	
2 1/2"	8	43	79	42-1/2	65	160	45	87	44-1/2	67	230	19.8"
	12	57	106	56-1/2	92	100	59	117	58-1/2	97	150	
	16	77	126	76-1/2	112	80	79	138	78-1/2	118	120	
3"	8	43	98	42-1/2	82	160	45	110	44-1/2	82	230	19.8"
	12	57	120	56-1/2	104	100	59	134	58-1/2	106	150	
	16	77	154	76-1/2	138	80	79	172	78-1/2	146	120	
3 1/2"	8	43	142	42-1/2	120	160	45	143	44-1/2	126	230	19.8"
	12	57	177	46-1/2	155	100	59	181	58-1/2	164	150	
	16	77	232	76-1/2	210	80	79	237	78-1/2	220	120	
4"	8	40-1/4	153	39-3/4	127	165	42-1/4	177	41-3/4	133	230	29.5"
	12	57-1/2	188	57	162	105	59-1/2	215	59	171	150	
	16	69-1/2	242	69	216	85	71-1/2	275	71	231	120	
5"	8	44	200	43-1/2	170	320	46	230	45-1/2	174	500	66.8"
	12	60	242	59-1/2	212	225	62	276	61-1/2	220	350	
	16	79	286	78-1/2	296	160	81	322	80-1/2	266	250	
6"	8	44	222	43-1/2	184	320	46	270	45-1/2	192	500	66.8"
	12	60	268	59-1/2	230	225	62	318	61-1/25	240	350	
	16	79	316	78-1/2	278	160	81	368	80-1/2	290	250	
8"	8	41	320	40-1/2	260	440	43	416	42-1/2	294	600	81"
	12	53-3/4	414	53-1/4	354	320	55-3/4	492	55-1/4	376	450	
	16	72	490	71-1/2	430	220	74	574	73-1/2	458	300	
10"	8	41	440	40-1/2	364	490	43	540	42-1/2	378	900	121"
	12	53-3/4	554	53-1/4	468	350	55-3/4	651	55-1/4	489	670	
	16	72	706	71-1/2	620	240	74	816	73-1/2	654	450	

12" Also Available - Contact Factory for Details

