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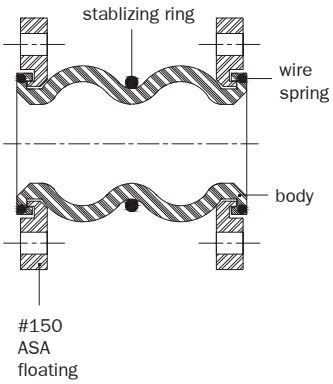
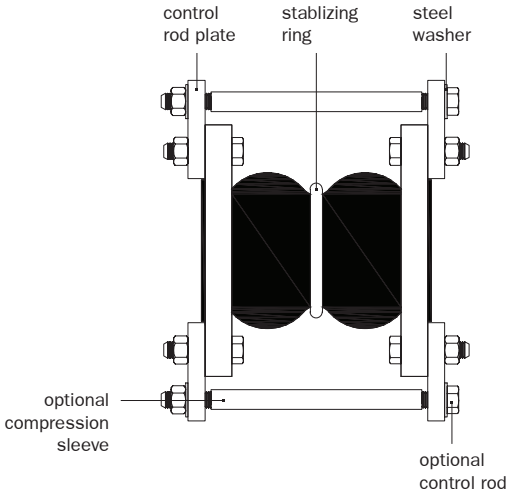
EJE2/EJN2 Double Sphere Flanged Expansion Joint

EJE2 EJN2

File No.: EJEEJN-2-001 Date: 30 Oct 2014
Supersedes: New Date: New





PERFORMANCE AND DIMENSIONS

Model	Body Constr.	Nominal Size		"L" Length Face to Face		Deflections				Working Pressure		Max. Temp.
						Lateral	Axial Ext.	Axial Comp.	Angular	w/o control rod	w/ control rod *	
		in	mm	in	mm	in	in	in	deg	psi	psi	°F
EJE2-1.50	EPDM	1.5	40	7	178	±1 3/4	1 1/8	2	45	179	225	250
EJE2-2	EPDM	2	50	7	178	±1 3/4	1 1/8	2	45	179	225	250
EJE2-2.50	EPDM	2.5	65	7	178	±1 3/4	1 1/8	2	43	179	225	250
EJE2-3	EPDM	3	80	7	178	±1 3/4	1 1/8	2	38	179	225	250
EJE2-4	EPDM	4	100	9	229	±1 1/2	1 3/8	2	34	179	225	250
EJE2-5	EPDM	5	125	9	229	±1 1/2	1 3/8	2	29	134	225	250
EJE2-6	EPDM	6	150	9	229	±1 1/2	1 3/8	2	25	134	225	250
EJE2-8	EPDM	8	200	13	330	±1 3/8	1 3/8	2 3/8	19	134	225	250
EJE2-10	EPDM	10	250	13	330	±1 3/8	1 3/8	2 3/8	15	134	225	250
EJE2-12	EPDM	12	300	13	330	±1 3/8	1 3/8	2 3/8	13	89	225	250
EJE2-14	EPDM	14	350	13 3/4	349	±1 1/8	1 1/8	1 3/4	9	89	150	250
EJE2-16	EPDM	16	400	13 3/4	349	±1 1/8	1 1/8	1 3/4	8	44	125	250
EJN2-1.50	Neoprene	1.5	40	7	178	±1 3/4	1 1/8	2	45	134	225	230
EJN2-2	Neoprene	2	50	7	178	±1 3/4	1 1/8	2	45	134	225	230
EJN2-2.50	Neoprene	2.5	65	7	178	±1 3/4	1 1/8	2	43	134	225	230
EJN2-3	Neoprene	3	80	7	178	±1 3/4	1 1/8	2	38	134	225	230
EJN2-4	Neoprene	4	100	9	229	±1 1/2	1 3/8	2	34	134	225	230
EJN2-5	Neoprene	5	125	9	229	±1 1/2	1 3/8	2	29	134	225	230
EJN2-6	Neoprene	6	150	9	229	±1 1/2	1 3/8	2	25	134	225	230
EJN2-8	Neoprene	8	200	13	330	±1 3/8	1 3/8	2 3/8	19	134	225	230
EJN2-10	Neoprene	10	250	13	330	±1 3/8	1 3/8	2 3/8	15	134	225	230
EJN2-12	Neoprene	12	300	13	330	±1 3/8	1 3/8	2 3/8	13	89	225	230
EJN2-14	Neoprene	14	350	13 3/4	349	±1 1/8	1 1/8	1 3/4	9	89	150	230
EJN2-16	Neoprene	16	400	13 3/4	349	±1 1/8	1 1/8	1 3/4	8	44	125	230

NOTES

- Maximum negative pressure is 26″ HG vacuum
- Temperature range: 20°F – 300°F
- Listed movements cannot occur simultaneously
- 3:1 safety factor (burst to operating pressure)
- Contact factory for stainless steel #150 and carbon steel #300 flanges
- Contact factory for other elastomer requirements for molded body construction
- Metal reinforcement can be provided to accommodate extreme piping system stress

* Control rods are used for achieving these pressure ratings. Control rods are also required for unanchored systems. Suffix "-CR" is added to the model names for control rod, i.e: EJN2-12-CR

Project:	Model: QTY of sets required:
Customer:	DWN: CHK: REV: DATE:
Consultant:	TAG: UNIT:
V-A Project No.:	COMMENTS:
V-A Project Manager:	