

3.16 | Metallic Expansion Joint

Single Hinge Expansion Joint (HEJ)

- Used for absorbing angular movement in one plane only.
- Movement of bellows is more controlled.
- Standard assemblies with flanges, weld ends or a combination of both.
- Internal flow liners for eliminating velocity problems may be fitted.
- Anchors only required to absorb spring forces.
- Must be used in pairs with another hinge.
- Pressure thrust is restrained by the hinges.
- Standard working pressures are 240, 700 & 1400 kPa.
- Pressure up to 4000 kPa available on request.
- Standard diameters up to 5000 mm available on request.



PART NO	NOM	LENGTH		MOVEMENTS*		ANG SPRING
	BORE	FF	WW	± DEGREES	TOTAL DEGREES	RATE
	MM	MM	MM	MM	MM	NM/DEG
50 HEJ-240	50	145	218	18	36	0.2
50 HEJ-700	50	145	218	18	36	0.6
50 HEJ-1400	50	145	218	18	36	0.6
65 HEJ-240	65	180	234	18	36	0.2
65 HEJ-700	65	180	234	18	36	0.7
65 HEJ-1400	65	180	234	18	36	1.3
80 HEJ-240	80	180	240	18	36	0.2
80 HEJ-700	80	180	240	18	36	0.6
80 HEJ-1400	80	180	240	17	34	2.2
100 HEJ-240	100	190	278	18	36	1.3
100 HEJ-700	100	190	278	18	36	2.2
100 HEJ-1400	100	190	278	17	34	4.6
125 HEJ-240	125	215	313	18	36	1.9
125 HEJ-700	125	215	313	18	36	3.4
125 HEJ-1400	125	215	313	14	28	6.6
150 HEJ-240	150	215	338	18	36	2.3
150 HEJ-700	150	215	338	18	36	3.9
150 HEJ-1400	150	215	338	14	28	18.2
200 HEJ-240	200	225	330	18	36	2.6
200 HEJ-700	200	225	330	17	34	9.8
200 HEJ-1400	200	225	330	13	26	50
250 HEJ-240	250	245	341	18	36	4
250 HEJ-700	250	245	341	18	36	17
250 HEJ-1400	250	245	341	13	26	42
300 HEJ-240	300	280	400	18	36	6
300 HEJ-700	300	280	400	17	34	23
300 HEJ-1400	300	280	400	13	26	58
350 HEJ-240	350	400	540	18	36	14
350 HEJ-700	350	400	540	15	30	30
350 HEJ-1400	350	400	540	12	24	170
400 HEJ-240	400	400	540	17	34	26
400 HEJ-700	400	400	540	12	24	132
400 HEJ-1400	400	400	540	10	20	308
450 HEJ-240	450	450	590	15	30	36
450 HEJ-700	450	450	590	11	22	186
450 HEJ-1400	450	450	590	8	16	436
500 HEJ-240	500	450	590	14	28	35
500 HEJ-700	500	450	590	12	24	176
500 HEJ-1400	500	450	590	8	16	595
600 HEJ-240	600	450	590	12	24	59
600 HEJ-700	600	450	590	10	20	303
600 HEJ-1400	600	450	590	7	14	1015

*Non-concurrent