

Single Expansion Joint (SEJ)

Expansion Joint - SEJ

Part No.: SEJ

Construction: Convoluted

Material: 304, 321, 316, Incoloy, Inconel, Nickel, Hastelloy

Profile: Medium Flexibility / High Pressure

Liner: Optional

Size Available: 2" - 40"

(Larger sizes upon Request)

Temperature: -196°C +900°C

	Low	Med	High
Flexibility	☐	☒	☐
Cycle Life	☐	☐	☒
Pressure Rating	☐	☐	☒
Chemical Resistance	☐	☐	☒
Wall Thickness	☐	☐	☒

Construction

Use:

Used for absorbing axial, angular and small amounts of lateral movement. Pressure thrust will be transmitted onto the pipeline.



Specifications

Part Number	Nom	Length		Max. Working Pressure	Movements			Spring Rate	Pressure Thrust
	Bore	Flanged	Weld Ends		Axial	Lateral	Angular		
	(mm)	(mm)	(mm)		(mm)	(mm)	(Deg)		
50 SEJ-240	50	145	218	240	32	12	18	21	1
50 SEJ-700	50	145	218	700	21	8	18	21	3
50 SEJ-1400	50	145	218	1400	18	7	18	70	6
65 SEJ-240	65	180	234	240	36	12	18	19	2
65 SEJ-700	65	180	234	700	28	11	18	57	4
65 SEJ-1400	65	180	234	1400	22	7	18	102	9
80 SEJ-240	80	180	278	240	34	13	18	12	2
80 SEJ-700	80	180	278	700	34	13	18	36	6
80 SEJ-1400	80	180	278	1400	25	8	17	130	12
100 SEJ-240	100	190	278	240	36	13	18	47	3
100 SEJ-700	100	190	278	700	32	10	18	84	9
100 SEJ-1400	100	190	278	1400	27	7	14	169	19
125 SEJ-240	125	215	313	240	50	13	18	50	4
125 SEJ-700	125	215	313	700	37	10	18	87	14
125 SEJ-1400	125	215	313	1400	27	7	14	169	27
150 SEJ-240	150	215	338	240	50	15	18	50	6
150 SEJ-700	150	215	338	700	39	9	18	72	19
150 SEJ-1400	150	215	338	1400	26	6	14	330	39
200 SEJ-240	200	225	330	240	57	16	18	28	11
200 SEJ-700	200	225	330	700	47	9	17	105	33
200 SEJ-1400	200	225	330	1400	30	6	13	541	66
250 SEJ-240	250	245	341	240	64	17	18	27	17
250 SEJ-700	250	245	341	700	62	10	18	120	51

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