

Single Gimbal Expansion Joint (GEJ)

Expansion Joint - GEJ

Part No.: GEJ

Construction: Convoluted

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

Profile: Medium Flexibility / High Pressure

Liner: Optional

Size Available: 2" - 24"

(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 angular movement in any plane, movement of bellows is more controlled. Anchors only required to absorb spring forces, must be in pairs with another gimbal. Pressure thrust is restrained by the hardware.



Specifications

Part Number	Nom	Length		Max. Working Pressure	Movements		Spring Rate
	Bore	Flanged	Weld Ends		± Lateral	Total Lateral	
	(mm)	(mm)	(mm)		(mm)	(mm)	
50 GEJ-240	50	145	218	240	18	36	0.2
50 GEJ-700	50	145	218	700	18	36	0.6
50 GEJ-1400	50	145	218	1400	18	36	0.6
65 GEJ-240	65	180	234	240	18	36	0.2
65 GEJ-700	65	180	234	700	18	36	0.7
65 GEJ-1400	65	180	234	1400	18	36	1.3
80 GEJ-240	80	180	240	240	18	36	0.2
80 GEJ-700	80	180	240	700	18	36	0.6
80 GEJ-1400	80	180	240	1400	17	34	2.2
100 GEJ-240	100	190	278	240	18	36	1.3
100 GEJ-700	100	190	278	700	18	36	2.2
100 GEJ-1400	100	190	278	1400	17	34	4.6
125 GEJ-240	125	215	313	240	18	36	1.9
125 GEJ-700	125	215	313	700	18	36	3.4
125 GEJ-1400	125	215	313	1400	14	28	6.6
150 GEJ-240	150	215	338	240	18	36	2.3
150 GEJ-700	150	215	338	700	18	36	3.9
150 GEJ-1400	150	215	338	1400	14	28	18.2
200 GEJ-240	200	225	330	240	18	36	2.6
200 GEJ-700	200	225	330	700	17	34	9.8
200 GEJ-1400	200	225	330	1400	13	26	50
250 GEJ-240	250	245	341	240	18	36	4
250 GEJ-700	250	245	341	700	18	36	17

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