

Double Gimbal Expansion Joint (DGEJ)

Expansion Joint - DGEJ

Part No.: DGEJ

Construction: Convuluted

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 large amounts of lateral movement in one plane. Movement of bellows is more controlled. Anchors only required to absorb.



Specifications

Part Number	Nom	Length		Max. Working Pressure	Movements		Spring Rate
	Bore	Flanged	Weld Ends		± Lateral	Total Lateral	
	(mm)	(mm)	(mm)		(mm)	(mm)	
50 DGEJ-240	50	600	632	240	94	188	0.1
50 DGEJ-700	50	600	632	700	94	188	0.4
50 DGEJ-1400	50	600	632	1400	94	188	0.4
65 DGEJ-240	65	600	632	240	81	162	0.3
65 DGEJ-700	65	600	632	700	81	162	0.8
65 DGEJ-1400	65	600	632	1400	81	162	1.3
80 DGEJ-240	80	600	632	240	76	152	0.3
80 DGEJ-700	80	600	632	700	76	152	1.2
80 DGEJ-1400	80	600	632	1400	76	152	4.2
100 DGEJ-240	100	600	632	240	64	128	1.4
100 DGEJ-700	100	600	632	700	64	128	2.5
100 DGEJ-1400	100	600	632	1400	64	128	5.1
125 DGEJ-240	125	600	761	240	88	176	1.6
125 DGEJ-700	125	600	761	700	88	176	2.7
125 DGEJ-1400	125	600	761	1400	88	176	5.2
150 DGEJ-240	150	619	813	240	88	176	2.2
150 DGEJ-700	150	619	813	700	88	176	3.7
150 DGEJ-1400	150	619	813	1400	88	176	16.9
200 DGEJ-240	200	760	970	240	109	218	1.8
200 DGEJ-700	200	760	970	700	109	218	6.8
200 DGEJ-1400	200	760	970	1400	109	218	35
250 DGEJ-240	250	850	1060	240	114	228	3
250 DGEJ-700	250	850	1060	700	114	228	17

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