



# EXPANSION JOINTS

## Double Diesel Expansion Joint (DDEJ)

### Expansion Joint - DDEJ

**Part No.:** DDEJ

**Construction:** Convoluted

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

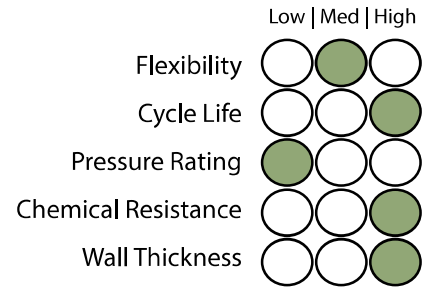
**Profile:** Medium Flexibility / Low Pressure

**Liner:** Standard Flow Liner

**Size Available:** 2" - 60"

(Larger sizes upon Request)

**Temperature:** -196°C +900°C



### Construction

#### Use:

Used for absorbing large amounts of axial angular and lateral movements in low pressure pipelines. Pressure thrust will be transmitted onto pipeline. Internal flow liners for eliminating velocity & flow problems fitted as standard.



### Specifications

Part Number	Nom	Length		Max. Working Pressure kPa	Movements			Spring Rate N/MM	Pressure Thrust KN
	Bore	Flanged	Weld Ends		Axial	Lateral	Angular		
	(mm)	(mm)	(mm)		(mm)	(mm)	(Deg)		
50 DDEJ-100	50	380	460	100	64	76	18	11	0.4
65 DDEJ-100	65	380	460	100	64	76	18	16	0.7
80 DDEJ-100	80	380	460	100	70	76	18	6	0.9
100 DDEJ-100	100	430	526	100	76	76	18	24	1.4
125 DDEJ-100	125	430	526	100	106	130	18	25	2.0
150 DDEJ-100	150	430	576	100	106	120	18	21	2.8
200 DDEJ-100	200	450	560	100	114	98	18	14	4.7
250 DDEJ-100	250	485	582	100	112	98	18	14	7.4
300 DDEJ-100	300	555	700	100	152	114	18	14	10
350 DDEJ-100	350	540	736	100	178	114	18	30	12
400 DDEJ-100	400	540	736	100	178	114	18	43	15
450 DDEJ-100	450	540	772	100	182	102	18	49	19
500 DDEJ-100	500	540	772	100	182	102	16	37	23
600 DDEJ-100	600	540	854	100	148	86	16	45	33
650 DDEJ-100	650	690	790	100	108	72	15	72	38
700 DDEJ-100	700	690	790	100	111	72	15	82	43
750 DDEJ-100	750	690	790	100	119	70	15	71	50
800 DDEJ-100	800	690	790	100	122	64	15	74	58
850 DDEJ-100	850	690	790	100	112	60	15	79	64
900 DDEJ-100	900	690	790	100	112	59	15	87	71
950 DDEJ-100	950	690	790	100	120	57	15	93	79
1000 DDEJ-100	1000	1190	1290	100	120	54	14	121	85
1050 DDEJ-100	1050	1190	1290	100	78	68	14	127	96
1100 DDEJ-100	1100	1190	1290	100	78	61	14	137	116

EXPANSION JOINTS 1 2 3 4 5 6 7 8 9 10



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	Bore	Flanged	Weld Ends		Axial	Lateral	Angular		
	(mm)	(mm)	(mm)		(mm)	(mm)	(Deg)		
1150 DDEJ-100	1150	1190	1290	100	74	63	12	262	125
1200 DDEJ-100	1200	1190	1290	100	84	64	10	209	131
1250 DDEJ-100	1250	1290	1380	100	122	82	12	332	143
1300 DDEJ-100	1300	1290	1380	100	122	82	12	348	155
1350 DDEJ-100	1350	1290	1380	100	120	81	12	362	167
1400 DDEJ-100	1400	1290	1380	100	120	75	12	376	179
1450 DDEJ-100	1450	1290	1380	100	120	73	15	389	183
1500 DDEJ-100	1500	1290	1380	100	118	70	15	398	202

### Applications

