



EXPANSION JOINTS

3.17

Diesel Expansion Joint (DEJ)

Expansion Joint - DEJ

Part No.: DEJ

Construction: Convoluted

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

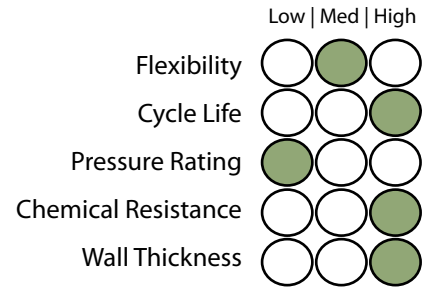
Profile: Medium Flexibility / Low Pressure

Liner: Standard Flow Liner

Size Available: 2" - 60"

(Larger sizes upon Request)

Temperature: -196°C +900°C



Construction

Use:

Used for absorbing thermal expansion in exhaust, gas ducting and low pressure systems. Pressure thrust will be transmitted onto pipeline. Internal flow liners for eliminating velocity and 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 DEJ-100	50	145	218	100	36	12	18	21	0.4
65 DEJ-100	65	180	234	100	39	12	18	19	0.7
80 DEJ-100	80	180	240	100	44	13	18	12	0.9
100 DEJ-100	100	190	278	100	44	13	18	47	1.4
125 DEJ-100	125	215	313	100	50	13	18	50	2.0
150 DEJ-100	150	215	338	100	54	15	18	42	2.8
200 DEJ-100	200	225	330	100	59	16	18	28	4.7
250 DEJ-100	250	245	341	100	70	17	18	27	7.4
300 DEJ-100	300	280	400	100	82	18	18	28	10
350 DEJ-100	350	270	418	100	89	15	18	59	12
400 DEJ-100	400	270	418	100	96	10	17	86	15
450 DEJ-100	450	270	436	100	96	8	15	97	19
500 DEJ-100	500	270	436	100	98	9	14	74	23
600 DEJ-100	600	270	436	100	96	7	12	90	33
650 DEJ-100	650	385	460	100	107	12	15	76	38
700 DEJ-100	700	385	460	100	107	12	15	81	43
750 DEJ-100	750	385	460	100	107	12	15	65	50
800 DEJ-100	800	385	460	100	104	11	15	71	58
850 DEJ-100	850	385	460	100	104	11	14	73	64
900 DEJ-100	900	385	460	100	100	10	14	81	71
950 DEJ-100	950	385	460	100	100	9	12	84	79
1000 DEJ-100	1000	330	415	100	96	6	10	108	85
1100 DEJ-100	1100	330	415	100	96	5	9	113	116
1050 DEJ-100	1050	330	415	100	96	6	10	109	96

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



EXPANSION JOINTS

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Diesel Expansion Joint (DEJ)

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)		
1150 DEJ-100	1150	305	415	100	94	5	9	138	125
1200 DEJ-100	1200	330	415	100	94	8	9	171	131
1250 DEJ-100	1250	480	590	100	127	11	10	343	143
1300 DEJ-100	1300	480	590	100	127	11	10	351	155
1350 DEJ-100	1350	480	590	100	124	10	9	362	167
1400 DEJ-100	1400	480	590	100	124	10	9	377	179
1450 DEJ-100	1450	480	590	100	120	9	8	385	183
1500 DEJ-100	1500	480	590	100	120	9	8	396	202

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Applications

