

STAINLESS STEEL EXHAUST BELLOWS & EXPANSION JOINTS

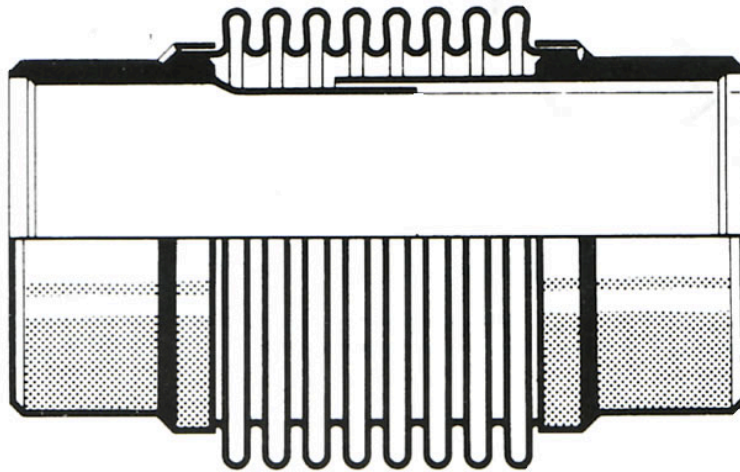
Diesel Expansion Joint (DEJ)

- Exhaust bellows are used for absorbing thermal expansion in exhaust, gas ducting and low pressure systems
- Standard assemblies with flanges, weld ends or a combination of both
- Pressure thrust will be transmitted onto pipeline. Correct anchoring and guiding must be used
- Internal flow liners for eliminating velocity and flow problems fitted as standard
- Standard working pressure is 100 kPa
- Standard diameters up to 5000 mm are available on request



PART NO	NOM BORE MM	LENGTH FF MM	WW MM	MOVEMENTS			SPRING RATE N/MM	PRESS THRUST KN
				AXIAL MM	LATERAL MM	ANGULAR DEG		
50 DEJ-100	50	145	218	36	12	18	21	0.4
65 DEJ-100	65	180	234	39	12	18	19	0.7
80 DEJ-100	80	180	240	44	13	18	12	0.9
100 DEJ-100	100	190	278	44	13	18	47	1.4
125 DEJ-100	125	215	313	50	13	18	50	2
150 DEJ-100	150	215	338	54	15	18	42	2.8
200 DEJ-100	200	225	330	59	16	18	28	4.7
250 DEJ-100	250	245	341	70	17	18	27	7.4
300 DEJ-100	300	280	400	82	18	18	28	10
350 DEJ-100	350	270	418	89	15	18	59	12
400 DEJ-100	400	270	418	96	10	17	86	15
450 DEJ-100	450	270	436	96	8	15	97	19
500 DEJ-100	500	270	436	98	9	14	74	23
600 DEJ-100	600	270	436	96	7	12	90	33
650 DEJ-100	650	385	460	107	12	15	76	38
700 DEJ-100	700	385	460	107	12	15	81	43
750 DEJ-100	750	385	460	107	12	15	65	50
800 DEJ-100	800	385	460	104	11	15	71	58
850 DEJ-100	850	385	460	104	11	14	73	64
900 DEJ-100	900	385	460	100	10	14	81	71
950 DEJ-100	950	385	460	100	9	12	84	79
1000 DEJ-100	1000	330	415	96	6	10	108	85
1050 DEJ-100	1050	330	415	96	6	10	109	96
1100 DEJ-100	1100	330	415	96	5	9	113	116
1150 DEJ-100	1150	305	415	94	5	9	138	125
1200 DEJ-100	1200	330	415	94	8	9	171	131
1250 DEJ-100	1250	480	590	127	11	10	343	143
1300 DEJ-100	1300	480	590	127	11	10	351	155
1350 DEJ-100	1350	480	590	124	10	9	362	167
1400 DEJ-100	1400	480	590	124	10	9	377	179
1450 DEJ-100	1450	480	590	120	9	8	385	183
1500 DEJ-100	1500	480	590	120	9	8	396	202

Pipe Ends with Inner Tube Marine Liner Easy to weld on



Single Sphere Rubber Expansion Joint

Application fluids:
Water, warm water, seawater, weak acids, alkalies, etc.

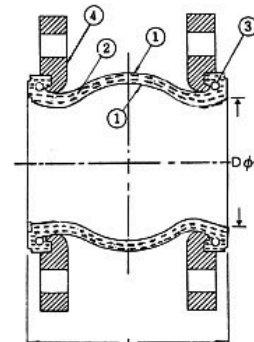
Available flanges drilling:
JIS, DIN, ANSI, TAB / BS and specialised drilling.

Available material:
EPDM, Neoprene, Buna/Nitrile, Viton, Hyperlon, Natural Rubber and Butyle.



Item	Part	Material
1	Body	Heat Resisting Rubber
2	Body	Nylon Tyre Cord
3	Wire	Hard Steel Wire
4	Flange	Mild Steel

STYLE 100



Movement And Operating Condition

Diam. Do mm (in.)	L (mm)	Allowable Movement (mm)			Operating Condition			
		Axial Compression	Axial Elongation	Transverse Deflection	Angular Deflection	Max. Pressure kg/cm2 (PSIG)	Max. Temp °C (°F)	Vacuum mm Hg
32 (1-1/4)	95	8	4	8	15°	16 (225)	115 (240)	400 (16)
40 (1-1/2)	95	8	4	8	15°	16 (225)	115 (240)	400 (16)
50 (2)	105	8	5	8	15°	16 (225)	115 (240)	400 (16)
65 (2-1/2)	115	12	6	10	15°	16 (225)	115 (240)	400 (16)
80 (3)	130	12	6	10	15°	16 (225)	115 (240)	400 (16)
100 (4)	135	18	10	12	15°	16 (225)	115 (240)	400 (16)
125 (5)	170	18	10	12	15°	16 (225)	115 (240)	400 (16)
150 (6)	180	18	10	12	15°	16 (225)	115 (240)	400 (16)
200 (8)	205	25	14	22	15°	16 (225)	115 (240)	400 (16)
250 (10)	240	25	14	22	15°	16 (225)	115 (240)	400 (16)
300 (12)	260	25	14	22	15°	16 (225)	115 (240)	400 (16)
350 (14)	265	25	16	22	15°	9 (125)	115 (240)	400 (16)
400 (16)	265	25	16	22	15°	9 (125)	115 (240)	400 (16)
450 (18)	265	25	16	22	15°	9 (125)	115 (240)	400 (16)
500 (20)	265	25	16	22	15°	9 (125)	115 (240)	400 (16)
600 (24)	265	25	14	22	15°	9 (125)	115 (240)	400 (16)