



WELDED DIAPHRAGM EXPANSION JOINT 1000 LB. CLASS

Unit as shown furnished with flanged or weld ends. Traverse can be varied by adding or omitting convolutions, with a maximum of 8 convolutions per bellows capsule. For diameters larger than those listed please contact the factory.

OPERATING TEMPERATURE & PRESSURE:

- PRESSURE RANGE - 1000 PSI MAXIMUM
- TEMPERATURE - UP TO 500° FOR 100 PSI SERVICE
- FABRICATION - 4 CONVOLUTIONS, HELI-ARC WELDED, AS SHOWN
- TRAVERSE - 3/4" COMPRESSION AND 3/4" EXPANSION

Size	Face to Face "A"	Van Stone Face "B"	Bellows		Flange		Bolt Circle "G"	Conv. Hght. "H"	No. Of Holes	Drill Size	Net Wght. Lbs.
			I.D. "C"	O.D. "D"	I.D. "E"	O.D. "F"					
1/2"	8"	1-3/8"	3/4"	4"	0.90	3-3/4"	2-5/8"	1-1/4"	4"	5/8"	7
3/4	8	2-1/4	3/4	4	1.11	4-5/8	3-1/4	1-1/4	4	3/4	9
1	9	2-1/2	1-1/4	4-1/2	1.38	4-7/8	3-1/2	1-1/4	4	3/4	10
1-1/4	9	2-7/8	1-1/4	4-1/2	1.72	5-1/4	3-7/8	1-1/4	4	3/4	12
1-1/2	9	3-3/8	1-1/2	4-3/4	1.96	6-1/8	4-1/2	1-1/4	4	7/8	17
2	10	4	2	5-1/4	2.46	6-1/2	5	1-5/16	8	3/4	21
2-1/2	10	4-3/4	2-1/2	5-3/4	2.97	7-1/2	5-7/8	1-5/16	8	7/8	26
3	11	5-1/2	3	6-1/4	3.60	8-1/4	6-5/8	1-5/16	8	7/8	32
3-1/2	11	6	3-1/2	6-3/4	4.10	9	7-1/4	1-5/16	8	1	45
4	11	7-1/4	4	7-1/4	4.60	10-3/4	8-1/2	1-5/16	8	1	69
5	12	9-1/8	5	8-1/4	5.66	13	10-1/2	1-5/16	8	1-1/8	134
6	12	10-1/8	6	9-1/4	6.72	14	11-1/2	1-5/16	12	1-1/8	168
8	14	12-1/4	8	11-3/4	8.78	16-1/2	13-3/4	1-1/2	12	1-1/4	240
10	14	15-3/8	10	13-3/4	10.88	20	17	1-1/2	16	1-3/8	374
12	15	17-5/8	12	15-3/4	12.88	22	19-1/4	1-1/2	20	1-3/8	457

ALL DIMENSIONS IN INCHES

CUSTOMER _____
 PROJECT _____
 ENGINEER _____
 ARCHITECT _____
 PRO. OR P.O. NO _____



"Flexible Piping Solutions"

DESCRIPTION:

**WELDED DIAPHRAGM
EXPANSION JOINT 1000 LB. CLASS**

DRAWN BY:
P.B.

DATE:
7-2-01

DRAWING NO:
WD-1000