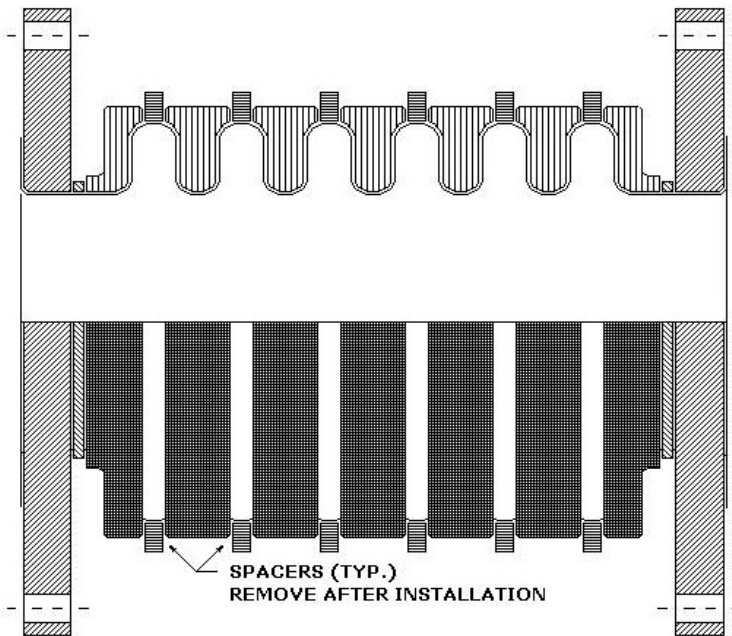


# MDC MODEL CSF & CSW "HIGH CORR."

CONTROLLED FLEXING EXPANSION JOINTS WITH 150# / 300 # FLANGES OR WELD ENDS



BELLEWS MAT.	TEMP. RANGE
STD: T304 SS	-300 TO 1500 F
T316 SS	-300 TO 1500 F
T321 SS	-300 TO 1500 F
T347 SS	-300 TO 1500 F
ALUMINIUM	-325 TO 400 F
NICKEL 200	-250 TO 600 F
INCONEL 600	-250 TO 1200 F
INCONEL 625	-250 TO 1200 F
MONEL 400	-250 TO 900 F
INCOLOY 800	-250 TO 1500 F
INCOLOY 825	-250 TO 1000 F
HASTELLOY	CONSULT MDC.
RINGS	TEMP. RANGE
STD: C/S	-20 TO 650 F
STAINLESS	-300 TO 1500 F

TYPICAL JOINT WITH WELD ENDS (NOT PICTURED HERE) HAS STEEL SCH.40 PIPE ENDS. STAINLESS ENDS AVAILABLE STANDARD WELD ENDS ARE BEVELED FOR WELDING. SQUARE CUT ENDS AVAILABLE. DUAL JOINTS WITH ANCHOR BASES AVAILABLE - CONSULT MDC FOR DETAILS.

SIZE IN EFF. AREA	NBR. OF CORR	TOTAL AXIAL TRAVEL	UNIT WITH FLANGED ENDS			UNIT WITH WELD ENDS		
			MDC PART NUMBER	FACE TO FACE (IN.)	WEIGHT (LBS) 150# / 300#	MDC PART NUMBER	OVERALL LENGTH (IN.)	WEIGHT (LBS.)
3"  22 SQ. (IN.)	1	7/16"	CSF-0301	6-7/8"	25 / 25	CSW-0301	12-3/4"	25
	2	7/8"	CSF-0302	8-1/2"	31 / 31	CSW-0302	14-3/8"	31
	3	1-5/16"	CSF-0303	10-1/8"	38 / 38	CSW-0303	16"	38
	4	1-3/4"	CSF-0304	11-3/4"	44 / 44	CSW-0304	17-5/8"	44
	5	2-3/16"	CSF-0305	13-3/8"	50 / 50	CSW-0305	19-1/4"	50
	6	2-5/8"	CSF-0306	15"	56 / 56	CSW-0306	20-7/8"	56
	7	3-1/16"	CSF-0307	16-5/8"	62 / 62	CSW-0307	22-1/2"	62
	8	3-1/2"	CSF-0308	18-1/4"	69 / 69	CSW-0308	24-1/8"	69
	9	3-15/16"	CSF-0309	19-7/8"	75 / 75	CSW-0309	25-3/4"	75
	10	4-3/8"	CSF-0310	21-1/2"	81 / 81	CSW-0310	27-3/8"	81
4"  31 SQ. (IN.)	1	7/16"	CSF-0401	7"	36 / 41	CSW-0401	12-3/4"	31
	2	7/8"	CSF-0402	8-5/8"	43 / 48	CSW-0402	14-3/8"	38
	3	1-5/16"	CSF-0403	10-1/4"	50 / 55	CSW-0403	16"	45
	4	1-3/4"	CSF-0404	11-7/8"	56 / 61	CSW-0404	17-5/8"	51
	5	2-3/16"	CSF-0405	13-1/2"	63 / 68	CSW-0405	19-1/4"	58
	6	2-5/8"	CSF-0406	15-1/8"	70 / 75	CSW-0406	20-7/8"	65
	7	3-1/16"	CSF-0407	16-3/4"	76 / 81	CSW-0407	22-1/2"	71
	8	3-1/2"	CSF-0408	18-3/8"	83 / 88	CSW-0408	24-1/8"	78
	9	3-15/16"	CSF-0409	20"	90 / 95	CSW-0409	25-3/4"	85
	10	4-3/8"	CSF-0410	21-5/8"	97 / 102	CSW-0410	27-3/8"	92

Pipe must be properly anchored and supported as per EJMA guidelines. Guides and Supports available from MDC. Available with flow liners (recommended for steam service), Tie Rods, Shrouds and Pre-Compression Rods. Joints rated for 300 psig with Weld Ends or 300# Flanges. Joints rated for 150 psig with 150# Flanges (FLG limited). Available flanges: RFSO or plate, Fixed or Floating, Carbon Steel or Stainless Steel. Specials up to 1500 psia.

CUSTOMER (COMPANY)	
PROJECT	
ENGINEERING COMPANY	
CUSTOMER CONTACT	
CONTACT INFORMATION	
CUSTOMER REFERENCE NO.	
MDC REFERENCE NO.	
MDC DWG. NUMBER	20836
	2008-01-03
	PREP BY: JMP



**MARK DAVID CANADA INC.**  
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