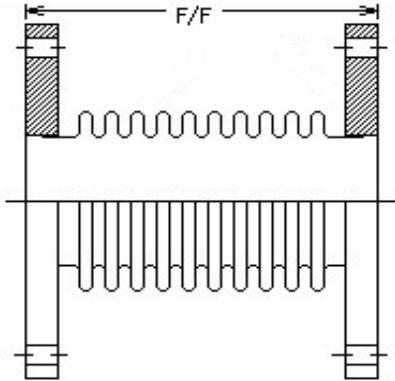


MDC MODEL **FP - 150** PSIG RATED SERIES

"MID CORR" EXPANSION JOINTS WITH 150 LBS DRILLED PLATE FLAT FACE FLANGES WELDED EACH END



STANDARD MATERIALS OF CONSTRUCTION	
BELLOWS	T321 SS stainless steel
FLANGES	Carbon Steel, Class 150 (ANSI B16.5 Drilling), Plate Steel, Vanstone or Fixed

- AVAILABLE ACCESSORIES / FEATURES :**
- * Smooth Flow Liner
 - * Shroud (external cover)
 - * Tie Rods, Limit Rods, Control Rods
 - * Bellows in T316L SS (-M4) or other alloys
 - * Stainless Fittings
 - * Special Fittings (ex. Special drilled flanges)
 - * Standard expansion joints are designed for axial compression; they may be extended up to 30% of rated axial movement.

SIZE (IN)	QTY	MDC P/N "Size (in.)" RFSO Flanges" "Pressure Rating"Series" "F/F length"Bellows Mat."	SERIES	MOVEMENTS			APPROX. WEIGHT (LBS.)	SPRING RATES		
				AXIAL COMP. (IN.)	LATERAL DEFL. (IN.)	ANG. ROT. (DEG.)		AXIAL LBS/IN.	LATERAL LBS/IN.	ANGULAR IN/LBS /DEG.
3		3.00"FP-0150S-4.50"-M5	S	0.75	0.06	5	11	520	3900	24
	12.2	3.00"FP-0150L-7.00"-M5	L	1.50	0.25	10	12	260	488	12
4		4.00"FP-0150S-5.00"-M5	S	0.88	0.08	5	14	480	5200	78
	20.2	4.00"FP-0150L-7.50"-M5	L	1.75	0.32	10	15	240	650	39
5		5.00"FP-0150S-5.50"-M5	S	1.00	0.12	6	19	740	8346	140
	30.6	5.00"FP-0150L-9.00"-M5	L	2.00	0.48	12	20	370	1043	70
6		6.00"FP-0150S-6.00"-M5	S	1.00	0.11	6	21	840	9360	204
	43.0	6.00"FP-0150L-9.50"-M5	L	2.00	0.44	12	23	420	1170	102
8		8.00"FP-0150S-7.00"-M5	S	1.25	0.13	5	25	1340	17920	540
	72.6	8.00"FP-0150L-11.00"-M5	L	2.50	0.52	10	29	670	2240	270
10		10.00"FP-0150S-7.50"-M5	S	1.25	0.09	5	47	1080	18496	720
	111	10.00"FP-0150L-11.50"-M5	L	2.50	0.36	10	53	540	2312	360
12		12.00"FP-0150S-7.50"-M5	S	1.50	0.09	5	74	2000	42000	1776
	154	12.00"FP-0150L-11.50"-M5	L	3.00	0.36	10	86	1000	5250	888
14		14.00"FP-0150S-8.00"-M5	S	1.50	0.08	4	110	2400	56000	2400
	183	14.00"FP-0150L-12.50"-M5	L	3.00	0.32	8	125	1200	7000	1200
16		16.00"FP-0150S-8.50"-M5	S	1.50	0.09	5	130	2100	42600	2700
	237	16.00"FP-0150L-13.50"-M5	L	3.00	0.36	10	145	1050	5325	1350
18		18.00"FP-0150S-9.00"-M5	S	1.50	0.10	4	152	1960	58000	5400
	299	18.00"FP-0150L-14.50"-M5	L	3.00	0.40	8	172	880	6500	2700
20		20.00"FP-0150S-9.00"-M5	S	1.50	0.09	5	180	2180	78000	7200
	363	20.00"FP-0150L-14.50"-M5	L	3.00	0.36	10	198	1090	9750	3600
24		24.00"FP-0150S-9.00"-M5	S	1.50	0.08	5	280	2360	117000	10296
	511	24.00"FP-0150L-14.50"-M5	L	3.00	0.32	10	316	1180	14625	5148

SERIES : "S" - short, "L" - long. **"M5"** - designation for standard bellows material : T321 Stainless Steel.

CUSTOMER (COMPANY)	
CUSTOMER (INDIVIDUAL)	
CUSTOMER TEL / FAX	
PROJECT	
ENGINEERING COMPANY	
CUSTOMER REFERENCE NO.	
MDC REFERENCE NO.	
MDC DWG. NO.	20719
	2008-01-02
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