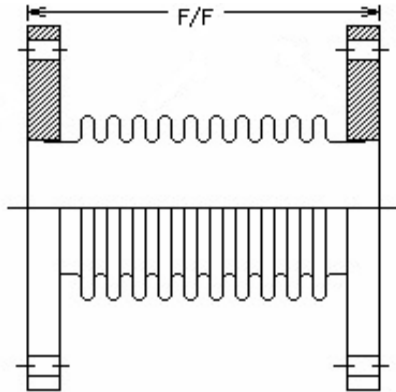


MDC MODEL **FP - 50** PSIG RATED SERIES

"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

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) EFF. AREA	QTY	MDC P/N "Size (in.)" Plate 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-0050S-4.50"-M5	S	0.75	0.12	5	10	256	1540	12
	12.2	3.00"FP-0050L-7.00"-M5	L	1.50	0.48	10	11	128	192	6
4		4.00"FP-0050S-5.00"-M5	S	0.88	0.14	5	13	408	2580	32
	20.2	4.00"FP-0050L-7.50"-M5	L	1.75	0.56	10	14	204	323	16
5		5.00"FP-0050S-5.50"-M5	S	1.25	0.15	7	17	628	4630	72
	30.6	5.00"FP-0050L-9.00"-M5	L	2.50	0.60	14	18	314	571	36
6		6.00"FP-0050S-6.00"-M5	S	1.25	0.15	7	20	640	4760	120
	43.0	6.00"FP-0050L-9.50"-M5	L	2.50	0.60	14	21	320	595	60
8		8.00"FP-0050S-6.50"-M5	S	1.50	0.16	7	22	960	8048	226
	72.6	8.00"FP-0050L-10.50"-M5	L	3.00	0.65	14	26	480	1006	113
10		10.00"FP-0050S-7.00"-M5	S	1.50	0.15	7	44	800	9488	276
	111	10.00"FP-0050L-11.00"-M5	L	3.00	0.60	14	48	400	1186	138
12		12.00"FP-0050S-7.00"-M5	S	1.75	0.14	6	68	580	10600	714
	154	12.00"FP-0050L-11.00"-M5	L	3.50	0.56	12	76	290	1325	357
14		14.00"FP-0050S-7.50"-M5	S	1.75	0.15	6	86	690	12400	974
	183	14.00"FP-0050L-12.00"-M5	L	3.50	0.60	12	96	345	1550	487
16		16.00"FP-0050S-8.00"-M5	S	1.75	0.17	6	108	640	10704	1116
	237	16.00"FP-0050L-13.00"-M5	L	3.50	0.68	12	120	320	1338	558
18		18.00"FP-0050S-8.50"-M5	S	1.75	0.18	6	126	1040	26000	1326
	299	18.00"FP-0050L-13.50"-M5	L	3.50	0.72	12	140	520	3250	663
20		20.00"FP-0050S-8.50"-M5	S	1.75	0.17	6	144	1180	35000	1748
	363	20.00"FP-0050L-14.00"-M5	L	3.50	0.68	12	166	590	4375	874
24		24.00"FP-0050S-8.50"-M5	S	1.75	0.14	6	238	1280	55000	2654
	511	24.00"FP-0050L-14.00"-M5	L	3.50	0.56	12	262	640	6875	1327

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.	20709
	2008-01-02 AR



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