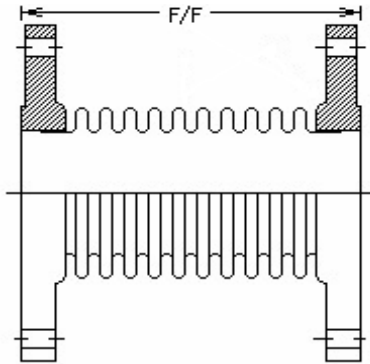


**MDC MODEL FS - 150 PSIG RATED SERIES**  
**"MID CORR" EXPANSION JOINTS**  
**WITH 150 LBS RFSO FLANGES WELDED EACH END**



STANDARD MATERIALS OF CONSTRUCTION	
BELLOWS	T321 SS stainless steel
FLANGES (FORGED STEEL)	Carbon Steel, Class 150 (ANSI B16.5 Drilling), RFSO (Raised Face, Slip-On).

- 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"FS-0150S-5.00"-M5	S	0.75	0.06	5	17	520	3900	24
	12.2	3.00"FS-0150L-7.50"-M5	L	1.50	0.25	10	18	260	488	12
4		4.00"FS-0150S-6.00"-M5	S	0.88	0.08	5	28	480	5200	78
	20.2	4.00"FS-0150L-8.50"-M5	L	1.75	0.32	10	29	240	650	39
5		5.00"FS-0150S-6.25"-M5	S	1.00	0.12	6	34	740	8346	140
	30.6	5.00"FS-0150L-9.50"-M5	L	2.00	0.48	12	35	370	1043	70
6		6.00"FS-0150S-7.00"-M5	S	1.00	0.11	6	40	840	9360	204
	43.0	6.00"FS-0150L-10.50"-M5	L	2.00	0.44	12	42	420	1170	102
8		8.00"FS-0150S-8.00"-M5	S	1.25	0.13	5	64	1340	17920	540
	72.6	8.00"FS-0150L-12.00"-M5	L	2.50	0.52	10	68	670	2240	270
10		10.00"FS-0150S-8.00"-M5	S	1.25	0.09	5	96	1080	18496	720
	111	10.00"FS-0150L-12.00"-M5	L	2.50	0.36	10	102	540	2312	360
12		12.00"FS-0150S-9.00"-M5	S	1.50	0.09	5	140	2000	42000	1776
	154	12.00"FS-0150L-13.50"-M5	L	3.00	0.36	10	152	1000	5250	888
14		14.00"FS-0150S-9.00"-M5	S	1.50	0.08	4	185	2400	56000	2400
	183	14.00"FS-0150L-13.50"-M5	L	3.00	0.32	8	200	1200	7000	1200
16		16.00"FS-0150S-10.00"-M5	S	1.50	0.09	5	202	2100	42600	2700
	237	16.00"FS-0150L-15.00"-M5	L	3.00	0.36	10	217	1050	5325	1350
18		18.00"FS-0150S-11.00"-M5	S	1.50	0.10	4	260	1960	58000	5400
	299	18.00"FS-0150L-16.50"-M5	L	3.00	0.40	8	280	880	6500	2700
20		20.00"FS-0150S-11.25"-M5	S	1.50	0.09	5	328	2180	78000	7200
	363	20.00"FS-0150L-16.75"-M5	L	3.00	0.36	10	346	1090	9750	3600
24		24.00"FS-0150S-12.00"-M5	S	1.50	0.08	5	460	2360	117000	10296
	511	24.00"FS-0150L-17.50"-M5	L	3.00	0.32	10	496	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.	20717
	2008-01-02
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