

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

"MID CORR" EXPANSION JOINTS WITH WELD ENDS



STANDARD MATERIALS OF CONSTRUCTION	
BELLOWS	T321 Stainless Steel
WELD ENDS	Carbon Steel, sch.40 Standard Pipe Ends

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 (grooved, special tubing, etc.)

* Standard expansion joints are designed for axial compression; they may be extended up to 30% of rated axial movement.

SIZE (IN) <i>EFF. AREA</i>	QTY	MDC P/N "Size (in.)" RW - Weld Ends" "Pressure Rating"Series" "O/A 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	12.2	3.00"W-0050S-8.00"-M5	S	0.75	0.12	5	4	256	1540	12
		3.00"W-0050L-10.00"-M5	L	1.50	0.48	10	5	128	192	6
4	20.2	4.00"W-0050S-9.00"-M5	S	0.88	0.14	5	7	408	2580	32
		4.00"W-0050L-12.00"-M5	L	1.75	0.56	10	8	204	323	16
5	30.6	5.00"W-0050S-9.00"-M5	S	1.25	0.15	7	11	628	4630	72
		5.00"W-0050L-12.00"-M5	L	2.50	0.60	14	12	314	571	36
6	43.0	6.00"W-0050S-9.50"-M5	S	1.25	0.15	7	15	640	4760	120
		6.00"W-0050L-13.00"-M5	L	2.50	0.60	14	16	320	595	60
8	72.6	8.00"W-0050S-10.00"-M5	S	1.50	0.16	7	22	960	8048	226
		8.00"W-0050L-14.00"-M5	L	3.00	0.65	14	26	480	1006	113
10	111	10.00"W-0050S-10.00"-M5	S	1.50	0.15	7	29	800	9488	276
		10.00"W-0050L-14.00"-M5	L	3.00	0.60	14	33	400	1186	138
12	154	12.00"W-0050S-10.50"-M5	S	1.75	0.14	6	38	580	10600	714
		12.00"W-0050L-15.00"-M5	L	3.50	0.56	12	46	290	1325	357
14	183	14.00"W-0050S-10.50"-M5	S	1.75	0.15	6	55	690	12400	974
		14.00"W-0050L-15.00"-M5	L	3.50	0.60	12	65	345	1550	487
16	237	16.00"W-0050S-11.50"-M5	S	1.75	0.17	6	60	640	10704	1116
		16.00"W-0050L-17.00"-M5	L	3.50	0.68	12	72	320	1338	558
18	299	18.00"W-0050S-12.00"-M5	S	1.75	0.18	6	68	1040	26000	1326
		18.00"W-0050L-18.00"-M5	L	3.50	0.72	12	82	520	3250	663
20	363	20.00"W-0050S-12.00"-M5	S	1.75	0.17	6	74	1180	35000	1748
		20.00"W-0050L-18.00"-M5	L	3.50	0.68	12	98	590	4375	874
24	511	24.00"W-0050S-12.00"-M5	S	1.75	0.14	6	90	1280	55000	2654
		24.00"W-0050L-18.00"-M5	L	3.50	0.56	12	114	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.	20708



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