



# MODEL MNL

(LOW CORRUGATION)

## EXPANSION JOINTS

### 50# CLASS

Maximum Working Pressure ..... 50 PSI  
 Working Temperature ..... 800 F  
 Test Pressure..... 75 PSI  
 End Fittings:  
 Flanges ..... ANSI B16.5  
 Weld Ends..... A 53 / A 106  
 Bellows..... 316 S/S

WHEN ORDERING, SPECIFY MOVEMENT.

QTY	SIZE	SHORT / LONG	AXIAL COMPRESSION (in)	FLANGED ENDS		WELD ENDS		EFFECTIVE AREA (Sq. in.)	SPRING RATE (Lbs/In.)
				OAL (in)	WT (lbs)	OAL (in)	WT (lbs)		
	2"	S	1 -1/8	6-1/2	11	9-7/8	3	6	590
		L	1 -3/4	8-1/2	13	11-3/4	4		315
	2-1/2"	S	1	7	14	9-7/8	3	9	498
		L	1 -3/4	8-7/8	16	11-3/4	4		299
	3"	S	1	7-3/8	17	10-1/2	5	12	345
		L	2	9	18	12	6		231
	4"	S	1 -1/4	7-1/2	27	10-5/8	8	19	800
		L	2 -1/2	10-3/4	28	13-3/4	9		399
	5"	S	1 -1/4	7-5/8	33	10-5/8	13	29	985
		L	2 -1/2	11-1/4	34	14-1/4	15		465
	6"	S	1 -1/4	8	43	11	18	40	1170
		L	2 -1/2	11-1/2	47	14-1/2	20		549
	8"	S	1 -1/2	9-1/4	64	12-1/8	22	66	1220
		L	3	13-1/4	71	16-1/8	26		609
	10"	S	1 -1/2	9-3/8	45	12-1/8	25	104	1655
		L	3 -3/8	14-3/8	52	17-1/4	32		750
	12"	S	1 -1/2	9-3/4	70	12-1/2	35	146	784
		L	3 -1/4	13-1/2	85	16-1/4	42		435
	14"	S	1 -3/4	10-3/8	98	14-1/8	56	183	2200
		L	3 -1/2	15	112	18-3/4	70		1100
	16"	S	1 -3/4	11-1/4	112	15	62	237	1720
		L	3 -1/2	16-3/4	127	20-1/2	77		860
	18"	S	1 -3/4	11-1/2	112	15	57	298	1640
		L	3 -1/2	17	123	20-1/2	68		820
	20"	S	1 -3/4	13-3/8	130	15	72	362	1960
		L	3 -1/2	18-7/8	146	20-1/2	88		980
	22"	S	1 -3/4	14	140	15	78	434	2040
		L	3 -1/2	19-1/2	157	20-1/2	95		1020
	24"	S	1 -3/4	14-1/4	220	15	88	512	2460
		L	3 -1/2	19-3/4	240	20-1/2	108		1230

CUSTOMER \_\_\_\_\_

PROJECT \_\_\_\_\_

ENGINEER \_\_\_\_\_

ARCHITECT \_\_\_\_\_

PRO. OR P.O. NO. \_\_\_\_\_



DESCRIPTION: **MODEL MNL**  
LOW CORR BELLOWS EXPANSION JOINT

DRAWING BY: <b>ZB</b>	DATE: <b>12/27/07</b>	DRAWING NO. <b>MNL50-Rev1</b>
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