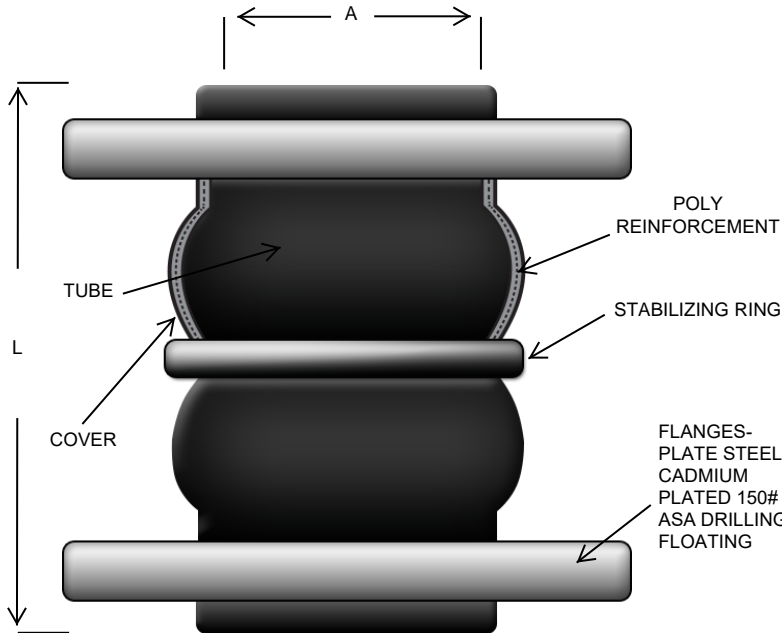


MS2

CONTROL RODS



PIPE SIZE	PSI
1" - 4"	135
5" - 10"	135
12" - 14"	90
16" - 24"	45

* USE CONTROL RODS IF PSI IS AT OR EXCEEDS RATINGS IN CHART

DESIGN DATA:

- 1) MAX NEGATIVE PRESSURE. 26" HG VACUUM
- 2) TEMPERATURE RANGE: 20° F - 250° F
- 3) LISTED MOVEMENTS CANNOT OCCUR SIMULTANEOUSLY
- 4) 3:1 SAFETY FACTOR (BURST TO OPERATING PRESSURE)

Pressure rating is based on 170°F operating temperature

BODY CONSTRUCTION: MAXIMUM TEMPERATURE

NEOPRENE NYLON	up to 230 DEGREES F
EPDM NYLON	up to 250 DEGREES F
BUTYL NYLON	up to 250 DEGREES F
NITRILE NYLON	up to 230 DEGREES F

*EPDM acceptable for Lead Free



QTY	MODEL NUMBER	"A" NOMINAL SIZE	"L" FACE TO FACE	WRK. PRESS	LATERAL DEFLECT	AXIAL EXT.	AXIAL COMP.	ANGULAR	APPROX. WEIGHT (LBS)
	MS2-1 1/2	1 1/2"	7"	225	(+/- 1 3/4")	1 1/8"	2"	45	8
	MS2-2	2"	7"	225	(+/- 1 3/4")	1 1/8"	2"	45	10
	MS2-2 1/2	2 1/2"	7"	225	(+/- 1 3/4")	1 1/8"	2"	43	14
	MS2-3	3"	7"	225	(+/- 1 3/4")	1 1/8"	2"	38	16
	MS2-4	4"	9"	225	(+/- 1 1/2")	1 3/8"	2"	34	21
	MS2-5	5"	9"	225	(+/- 1 1/2")	1 3/8"	2"	29	25
	MS2-6	6"	9"	225	(+/- 1 1/2")	1 3/8"	2"	25	30
	MS2-8	8"	13"	225	(+/- 1 3/8")	1 3/8"	2 3/8"	19	44
	MS2-10	10"	13"	225	(+/- 1 3/8")	1 3/8"	2 3/8"	15	66
	MS2-12	12"	13"	225	(+/- 1 3/8")	1 3/8"	2 3/8"	13	95
	MS2-14	14"	13 3/4"	150	(+/- 1 1/8")	1 1/8"	1 3/4"	9	112
	MS2-16	16"	13 3/4"	125	(+/- 1 1/8")	1 1/8"	1 3/4"	8	132
	MS2-18	18"	13 3/4"	125	(+/- 1 1/8")	1 1/8"	1 3/4"	7	146
	MS2-20	20"	13 3/4"	125	(+/- 1 1/8")	1 1/8"	1 3/4"	7	182
	MS2-24	24"	13 3/4"	110	(+/- 1 1/8")	1 1/8"	1 3/4"	6	220

DRAWN BY:

DRAWING NUMBER:

REV:

SIGNATURE:

DATE:

PO NUMBER:

PROJECT:

CUSTOMER:

NOTES: