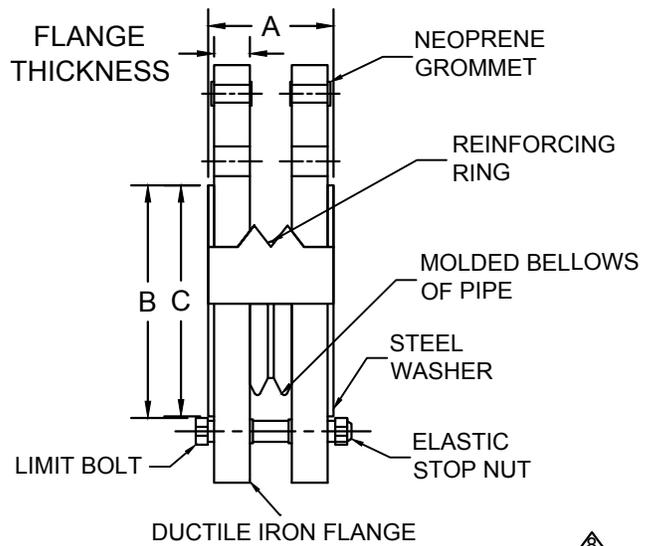
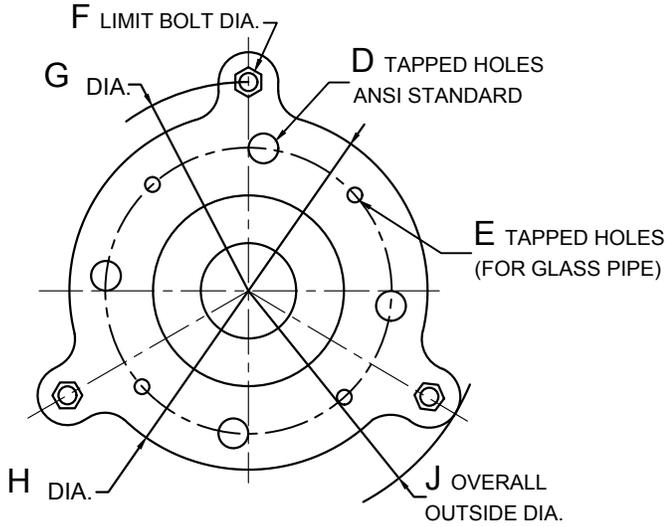


REV.	DESCRIPTION	DATE	BY
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Size (I.D.) (in)	A		B	C	MAXIMUM MISALIGNMENT	WEIGHT (LBS.)	VACUUM RATING (IN. HG/°F)	PART NUMBER
	NEUTRAL LENGTH	A MAXIMUM TRAVEL + OR -						
1	1 3/4	1/2	2	1 57/64	1/4	2	FV/400	EA-1B
1 1/2	2	1/2	2 7/8	2 35/16	1/4	4		EA-1.5B
2	2 3/4	3/4	3 5/8	3 13/32	3/8	8		EA-2B
2 1/2	3 3/16	3/4	4 1/8	3 13/16	3/8	11		EA-2.5B
3	3 5/8	1	5	4 41/64	1/2	13	FV/300	EA-3B
4	3 5/8	1	6 3/16	5 11/16	1/2	19		EA-4B
5	4	1	7 5/16	6 5/8	1/2	25	FV/300	EA-5B
6	4	1 1/8	8 1/2	8	9/16	30		EA-6B
8	5	1 1/8	10 5/8	10 5/16	9/16	48	FV/125	EA-8B

NOMINAL SIZE	D DIAMETER (in)			E DIAMETER (in)			F DIA. (in)	G DIA. (in)	H DIA. (in)	FLANGE THICKNESS	J DIA. (in)
	HOLES	THREAD	B.C	HOLES	THREAD	B.C					
1	4	5/8-11	2-3/4	4	5/16-18	2-3/4	3/8	5-1/8	4-1/2	1/4	6
1 1/2	4	5/8-11	3-1/2	4	5/16-18	3-1/2	3/8	5-3/4	5	1/4	7
2	4	5/8-11	4-3/4	4	5/16-18	4 3/4	3/8	6-7/8	6	7/16	8-1/2
2 1/2	4	5/8-11	5-1/2	-	-	-	3/8	8-1/8	7	1/2	9-3/8
3	4	5/8-11	6	4	5/16-18	6	3/8	8-3/4	7-1/2	1/2	10
4	8	5/8-11	7-1/2	8	5/16-18	7-1/2	3/8	9-7/8	9	5/8	11-1/8
5	8	3/4-10	8-1/2	-	-	-	1/2	11-1/2	10	3/4	13
6	8	3/4-10	9-1/2	8	3/8-18	9-1/2	1/2	12-1/2	11	3/4	14
8	10	3/4-12	11-3/4	-	-	-	1/2	14-3/4	13-1/2	15/16	16-1/4

NOTES:

- ALL DIMENSIONS IN INCHES.
- AT NEUTRAL LENGTH WITH LIMIT BOLTS IN PLACE.
- MAXIMUM (AXIAL) TRAVEL IS BASED ON INSTALLATION WITH NO MISALIGNMENT OR ANGULAR DEFLECTION.
- 12" SIZE SUPPLIED ONLY WITH CREST RINGS IN STAINLESS STEEL.
- THIS IS AN INSTALLATION DIMENSION NOT A LIMIT BOLT SETTING.
- ANGULAR DEFLECTION APPROXIMATELY 7°.
- BOLT CIRCLE SAME AS 125 AND 150 LB. ANSI STANDARD.
- BLACK LINER = B SUFFIX, WHITE LINER = W SUFFIX IN PART NUMBER.

WARNING: IF COMPONENTS SHOW SIGNIFICANT DETERIORATION TO ABRASION, DAMAGE, OR CORROSION, THE ASSEMBLY SHOULD BE REMOVED FROM SERVICE. FAILURE TO PERIODICALLY PERFORM INSPECTION FOR ABRASION, DAMAGE, OR CORROSION MAY LEAD TO FAILURE AND/OR RUPTURE OF THE ASSEMBLY RESULTING IN PROPERTY DAMAGE, SERIOUS INJURY OR DEATH.

OTHER MATERIALS, COMPOUNDS, OR FINISHES WITH EQUAL OR SUPERIOR PROPERTIES MAY BE SUBSTITUTED AS THEY BECOME AVAILABLE.

CERTIFIED FOR:

JOB NAME: _____
 CUSTOMER: _____
 CUSTOMER P.O.: _____
 SALES ORDER: _____

**MODEL EA TEFLON
 SINGLE BELLOW
 FLEXIBLE COUPLING**

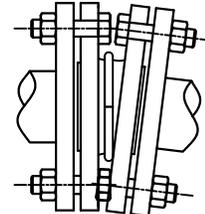
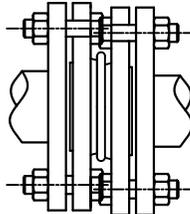
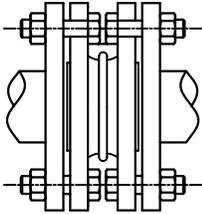


THE VMC GROUP
The Power of Together
 Bloomingdale, NJ 07403
 Houston, TX 77041

SCALE: NONE	
SHEET:	
DRAWING NO.:	REVISION

REV.	DESCRIPTION	DATE	BY

PIPE MOTION MAY BE ABSORBED BY AN EXPANSION JOINT

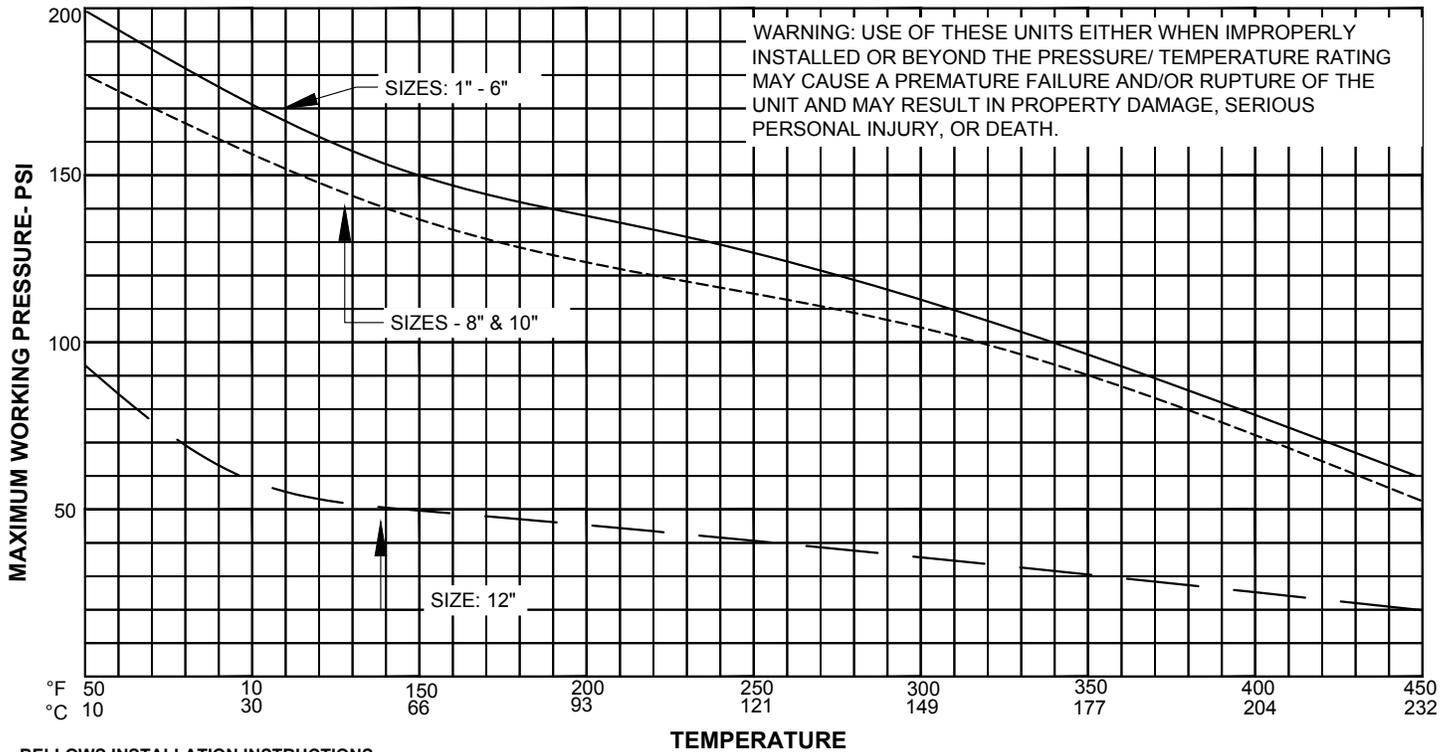


"MAXIMUM TRAVEL" (±) MAY BE CALLED LONGITUDINAL MOVEMENT OR AXIAL COMPRESSION AND EXTENSION. IT IS BASED ON INSTALLATION WITH NO MISALIGNMENT OR ANGULAR DEFLECTION.

"MAXIMUM MISALIGNMENT" MAY ALSO BE REFERRED TO AS LATERAL OFFSET OR DEFLECTION. IT IS BASED ON INSTALLATION WITH NO AXIAL TRAVEL OR ANGULAR DEFLECTION.

"MAXIMUM ANGULAR DEFLECTION" MAY BE CALLED ANGULAR ROTATION. IT IS BASED ON INSTALLATION WITH NO AXIAL TRAVEL OR LATERAL OFFSET.

NON-SHOCK WORKING PRESSURE VS. TEMPERATURE



BELLOWS INSTALLATION INSTRUCTIONS

1. DO NOT BORE CUT THREADS IN BOLT HOLES.
2. DO NOT EXCEED PRESSURE/ TEMPERATURE RATINGS.
3. SAFEGUARD UNITS IN HAZARDOUS SERVICE.
4. FOLLOW SOUND INSTALLATION PROCEDURES A TYPICAL REFERENCE IN THE "PIPING HANDBOOK" BY NAYYAR, PUBLISHED BY MCGRAW-HILL.
5. LEAVE UNIT BOLTS IN "AS RECEIVED" FACTORY SETTINGS. SEVERE DAMAGE CAN RESULT IF THE LIMIT BOLT AND STOP NUTS ARE REMOVED, REPLACED OR ALTERED TO EXCEED THE FACTORY SETTING. (SEE BELOW)
6. REMOVE FLANGE COVERS ONLY WHEN READY TO INSTALL BELLOWS.
7. ENSURE THAT SEALING FACES ARE CLEAN, SMOOTH, AND PARALLEL.
8. FOR HOT SERVICE INSTALL NEARLY EXTENDED; FOP COLD SERVICE INSTALL NEARLY COMPRESSED.
9. THREAD INSTALLATION BOLT FROM MATING FLANGE SIDE TO PREVENT POSSIBLE DAMAGE TO THE TFE ELEMENT. DO NOT EXTEND BOLTS BEHIND BELLOWS FLANGE MORE THAN 1-2 THREADS. NUT NOT NECESSARY.
10. ADDITIONAL INFORMATION AND SPECIFIC BOLT TORQUE DATA WILL BE FOUND ON THE DETAILED INSTALLATION INSTRUCTION SHEET INCLUDED IN THE BOX OF EACH AND EVERY UNIT SHIPPED.

WARNING: FAILURE TO FOLLOW THE ABOVE INSTALLATION INSTRUCTIONS MAY CAUSE PREMATURE FAILURE AND/OR RUPTURE OF THE UNIT RESULTING IN PROPERTY DAMAGE, SERIOUS PERSONAL INJURY OR DEATH.

LIMIT BOLT

LIMIT BOLTS WITH ELASTIC STOP NUTS ARE FACTORY SET AT THE MAXIMUM TRAVEL POSITION TO PREVENT OVEREXTENSION. SEVERE DAMAGE OR PERSONAL INJURY CAN RESULT IF THE LIMIT BOLTS AND STOP NUTS ARE REMOVED OR ALTERED TO EXCEED THE FACTORY SETTING, OR IF NON-LOCKING NUTS ARE INSTALLED.

OTHER MATERIALS, COMPOUNDS, OR FINISHES WITH EQUAL OR SUPERIOR PROPERTIES MAY BE SUBSTITUTED AS THEY BECOME AVAILABLE.

CERTIFIED FOR:

JOB NAME: _____
 CUSTOMER : _____
 CUSTOMER P.O.: _____
 SALES ORDER: _____

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