

NEGATIVE PRESSURE RATING FOR ALL SIZES: 26" (660) HG
 TEMPERATURE FOR RATED PRESSURE: 170 DEG F (77 DEG C)
 MAX ALLOWABLE TEMPERATURE: 450 DEG F (232 DEG C)
 STANDARD FLANGES PER ANSI 125/150# 250/300#, BS, DIN, JIS, FLANGES ALSO AVAILABLE BUT NOT SHOWN.

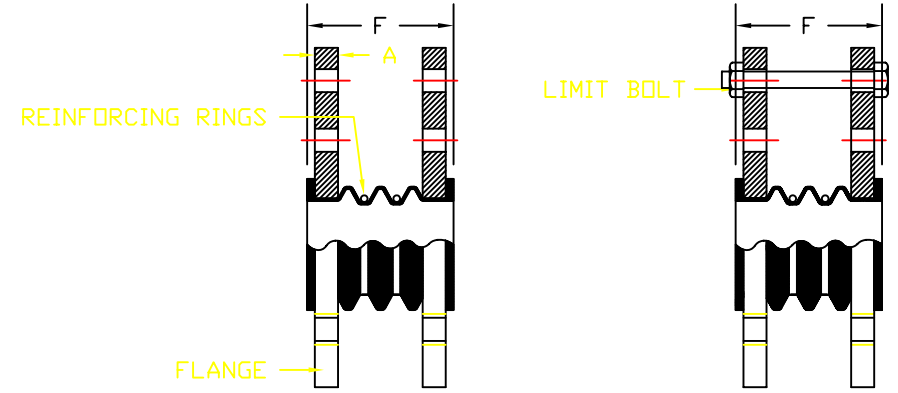
MATERIALS
 FLANGES: MILD STEEL

BODY: TEFLON (STD)

APPLICABLE FLUIDS FOR STD BODY: WATER, HOT WATER, SEAWATER, WEAK ACIDS, COMPRESSED AIR, ETC.

| NOM SIZE | LENGTH-L | APPROX A (STD HDWR) | STD HARDWARE (BY OTHERS) | AXIAL COMPRESSION | AXIAL ELONGATION | LETERAL DEFLECTION | ANGULAR DEFLECTION | MAX PRESSURE | WEIGHT CONNECTOR | WEIGHT CONTROL RODS |
|-----------|------------|---------------------|--------------------------|-------------------|------------------|--------------------|--------------------|--------------|------------------|---------------------|
| 1.0 (25) | 1.75 (44.) | — | 4- 1/2 -13 | .5 (13) | .5 (13) | .25 (6) | 45 DEG | 105 (7.4) | 2.0 (9) | 1.5 (7) |
| 1.25 (32) | 1.75 (44.) | — | 4- 1/2 -13 | .5 (13) | .5 (13) | .25 (6) | 38 DEG | 105 (7.4) | 2.0 (9) | 1.5 (7) |
| 1.5 (38) | 2.00 (51) | — | 4- 1/2 -13 | .5 (13) | .5 (13) | .25 (6) | 33 DEG | 105 (7.4) | 4.0 (18) | 1.5 (7) |
| 2 (50) | 2.75(70) | — | 4- 5/8 -11 | .75 (19) | .75 (19) | .375 (10) | 26 DEG | 105 (7.4) | 8.0 (36) | 2.5 (1.1) |
| 2.5 (63) | 3.18 (81) | — | 4- 5/8 -11 | .75 (19) | .75 (19) | .375 (10) | 31 DEG | 105 (7.4) | 11.0 (5.0) | 3.5 (1.6) |
| 3 (75) | 3.63 (92) | — | 4- 5/8 -11 | 1.0 (25) | 1.0 (25) | 0.5 (13) | 26 DEG | 105 (7.4) | 13.0 (5.9) | 4.2 (1.9) |
| 4 (100) | 3.63 (92) | — | 8- 5/8 -11 | 1.0 (25) | 1.0 (25) | 0.5 (13) | 26 DEG | 105 (7.4) | 19.0 (8.6) | 4.2 (1.9) |
| 5 (127) | 4.00 (102) | — | 8- 3/4 -10 | 1.0 (25) | 1.0 (25) | 0.5 (13) | 21 DEG | 105 (7.4) | 25. (11.4) | 6.0 (2.7) |
| 6 (152) | 4.00 (102) | — | 8- 3/4 -10 | 1.13 (29) | 1.13 (29) | 0.56 (14) | 18 DEG | 105 (7.4) | 30.0 (13.6) | 7.5 (3.4) |
| 8 (203) | 6.00 (152) | — | 8- 3/4 -10 | 1.13 (29) | 1.13 (29) | 0.56 (14) | 15 DEG | 90 (6.3) | 48.0 (21.8) | 13.4 (6.1) |
| 10 (254) | 5.88 (149) | — | 12- 7/8 -9 | 1.13 (29) | 1.13 (29) | 0.38 (10) | 12 DEG | 90 (6.3) | 80. (36.4) | 15.0 (6.8) |
| 12 (305) | 5.88 (149) | — | 12- 7/8 -9 | 1.19 (30) | 1.19 (30) | 0.31 (8) | 10 DEG | 55 (3.9) | 105 (47.7) | 21.0 (9.6) |
| 14 (356) | 5.88 (149) | — | 8- 1 -8 | 1.19 (30) | 1.19 (30) | 0.25 (6) | 8 DEG | 55 (3.9) | 125 (56.8) | 21.0 (9.6) |
| 16 (406) | 5.88 (149) | — | 8- 1 -8 | 1.19 (30) | 1.19 (30) | 0.25 (6) | 7 DEG | 40 (2.9) | 155. (70.5) | 21.0 (9.6) |
| 18 (457) | 5.88 (149) | — | 16- 1 1/8 -7 | 1.19 (30) | 1.19 (30) | 0.18 (5) | 7 DEG | 40 (2.9) | 175. (79.6) | 22.0 (10.0) |
| 20 (508) | 5.88 (149) | — | 20- 1 1/4 -7 | 1.19 (30) | 1.19 (30) | 0.18 (5) | 6 DEG | 30 (2.1) | 190. (86.4) | 22.0 (10.0) |
| 24 (610) | 7.00 (178) | — | 20- 1 1/4 -7 | 1.19 (30) | 1.19 (30) | 0.18 (5) | 6 DEG | 30 (2.1) | 275. (125) | 30. (13.6) |

PSI (BAR) LBS (KG)



KINFLEX KMC

KINFLEX KMC W/ CONTROL RODS

ALL DIMS IN INCHES (MM) EXCEPT AS NOTED

| TAG | QTY | PIPE SIZE | CONTROL RODS |
|-----|-----|-----------|--|
| | | | YES <input type="checkbox"/> NO <input type="checkbox"/> |
| | | | YES <input type="checkbox"/> NO <input type="checkbox"/> |
| | | | YES <input type="checkbox"/> NO <input type="checkbox"/> |
| | | | YES <input type="checkbox"/> NO <input type="checkbox"/> |
| | | | YES <input type="checkbox"/> NO <input type="checkbox"/> |

Drawn By: DC Date: 5/1/96 Approved By: PWM

Checked By: Scale: None



Drawing No.: S-05.05-01E

WARNING: Control Units Must Be Used To Protect This Part From Excessive Movement If Piping Is Not Properly Anchored. Expansion Joints May Operate In Pipelines Or Equipment Carrying Fluids And/Or Gases At Elevated Temperatures And Pressures. Normal Precautions Should Be Taken To Make Sure These Parts Are Installed Correctly And Inspected Regularly. Precautions Should Be Taken To Protect Personnel In The Event Of Leakage Or Splash.

Proposal/Inquiry/Order Number:
 Customer Name:
 Project Name:
 Architect/Engineer:
 Contractor:
 DATE:

REMARKS:

The above expansion joints and related hardware meet or exceed the physical, mechanical, or material specifications of the Rubber Expansion Joint Division Fluid Sealing Association. For additional information see the Association "Technical Handbook, Fifth Edition" Chapter 11, Paragraph a.1 and Tables II,III,IV.