# DOUBLE MIGHTYSPHERE MODEL DSKSEE, KEVLAR REINFORCED EPDM EXPANSION JOINT, 150# FLANGED
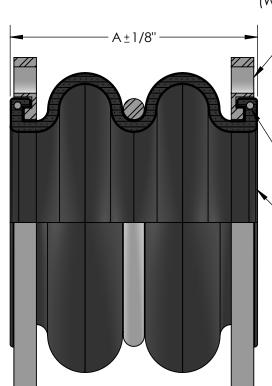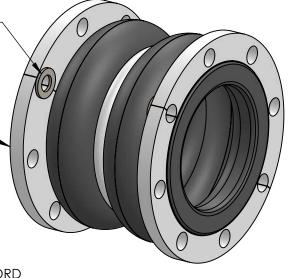
INSTALL WITH WASHER AT SPLIT IN FLANGE (WASHER BY OTHERS)

BOLT HOLE SIZE

A ±1/8"

FORGED STEEL SPLIT 150# FLOATING FLANGES

SOLID STEEL ANCHOR RING

MULTI-LAYERED (KEVLAR) TIRE-CORD REINFORCEMENT WITH PEROXIDE CURED EPDM

**NSF 372 - LEAD FREE**
The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight. Material complies with state codes and standards, where applicable, requiring reduced lead content.

NOTES:
WWW.METRAFLEX.COM FOR INSTALLATION INSTRUCTIONS.
JOINT MUST BE INSTALLED AT ITS NEUTRAL LENGTH.
BOLTS MUST BE PROPERLY TORQUED.
NOT SUITABLE FOR STEAM OR FULL VACUUM APPLICATIONS.
IF CONNECTING PIPE IS NOT ANCHORED AND GUIDED, CONTROL UNITS MUST BE USED.

| QTY | PART NUMBER | PIPE SIZE | | A | AXIAL COMP. | AXIAL EXT. | LATERAL OFFSET | ANGULAR | SPRING RATE (LBS/IN) | WEIGHT (LBS) | BOLT HOLE SIZE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | INCH | MM | | | | | | | | |
| | DSKSEE0200 | 2" | 50 | 7" | 2" | 9/16" | 3/4" | 34° | 160 | 10 | 3/4" |
| | DSKSEE0250 | 2-1/2" | 65 | 7" | 2" | 9/16" | 3/4" | 32° | 310 | 13 | 3/4" |
| | DSKSEE0300 | 3" | 80 | 7" | 2" | 9/16" | 3/4" | 30° | 320 | 14 | 3/4" |
| | DSKSEE0400 | 4" | 100 | 9" | 2" | 9/16" | 11/16" | 28° | 450 | 15 | 3/4" |
| | DSKSEE0500 | 5" | 125 | 9" | 2" | 9/16" | 11/16" | 24° | 360 | 24 | 7/8" |
| | DSKSEE0600 | 6" | 150 | 9" | 2" | 9/16" | 11/16" | 22° | 760 | 33 | 7/8" |
| | DSKSEE0800 | 8" | 200 | 13" | 2-3/8" | 9/16" | 11/16" | 20° | 1030 | 48 | 7/8" |
| | DSKSEE1000 | 10" | 250 | 13" | 2-3/8" | 9/16" | 11/16" | 18° | 680 | 65 | 1" |
| | DSKSEE1200 | 12" | 300 | 13" | 2-3/8" | 9/16" | 11/16" | 16° | 950 | 103 | 1" |

MAXIMUM OPERATING CONDITIONS

| TEMPERATURE | PRESSURE |
|---|---|
| 170°F | 250 PSI |
| 190°F | 245 PSI |
| 210°F | 235 PSI |
| 230°F | 225 PSI |
| 250°F | 215 PSI |

MAXIMUM WORKING TEMPERATURE 250°F

TO BE FURNISHED WITH CONTROL UNITS:

☐ YES   ☐ NO

CUSTOMER:_____

PROJECT:_____

ENGINEER:_____

| REV. | | DATE |
|---|---|---|

**Metraflex**
*for pipes in motion*

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**DOUBLE MIGHTYSPHERE MODEL DSKSEE**
EPDM EXPANSION JOINT, 150# FLANGES

| DRAWN BY: **DKISH** | DATE: **7/20/2018** |
|---|---|
| APPROVED: | DATE: |

| SCALE: N/A | DRAWING NUMBER: DSKSEE-1 |
|---|---|