



HVAC Products

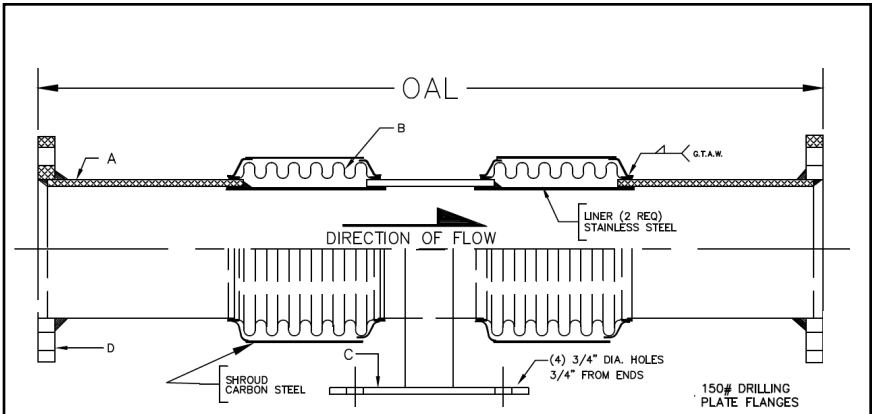
# SUBMITTAL

Mar 2018

## 311 SERIES DUAL EXPANSION JOINT 6" TRAVEL W/150# PLATE FLANGES

|            |  |
|------------|--|
| PROJECT:   |  |
| CUSTOMER:  |  |
| ENGINEER:  |  |
| ARCHITECT: |  |

| MATERIALS OF CONSTRUCTION |               |
|---------------------------|---------------|
| 'A' PIPE SCH 40:          | CARBON STEEL  |
| 'B' CAPSULE:              | T-304 STN STL |
| 'C' BASE PLATE:           | CARBON STEEL  |
| 'D' PLATE FLANGES:        | CARBON STEEL  |



AXIAL MOVEMENT RATED AT 4.8" AND 1.2" EXTENSION

DESIGN PRESSURE = 150 PSIG @ 70°F

| QTY | ID # OR TAG # | DIA (IN) | KEFLEX PART #  | OAL | AXIAL FORCE TO COMPRESS (LBS) | WEIGHT (LBS) | 3D Model (.stp) |
|-----|---------------|----------|----------------|-----|-------------------------------|--------------|-----------------|
|     |               | 2"       | F020M311DB1506 | 36" | 200                           | 35           |                 |
|     |               | 2 1/2"   | F024M311DB1506 | 36" | 400                           | 37           |                 |
|     |               | 3"       | F030M311DB1506 | 36" | 300                           | 63           |                 |
|     |               | 4"       | F040M311DB1506 | 36" | 700                           | 84           |                 |
|     |               | 5"       | F050M311DB1506 | 36" | 425                           | 106          |                 |
|     |               | 6"       | F060M311DB1506 | 36" | 500                           | 123          |                 |
|     |               | 8"       | F080M311DB1506 | 36" | 750                           | 169          |                 |
|     |               | 10"      | F100M311DB1506 | 36" | 1000                          | 207          |                 |
|     |               | 12"      | F120M311DB1506 | 36" | 600                           | 288          |                 |

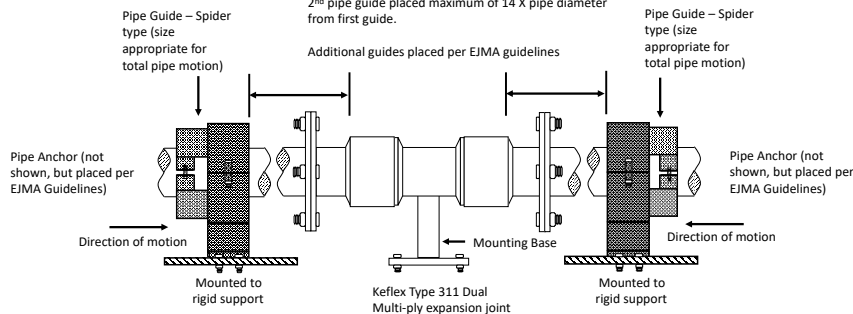
### Typical Installation

1<sup>st</sup> Pipe Guide (and anchor) placed a maximum distance of 4 X pipe diameter from expansion joint,

2<sup>nd</sup> pipe guide placed maximum of 14 X pipe diameter from first guide.

Additional guides placed per EJMA guidelines

Pipe Guide – Spider type (size appropriate for total pipe motion)



### IMPORTANT LINKS

|                            |  |
|----------------------------|--|
| BROCHURE:                  |  |
| INSTALLATION INSTRUCTIONS: |  |
| TECHNICAL DATA:            |  |
| WEBSITE:                   | <a href="http://KELCOIND.COM">KELCOIND.COM</a> |



MADE IN THE USA

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