



HVAC Products

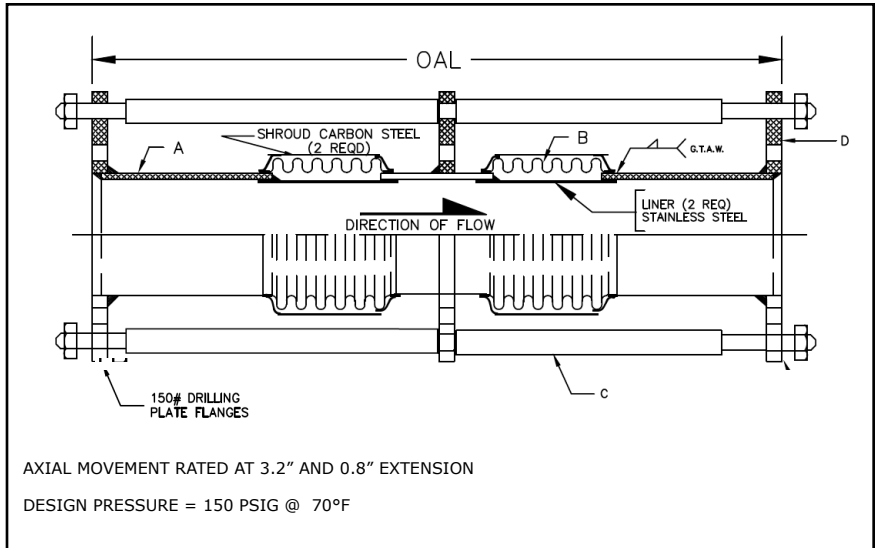
# SUBMITTAL

Mar 2018

## 311 SERIES DUAL EXPANSION JOINT 4" TRAVEL W/150# PLATE FLANGES & TIE RODS

<b>PROJECT:</b>	
<b>CUSTOMER:</b>	
<b>ENGINEER:</b>	
<b>ARCHITECT:</b>	

MATERIALS OF CONSTRUCTION	
'A' PIPE SCH 40:	CARBON STEEL
'B' CAPSULE:	T-304 STN STL
'C' TIE RODS/SPACERS:	CARBON STEEL
'D' PLATE FLANGES:	CARBON STEEL



QTY	ID # OR TAG #	DIA (IN)	KEFLEX PART #	OAL	AXIAL FORCE TO COMPRESS (LBS)	WEIGHT (LBS)	3D Model (.stp)
		2"	F020M311DT1504	31"	175	48	
		2 1/2"	F024M311DT1504	31"	350	51	
		3"	F030M311DT1504	31"	225	75	
		4"	F040M311DT1504	31"	575	95	
		5"	F050M311DT1504	31"	350	115	
		6"	F060M311DT1504	31"	400	132	
		8"	F080M311DT1504	31"	575	177	
		10"	F100M311DT1504	31"	850	221	
		12"	F120M311DT1504	31"	475	300	

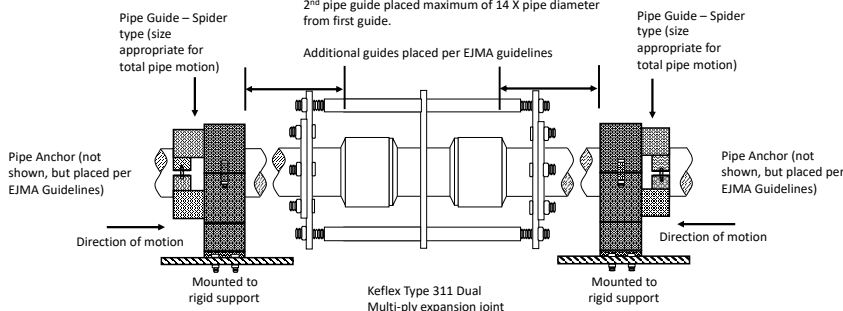
### Typical Installation

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

**1425 LAKE AVE  
WOODSTOCK, IL 60098  
815-334-3600**