

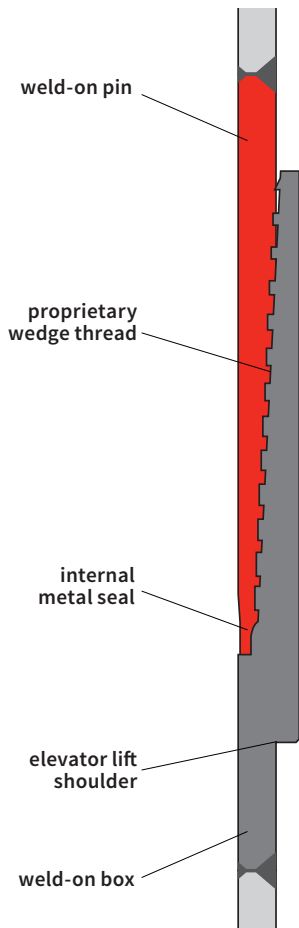
XL Systems 22 x 1.50 X80 XLW-GT Connector

Featuring an optimized metal seal design and high strength, weld-on pin and box forgings, XLW-GT provides unsurpassed gas pressure seal performance for large diameter surface casing. Extensive ISO 13679 testing on the 22 x 1.50 X80 pipe size has confirmed gas tight sealability up to 95% of X80 grade actual pipe body internal pressure ratings. Utilizing the same wedge thread design as the widely used XLW connector, XLW-GT maintains 100% pipe body ratings in tension, compression, and bending. XLW-GT is currently available in 20-inch and 22-inch diameter sizes.

ISO 13679:2011 CAL I-E (with Gas)

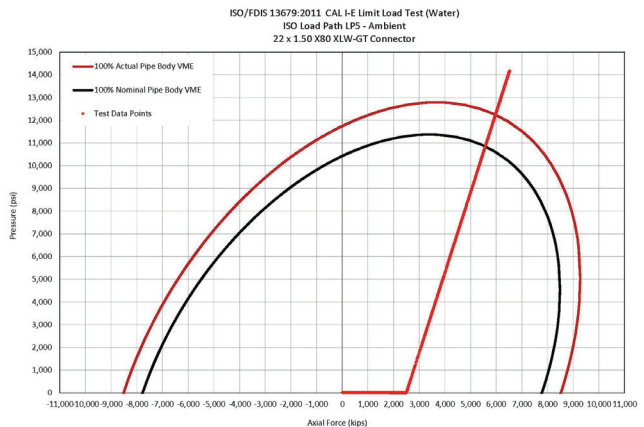
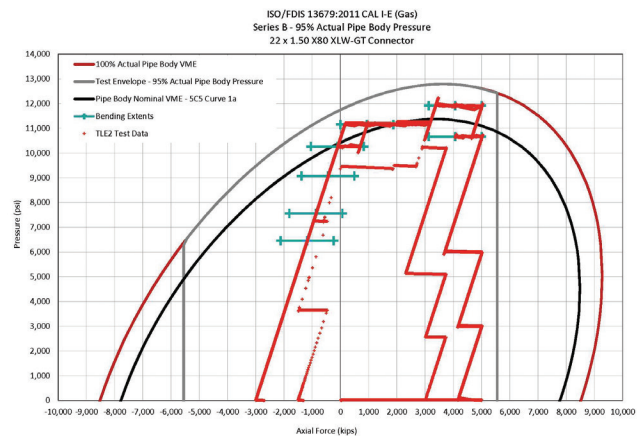
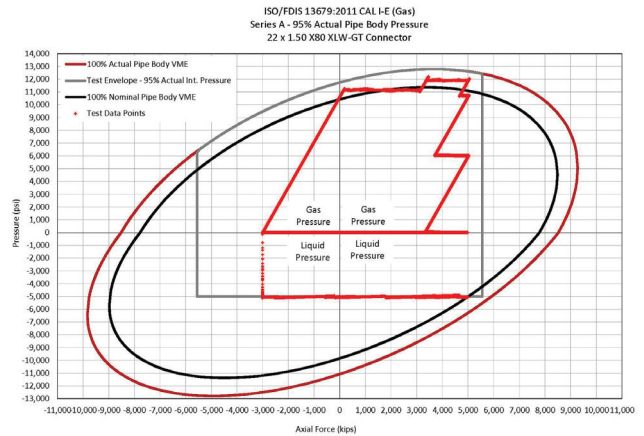
Summary of Test Requirements

Testing Requirement	ISO Specimen 1	ISO Specimen 5
Objective	thread galling and sealing	galling
Made-up condition	minimum seal interference	maximum overall tightness
Specimen geometry	extreme high thread interference	high thread interference
	extreme low seal interference	high seal interference
Make-and-break	two M&B plus final make-up	three M&B
Test series B	internal gas pressure with bending	not required
Test series A	internal gas and external liquid	not required
Limit load testing	LL3 tension to failure	not required



XLW-GT unique advantages:

- optimized internal metal-to-metal seal for gas tight sealability - no o-ring seal required
- successfully tested to the latest ISO 13679 requirements
- rated to a minimum of 100% pipe body ratings in tension, compression, and bending strengths
- no anti-rotation feature required
- no upper torque limitations allow for tighter make-ups if required
- a weld-on pin and box design creates more flexibility for manufacturing



Successfully qualified to 95% of X80 actual pipe body internal pressure ratings to ISO/FDIS 13679:2011 CAL I-E (with gas)



140 Cypress Station Drive, Suite 225
Houston, Texas 77090, USA
346.223.8800

xlsystems@nov.com

nov.com

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