

### CONNECTION PERFORMANCE DATA

PIPE SIZE	PIPE GRADE	WEIGHT	CONNECTION
2-3/8 IN	P-110	6.99 KG/M 4.7 LB/FT	PWS-6

**TUBULAR DATA**

TUBE O.D.	2.375	IN
TUBE I.D.	1.995	IN
GRADE	P-110	
WALL	0.190	IN
DRIFT DIA	1.91	IN
PIPE BODY CSA	1.304	IN
YLD IN TENSION	143,000	LBS
COLLAPSE PRESSURE YLD	16,130	PSI
INTERNAL PRESSURE YLD	15,400	PSI
TUBE COMPRESSION	143,000	LBS
TORSIONAL YIELD TUBE	6,986	FT-LBS
BENDING YIELD	212	°/100FT

**CONNECTION DATA**

TOOL JOINT OD	2.906	IN
TOOL JOINT ID	1.75	IN
TENSION EFFICENCY	110	%
CONN INT YLD	100	%
CONN COLLAPSE YLD	100	%
CONN TORSIONAL YLD	6,779	FT/LBS
OPERATING TORQUE	5,423	FT/LBS

**MAKE-UP TORQUE**

MINIMUM MAKE UP TORQUE	2,700	FT/LBS
OPTIMUM MAKE-UP TORQUE	3,038	FT/LBS
MAXIMUM MAKE-UP TORQUE	3,375	FT/LBS
ADJUSTED DISPLACEMENT	0.899	L/M
ADJUSTED CAPACITY	2.019	L/M

