

## Technical Datasheet

### 13<sup>3</sup>/<sub>8</sub> in 68 lb/ft P110 (API 5CT)

Clearance: Standard Bevel: 45°

#### PIPE BODY CHARACTERISTICS

Nominal OD	13.375 in
Nominal ID	12.415 in
Min. Yield Strength	110 ksi
Nominal Wall Thickness	0.480 in
Minimum Wall Thickness	87.5 %
Drift	12.259 in

#### CONNECTION PROPERTIES

Coupling OD (nominal)	14.267 in
Coupling ID (nominal)	12.370 in
Make-up Loss	5.796 in
Coupling Length	13.071 in
Tension Efficiency	100 % of pipe
Compression Efficiency	100 % of pipe
Internal Pressure Efficiency	100 % of pipe
External Pressure Efficiency	100 % of pipe

#### CONNECTION PERFORMANCE

Tensile Yield Load	2 139 klb
Compression Yield Load	2 139 klb
Internal Yield Pressure	7 110 psi
External Pressure Resistance	2 330 psi
Max. Bending with Sealability	20 °/100 ft
Max. Structural Bending	38 °/100 ft
Max. Load on Coupling Face	1 473 klb

#### TORQUE VALUES

Minimum Make-up torque	39 160 ft-lb
Optimum Make-up torque	43 520 ft-lb
Maximum Make-up torque	47 870 ft-lb
Minimum Shoulder Torque	2 180 ft-lb
Maximum Shoulder Torque	30 460 ft-lb
Maximum Operational Torque	50 040 ft-lb

Box end finish: Mn-Phosphating Pin end finish: As machined Lubrication: API-Modified

