

5 in 18 lb/ft TX25NP-125 (S32750)**Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	5.000 in
Nominal ID	4.276 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.362 in
Minimum Wall Thickness	90 %
Drift	4.151 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.577 in
Coupling ID (nominal)	4.215 in
Make-up Loss	4.191 in
Coupling Length	10.394 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	659 klb
Compression Yield Load	527 klb
Internal Yield Pressure	16 290 psi
External Pressure Resistance	14 820 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	292 klb

TORQUE VALUES

Minimum Make-up torque	9 430 ft·lb
Optimum Make-up torque	10 470 ft·lb
Maximum Make-up torque	11 520 ft·lb
Minimum Shoulder Torque	520 ft·lb
Maximum Shoulder Torque	7 330 ft·lb
Maximum Operational Torque	12 570 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IVwww.sentinelconnections.com

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