

7 in 26 lb/ft TX22-125 (S31803)**Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	7.000 in
Nominal ID	6.276 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.362 in
Minimum Wall Thickness	90 %
Drift	6.151 in

CONNECTION PROPERTIES

Coupling OD (nominal)	7.592 in
Coupling ID (nominal)	6.201 in
Make-up Loss	4.761 in
Coupling Length	11.535 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	943 klb
Compression Yield Load	755 klb
Internal Yield Pressure	11 640 psi
External Pressure Resistance	6 450 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	424 klb

TORQUE VALUES

Minimum Make-up torque	16 260 ft·lb
Optimum Make-up torque	18 070 ft·lb
Maximum Make-up torque	19 880 ft·lb
Minimum Shoulder Torque	910 ft·lb
Maximum Shoulder Torque	12 650 ft·lb
Maximum Operational Torque	21 680 ft·lb

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

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