

5½ in 20 lb/ft TX22-125 (S31803)**Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	5.500 in
Nominal ID	4.778 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.361 in
Minimum Wall Thickness	90 %
Drift	4.653 in

CONNECTION PROPERTIES

Coupling OD (nominal)	6.071 in
Coupling ID (nominal)	4.785 in
Make-up Loss	4.413 in
Coupling Length	10.748 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	729 klb
Compression Yield Load	583 klb
Internal Yield Pressure	14 770 psi
External Pressure Resistance	12 080 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	299 klb

TORQUE VALUES

Minimum Make-up torque	10 750 ft·lb
Optimum Make-up torque	11 950 ft·lb
Maximum Make-up torque	13 140 ft·lb
Minimum Shoulder Torque	600 ft·lb
Maximum Shoulder Torque	8 360 ft·lb
Maximum Operational Torque	14 340 ft·lb

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

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