

7 in 29 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	6.184 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.408 in
Minimum Wall Thickness	90 %
Drift	6.059 in

CONNECTION PROPERTIES

Coupling OD (nominal)	7.671 in
Coupling ID (nominal)	6.109 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	1 056 klb
Compression Yield Load	845 klb
Internal Yield Pressure	13 110 psi
External Pressure Resistance	9 110 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	518 klb

TORQUE VALUES

Minimum Make-up torque	19 150 ft·lb
Optimum Make-up torque	21 270 ft·lb
Maximum Make-up torque	23 400 ft·lb
Minimum Shoulder Torque	1 060 ft·lb
Maximum Shoulder Torque	14 890 ft·lb
Maximum Operational Torque	25 530 ft·lb

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

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