

5 in 15 lb/ft TX22-125 (S31803)**Box end finish: Cu-Plating Lubrication: API-Modified****Clearance: Standard Bevel: 45°****PIPE BODY CHARACTERISTICS**

Nominal OD	5.000 in
Nominal ID	4.408 in
Min. Yield Strength	125 ksi
Nominal Wall Thickness	0.296 in
Minimum Wall Thickness	90 %
Drift	4.283 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.470 in
Coupling ID (nominal)	4.344 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	547 klb
Compression Yield Load	438 klb
Internal Yield Pressure	13 320 psi
External Pressure Resistance	9 480 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	201 klb

TORQUE VALUES

Minimum Make-up torque	6 510 ft·lb
Optimum Make-up torque	7 230 ft·lb
Maximum Make-up torque	7 950 ft·lb
Minimum Shoulder Torque	360 ft·lb
Maximum Shoulder Torque	5 060 ft·lb
Maximum Operational Torque	8 670 ft·lb

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

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