

Technical Datasheet

2⁷/₈ in 6.4 lb/ft TX825-110 (UNS N08825, 110 ksi)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	2.875 in
Nominal ID	2.441 in
Min. Yield Strength	110 ksi
Min. Compression Yield Strength (80% asymmetry ratio)	88 ksi
Nominal Wall Thickness	0.217 in
Minimum Wall Thickness	90 %
Drift	2.347 in

CONNECTION PROPERTIES

Coupling OD (nominal)	3.232 in
Coupling ID (nominal)	2.402 in
Make-up Loss	2.716 in
Coupling Length	6.063 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	199 klb
Compression Yield Load	159 klb
Internal Yield Pressure	14 940 psi
External Pressure Resistance	14 550 psi
Max. Bending with Sealability	30 °/100 ft
Max. Structural Bending	158 °/100 ft
Max. Load on Coupling Face	83 klb

TORQUE VALUES

Minimum Make-up torque	2 140 ft-lb
Optimum Make-up torque	2 370 ft-lb
Maximum Make-up torque	2 610 ft-lb
Minimum Shoulder Torque	120 ft-lb
Maximum Shoulder Torque	1 660 ft-lb
Maximum Operational Torque	2 610 ft-lb

Box end finish: Cu-Plating Pin end finish: SS Bead Blasting Lubrication: API-Modified



Connection qualified as per API RP 5C5 4th edition (2017) - CAL IV

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