

5 in 23.3 lb/ft P110 (API 5CT)

Box end finish: Mang. Phosph. Lubrication: API-Modified
Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	5.000 in
Nominal ID	4.044 in
Min. Yield Strength	110 ksi
Nominal Wall Thickness	0.478 in
Minimum Wall Thickness	87.5 %
Drift	3.919 in

CONNECTION PROPERTIES

Coupling OD (nominal)	5.750 in
Coupling ID (nominal)	3.986 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	747 klb
Compression Yield Load	747 klb
Internal Yield Pressure	18 930 psi
External Pressure Resistance	19 020 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	489 klb

TORQUE VALUES

Minimum Make-up torque	13 340 ft·lb
Optimum Make-up torque	14 820 ft·lb
Maximum Make-up torque	16 310 ft·lb
Minimum Shoulder Torque	740 ft·lb
Maximum Shoulder Torque	10 380 ft·lb
Maximum Operational Torque	17 790 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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