

7 in 29 lb/ft P110 (API 5CT)

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

PIPE BODY CHARACTERISTICS

Nominal OD	7.000 in
Nominal ID	6.184 in
Min. Yield Strength	110 ksi
Nominal Wall Thickness	0.408 in
Minimum Wall Thickness	87.5 %
Drift	6.059 in

CONNECTION PROPERTIES

Coupling OD (nominal)	7.671 in
Coupling ID (nominal)	6.113 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	929 klb
Compression Yield Load	929 klb
Internal Yield Pressure	11 540 psi
External Pressure Resistance	8 530 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	570 klb

TORQUE VALUES

Minimum Make-up torque	17 260 ft·lb
Optimum Make-up torque	19 180 ft·lb
Maximum Make-up torque	21 090 ft·lb
Minimum Shoulder Torque	960 ft·lb
Maximum Shoulder Torque	13 420 ft·lb
Maximum Operational Torque	23 010 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV



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