

7⁵/₈ in 39 lb/ft P110 (API 5CT)

Box end finish: Mang. Phosph. Lubrication: API-Modified

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	7.625 in
Nominal ID	6.625 in
Min. Yield Strength	110 ksi
Nominal Wall Thickness	0.500 in
Minimum Wall Thickness	87.5 %
Drift	6.500 in

CONNECTION PROPERTIES

Coupling OD (nominal)	8.419 in
Coupling ID (nominal)	6.593 in
Make-up Loss	5.220 in
Coupling Length	11.732 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	1 231 klb
Compression Yield Load	1 231 klb
Internal Yield Pressure	12 980 psi
External Pressure Resistance	11 080 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	783 klb

TORQUE VALUES

Minimum Make-up torque	19 520 ft·lb
Optimum Make-up torque	21 680 ft·lb
Maximum Make-up torque	23 850 ft·lb
Minimum Shoulder Torque	1 080 ft·lb
Maximum Shoulder Torque	15 180 ft·lb
Maximum Operational Torque	26 020 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV

