

7⁵/₈ in 33.7 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	6.765 in
Min. Yield Strength	110 ksi
Nominal Wall Thickness	0.430 in
Minimum Wall Thickness	87.5 %
Drift	6.640 in

CONNECTION PROPERTIES

Coupling OD (nominal)	8.305 in
Coupling ID (nominal)	6.704 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	1 069 klb
Compression Yield Load	1 069 klb
Internal Yield Pressure	11 170 psi
External Pressure Resistance	7 870 psi
Max. Bending with API Sealability	20 °/100 ft
Max. Load on Coupling Face	619 klb

TORQUE VALUES

Minimum Make-up torque	18 210 ft·lb
Optimum Make-up torque	20 230 ft·lb
Maximum Make-up torque	22 260 ft·lb
Minimum Shoulder Torque	1 010 ft·lb
Maximum Shoulder Torque	14 160 ft·lb
Maximum Operational Torque	24 280 ft·lb

Connection qualified as per ISO 13679:2002 - CAL IV

