

Technical Datasheet

9⁵/₈ in 53.5 lb/ft L80 13Cr (API 5CT)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	9.625 in
Nominal ID	8.535 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.545 in
Minimum Wall Thickness	87.5 %
Drift	8.500 in

CONNECTION PROPERTIES

Coupling OD (nominal)	10.610 in
Coupling ID (nominal)	8.555 in
Make-up Loss	5.487 in
Coupling Length	12.795 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	1 243 klb
Compression Yield Load	1 243 klb
Internal Yield Pressure	7 930 psi
External Pressure Resistance	6 620 psi
Max. Bending with Sealability	28 °/100 ft
Max. Structural Bending	38 °/100 ft
Max. Load on Coupling Face	901 klb

TORQUE VALUES

Minimum Make-up torque	25 200 ft-lb
Optimum Make-up torque	28 000 ft-lb
Maximum Make-up torque	30 800 ft-lb
Minimum Shoulder Torque	1 400 ft-lb
Maximum Shoulder Torque	19 600 ft-lb
Maximum Operational Torque	35 420 ft-lb

Box end finish: Cu-Plating Pin end finish: As machined Lubrication: API-Modified



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

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