

Technical Datasheet

5½ in 23 lb/ft L80 13Cr (API 5CT)

Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

Nominal OD	5.500 in
Nominal ID	4.670 in
Min. Yield Strength	80 ksi
Nominal Wall Thickness	0.415 in
Minimum Wall Thickness	87.5 %
Drift	4.545 in

CONNECTION PROPERTIES

Coupling OD (nominal)	6.181 in
Coupling ID (nominal)	4.603 in
Make-up Loss	4.535 in
Coupling Length	10.472 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	530 klb
Compression Yield Load	530 klb
Internal Yield Pressure	10 560 psi
External Pressure Resistance	11 160 psi
Max. Bending with Sealability	48 °/100 ft
Max. Structural Bending	67 °/100 ft
Max. Load on Coupling Face	344 klb

TORQUE VALUES

Minimum Make-up torque	7 170 ft-lb
Optimum Make-up torque	7 970 ft-lb
Maximum Make-up torque	8 760 ft-lb
Minimum Shoulder Torque	400 ft-lb
Maximum Shoulder Torque	5 580 ft-lb
Maximum Operational Torque	9 640 ft-lb

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

