CBJYJ2022-001(0682) REV.02 Effective Date: 2022.3.15

OD	Weight	Wall Th	Grade	API Drift	Connection
5.000in	13.00lb/ft	0.253in	N80Q	4.369in	CBS3

PIPE BODY PROPERTIES	
Nominal OD	5.000 in
Nominal ID	4.494 in
Nominal Wall Thickness	0.253 in
Minimum Wall Thickness	87.5 %
Nominal Weight(API)	13.00 lb/ft
Plain End Weight	12.84 lb/ft
Drift	4.369 in
Grade Type	API 5CT
Minimum Yield Strength	80 ksi
Maximum Yield Strength	110 ksi
Minimum Ultimate Tensile Strength	100 ksi
Pipe Body Yield Strength	302 klb
Internal Yield Strength	7,070 psi
Collapse Pressure	5,130 psi

CONNECTION PROPERTIES	
Connection Type	Premium Thread&Coupled
Nominal Connection OD	5.470 in
Nominal Connection ID	4.439 in
Make-up Loss	4.388 in
Coupling Length	10.787 in
Tension Efficiency	100% of Pipe Body
Compression Efficiency	60% of Pipe Body
Internal Pressure Efficiency	100% of Pipe Body
External Pressure Efficiency	100% of Pipe Body

JOINT PERFORMANCES	
Tensile Strength	302 klb
Compression Strength	181 klb
Internal Pressure Resistance	7,070 psi
External Pressure Resistance	5,130 psi
Maximum Bending	30 °/100 ft
Maximum Load on Coupling Face	205 klb

FIELD TORQUE VALUES	
Friction Coefficient	1
Min. Make-up torque	3,850 ft-lb
Opti. Make-up torque	4,280 ft-lb
Max. Make-up torque	4,700 ft-lb
Min. Shoulder torque	210 ft-lb
Max. Shoulder torque	3,420 ft-lb
Min. Delta Turn	0.010 turns
Max. Delta Turn	0.120 turns

Generated on 22/11/2026