CBJYJ2022-001(0541) REV.02 Effective Date: 2022.3.15

OD	Weight	Wall Th	Grade	API Drift	Connection
4.500in	18.90lb/ft	0.430in	N80Q	3.515in	CBS3

PIPE BODY PROPERTIES	
Nominal OD	4.500 in
Nominal ID	3.640 in
Nominal Wall Thickness	0.430 in
Minimum Wall Thickness	87.5 %
Nominal Weight(API)	18.90 lb/ft
Plain End Weight	18.71 lb/ft
Drift	3.515 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	440 klb
Internal Yield Strength	13,380 psi
Collapse Pressure	13,830 psi

CONNECTION PROPERTIES	
Connection Type	Premium Thread&Coupled
Nominal Connection OD	5.200 in
Nominal Connection ID	3.586 in
Make-up Loss	4.230 in
Coupling Length	9.606 in
Tension Efficiency	100% of Pipe Body
Compression Efficiency	100% of Pipe Body
Internal Pressure Efficiency	100% of Pipe Body
External Pressure Efficiency	100% of Pipe Body

JOINT PERFORMANCES	
Tensile Strength	440 klb
Compression Strength	440 klb
Internal Pressure Resistance	13,380 psi
External Pressure Resistance	13,830 psi
Maximum Bending	30 °/100 ft
Maximum Load on Coupling Face	350 klb

FIELD TORQUE VALUES	
Friction Coefficient	1
Min. Make-up torque	8,040 ft-lb
Opti. Make-up torque	8,930 ft-lb
Max. Make-up torque	9,820 ft-lb
Min. Shoulder torque	450 ft-lb
Max. Shoulder torque	7,140 ft-lb
Min. Delta Turn	0.010 turns
Max. Delta Turn	0.120 turns

Generated on 23/11/2026