CBJYJ2022-001(0684) REV.02 Effective Date: 2022.3.15

OD	Weight	Wall Th	Grade	API Drift	Connection
5.000in	18.00lb/ft	0.362in	N80Q	4.151in	CBS3

PIPE BODY PROPERTIES	
Nominal OD	5.000 in
Nominal ID	4.276 in
Nominal Wall Thickness	0.362 in
Minimum Wall Thickness	87.5 %
Nominal Weight(API)	18.00 lb/ft
Plain End Weight	17.95 lb/ft
Drift	4.151 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	422 klb
Internal Yield Strength	10,140 psi
Collapse Pressure	10,490 psi

CONNECTION PROPERTIES	
Connection Type	Premium Thread&Coupled
Nominal Connection OD	5.648 in
Nominal Connection ID	4.392 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	422 klb
Compression Strength	253 klb
Internal Pressure Resistance	10,140 psi
External Pressure Resistance	10,490 psi
Maximum Bending	30 °/100 ft
Maximum Load on Coupling Face	329 klb

FIELD TORQUE VALUES	
Friction Coefficient	1
Min. Make-up torque	5,330 ft-lb
Opti. Make-up torque	5,900 ft-lb
Max. Make-up torque	6,480 ft-lb
Min. Shoulder torque	300 ft-lb
Max. Shoulder torque	4,720 ft-lb
Min. Delta Turn	0.010 turns
Max. Delta Turn	0.120 turns

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