CBJYJ2022-001(0685) REV.02 Effective Date: 2022.3.15

OD	Weight	Wall Th	Grade	API Drift	Connection
5.000in	20.30lb/ft	0.408in	N80Q	4.059in	CBS3

PIPE BODY PROPERTIES	
Nominal OD	5.000 in
Nominal ID	4.184 in
Nominal Wall Thickness	0.408 in
Minimum Wall Thickness	87.5 %
Nominal Weight(API)	20.30 lb/ft
Plain End Weight	20.03 lb/ft
Drift	4.059 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	471 klb
Internal Yield Strength	11,420 psi
Collapse Pressure	11,990 psi

CONNECTION PROPERTIES	
Connection Type	Premium Thread&Coupled
Nominal Connection OD	5.669 in
Nominal Connection ID	4.307 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	471 klb
Compression Strength	283 klb
Internal Pressure Resistance	11,420 psi
External Pressure Resistance	11,990 psi
Maximum Bending	30 °/100 ft
Maximum Load on Coupling Face	345 klb

FIELD TORQUE VALUES	
Friction Coefficient	1
Min. Make-up torque	6,660 ft-lb
Opti. Make-up torque	7,380 ft-lb
Max. Make-up torque	8,100 ft-lb
Min. Shoulder torque	370 ft-lb
Max. Shoulder torque	5,900 ft-lb
Min. Delta Turn	0.010 turns
Max. Delta Turn	0.120 turns

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