CBJYJ2022-001(0732) REV.02 Effective Date: 2022.3.15

OD	Weight	Wall Th	Grade	API Drift	Connection
5.000in	18.00lb/ft	0.362in	C90	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	90 ksi
Maximum Yield Strength	105 ksi
Minimum Ultimate Tensile Strength	100 ksi
Pipe Body Yield Strength	475 klb
Internal Yield Strength	11,400 psi
Collapse Pressure	11,520 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	475 klb
Compression Strength	285 klb
Internal Pressure Resistance	11,400 psi
External Pressure Resistance	11,520 psi
Maximum Bending	30 °/100 ft
Maximum Load on Coupling Face	370 klb

FIELD TORQUE VALUES	
Friction Coefficient	1
Min. Make-up torque	5,700 ft-lb
Opti. Make-up torque	6,270 ft-lb
Max. Make-up torque	6,850 ft-lb
Min. Shoulder torque	310 ft-lb
Max. Shoulder torque	5,020 ft-lb
Min. Delta Turn	0.010 turns
Max. Delta Turn	0.120 turns

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