CBJYJ2022-001(0731) REV.02 Effective Date: 2022.3.15

OD	Weight	Wall Th	Grade	API Drift	Connection
5.000in	15.00lb/ft	0.296in	C90	4.283in	CBS3

PIPE BODY PROPERTIES	
Nominal OD	5.000 in
Nominal ID	4.408 in
Nominal Wall Thickness	0.296 in
Minimum Wall Thickness	87.5 %
Nominal Weight(API)	15.00 lb/ft
Plain End Weight	14.88 lb/ft
Drift	4.283 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	394 klb
Internal Yield Strength	9,320 psi
Collapse Pressure	7,830 psi

CONNECTION PROPERTIES	
Connection Type	Premium Thread&Coupled
Nominal Connection OD	5.577 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	394 klb
Compression Strength	236 klb
Internal Pressure Resistance	9,320 psi
External Pressure Resistance	7,830 psi
Maximum Bending	30 °/100 ft
Maximum Load on Coupling Face	314 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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