CBJYJ2022-001(2171) REV.02 Effective Date: 2022.3.15

OD	Weight	Wall Th	Grade	API Drift	Connection
4.500in	17.00lb/ft	0.380in	CB110S-13Cr	3.615in	CBS3

PIPE BODY PROPERTIES	
Nominal OD	4.500 in
Nominal ID	3.740 in
Nominal Wall Thickness	0.380 in
Minimum Wall Thickness	87.5 %
Nominal Weight(API)	17.00 lb/ft
Plain End Weight	16.73 lb/ft
Drift	3.615 in
Grade Type	API 5CT
Minimum Yield Strength	110 ksi
Maximum Yield Strength	120 ksi
Minimum Ultimate Tensile Strength	115 ksi
Pipe Body Yield Strength	541 klb
Internal Yield Strength	16,260 psi
Collapse Pressure	17,010 psi

CONNECTION PROPERTIES	
Connection Type	Premium Thread&Coupled
Nominal Connection OD	5.096 in
Nominal Connection ID	3.680 in
Make-up Loss	4.238 in
Coupling Length	9.488 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	541 klb
Compression Strength	541 klb
Internal Pressure Resistance	16,260 psi
External Pressure Resistance	17,010 psi
Maximum Bending	30 °/100 ft
Maximum Load on Coupling Face	389 klb

FIELD TORQUE VALUES	
Friction Coefficient	1
Min. Make-up torque	7,680 ft-lb
Opti. Make-up torque	8,560 ft-lb
Max. Make-up torque	9,450 ft-lb
Min. Shoulder torque	430 ft-lb
Max. Shoulder torque	6,850 ft-lb
Min. Delta Turn	0.010 turns
Max. Delta Turn	0.120 turns

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