CBJYJ2022-001(2090) REV.02 Effective Date: 2022.3.15

OD	Weight	Wall Th	Grade	API Drift	Connection
3.500in	12.70lb/ft	0.375in	CB110S-13Cr	2.625in	CBS3

PIPE BODY PROPERTIES	
Nominal OD	3.500 in
Nominal ID	2.750 in
Nominal Wall Thickness	0.375 in
Minimum Wall Thickness	87.5 %
Nominal Weight(API)	12.70 lb/ft
Plain End Weight	12.53 lb/ft
Drift	2.625 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	405 klb
Internal Yield Strength	20,630 psi
Collapse Pressure	21,050 psi

CONNECTION PROPERTIES	
Connection Type	Premium Thread&Coupled
Nominal Connection OD	4.098 in
Nominal Connection ID	2.707 in
Make-up Loss	4.017 in
Coupling Length	9.016 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	405 klb
Compression Strength	405 klb
Internal Pressure Resistance	20,630 psi
External Pressure Resistance	21,050 psi
Maximum Bending	30 °/100 ft
Maximum Load on Coupling Face	308 klb

FIELD TORQUE VALUES	
Friction Coefficient	1
Min. Make-up torque	5,610 ft-lb
Opti. Make-up torque	6,200 ft-lb
Max. Make-up torque	6,790 ft-lb
Min. Shoulder torque	310 ft-lb
Max. Shoulder torque	4,960 ft-lb
Min. Delta Turn	0.010 turns
Max. Delta Turn	0.120 turns

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