CBJYJ2022-001(2168) REV.02 Effective Date: 2022.3.15

OD	Weight	Wall Th	Grade	API Drift	Connection
4.500in	12.60lb/ft	0.271in	CB110S-13Cr	3.833in	CBS3

PIPE BODY PROPERTIES	
Nominal OD	4.500 in
Nominal ID	3.958 in
Nominal Wall Thickness	0.271 in
Minimum Wall Thickness	87.5 %
Nominal Weight(API)	12.60 lb/ft
Plain End Weight	12.25 lb/ft
Drift	3.833 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	396 klb
Internal Yield Strength	11,580 psi
Collapse Pressure	9,200 psi

CONNECTION PROPERTIES	
Connection Type	Premium Thread&Coupled
Nominal Connection OD	4.968 in
Nominal Connection ID	3.913 in
Make-up Loss	3.419 in
Coupling Length	7.953 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	396 klb
Compression Strength	396 klb
Internal Pressure Resistance	11,580 psi
External Pressure Resistance	9,200 psi
Maximum Bending	30 °/100 ft
Maximum Load on Coupling Face	272 klb

FIELD TORQUE VALUES	
Friction Coefficient	1
Min. Make-up torque	4,720 ft-lb
Opti. Make-up torque	5,230 ft-lb
Max. Make-up torque	5,750 ft-lb
Min. Shoulder torque	260 ft-lb
Max. Shoulder torque	4,190 ft-lb
Min. Delta Turn	0.010 turns
Max. Delta Turn	0.120 turns

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