CBJYJ2022-001(2170) REV.02 Effective Date: 2022.3.15

OD	Weight	Wall Th	Grade	API Drift	Connection
4.500in	15.10lb/ft	0.337in	CB110S-13Cr	3.701in	CBS3

PIPE BODY PROPERTIES	
Nominal OD	4.500 in
Nominal ID	3.826 in
Nominal Wall Thickness	0.337 in
Minimum Wall Thickness	87.5 %
Nominal Weight(API)	15.10 lb/ft
Plain End Weight	15.00 lb/ft
Drift	3.701 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	485 klb
Internal Yield Strength	14,420 psi
Collapse Pressure	14,350 psi

CONNECTION PROPERTIES	
Connection Type	Premium Thread&Coupled
Nominal Connection OD	5.063 in
Nominal Connection ID	3.798 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	485 klb
Compression Strength	485 klb
Internal Pressure Resistance	14,420 psi
External Pressure Resistance	14,350 psi
Maximum Bending	30 °/100 ft
Maximum Load on Coupling Face	354 klb

FIELD TORQUE VALUES	
Friction Coefficient	1
Min. Make-up torque	6,490 ft-lb
Opti. Make-up torque	7,230 ft-lb
Max. Make-up torque	7,970 ft-lb
Min. Shoulder torque	360 ft-lb
Max. Shoulder torque	5,790 ft-lb
Min. Delta Turn	0.010 turns
Max. Delta Turn	0.120 turns

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