CBJYJ2022-001(2175) REV.02 Effective Date: 2022.3.15

OD	Weight	Wall Th	Grade	API Drift	Connection
4.500in	23.70lb/ft	0.560in	CB110S-13Cr	3.255in	CBS3

PIPE BODY PROPERTIES	
Nominal OD	4.500 in
Nominal ID	3.380 in
Nominal Wall Thickness	0.560 in
Minimum Wall Thickness	87.5 %
Nominal Weight(API)	23.70 lb/ft
Plain End Weight	23.59 lb/ft
Drift	3.255 in
Grade Type	API 5CT
Minimum Yield Strength	110 ksi
Maximum Yield Strength	140 ksi
Minimum Ultimate Tensile Strength	115 ksi
Pipe Body Yield Strength	763 klb
Internal Yield Strength	23,960 psi
Collapse Pressure	23,970 psi

CONNECTION PROPERTIES	
Connection Type	Premium Thread&Coupled
Nominal Connection OD	5.362 in
Nominal Connection ID	3.350 in
Make-up Loss	4.742 in
Coupling Length	10.591 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	763 klb
Compression Strength	763 klb
Internal Pressure Resistance	23,960 psi
External Pressure Resistance	23,970 psi
Maximum Bending	30 °/100 ft
Maximum Load on Coupling Face	630 klb

FIELD TORQUE VALUES	
Friction Coefficient	1
Min. Make-up torque	12,690 ft-lb
Opti. Make-up torque	14,100 ft-lb
Max. Make-up torque	15,500 ft-lb
Min. Shoulder torque	700 ft-lb
Max. Shoulder torque	11,280 ft-lb
Min. Delta Turn	0.010 turns
Max. Delta Turn	0.120 turns

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