CBJYJ2022-001(0634) REV.02 Effective Date: 2022.3.15

OD	Weight	Wall Th	Grade	API Drift	Connection
4.500in	10.50lb/ft	0.224in	P110	3.927in	CBS3

PIPE BODY PROPERTIES	
Nominal OD	4.500 in
Nominal ID	4.052 in
Nominal Wall Thickness	0.224 in
Minimum Wall Thickness	87.5 %
Nominal Weight(API)	10.50 lb/ft
Plain End Weight	10.24 lb/ft
Drift	3.927 in
Grade Type	API 5CT
Minimum Yield Strength	110 ksi
Maximum Yield Strength	140 ksi
Minimum Ultimate Tensile Strength	125 ksi
Pipe Body Yield Strength	331 klb
Internal Yield Strength	9,580 psi
Collapse Pressure	5,560 psi

CONNECTION PROPERTIES	
Connection Type	Premium Thread&Coupled
Nominal Connection OD	4.902 in
Nominal Connection ID	3.999 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	331 klb
Compression Strength	331 klb
Internal Pressure Resistance	9,580 psi
External Pressure Resistance	5,560 psi
Maximum Bending	30 °/100 ft
Maximum Load on Coupling Face	216 klb

FIELD TORQUE VALUES	
Friction Coefficient	1
Min. Make-up torque	3,470 ft-lb
Opti. Make-up torque	3,840 ft-lb
Max. Make-up torque	4,210 ft-lb
Min. Shoulder torque	190 ft-lb
Max. Shoulder torque	3,070 ft-lb
Min. Delta Turn	0.010 turns
Max. Delta Turn	0.120 turns

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