CBJYJ2022-001(0598) REV.02 Effective Date: 2022.3.15

OD	Weight	Wall Th	Grade	API Drift	Connection
4.500in	15.10lb/ft	0.337in	C90	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	90 ksi
Maximum Yield Strength	105 ksi
Minimum Ultimate Tensile Strength	100 ksi
Pipe Body Yield Strength	397 klb
Internal Yield Strength	11,800 psi
Collapse Pressure	12,220 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	397 klb
Compression Strength	397 klb
Internal Pressure Resistance	11,800 psi
External Pressure Resistance	12,220 psi
Maximum Bending	30 °/100 ft
Maximum Load on Coupling Face	290 klb

FIELD TORQUE VALUES	
Friction Coefficient	1
Min. Make-up torque	6,050 ft-lb
Opti. Make-up torque	6,720 ft-lb
Max. Make-up torque	7,380 ft-lb
Min. Shoulder torque	340 ft-lb
Max. Shoulder torque	5,370 ft-lb
Min. Delta Turn	0.010 turns
Max. Delta Turn	0.120 turns

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