CBJYJ2022-001(0597) REV.02 Effective Date: 2022.3.15

OD	Weight	Wall Th	Grade	API Drift	Connection
4.500in	13.50lb/ft	0.290in	C90	3.795in	CBS3

PIPE BODY PROPERTIES	
Nominal OD	4.500 in
Nominal ID	3.920 in
Nominal Wall Thickness	0.290 in
Minimum Wall Thickness	87.5 %
Nominal Weight(API)	13.50 lb/ft
Plain End Weight	13.05 lb/ft
Drift	3.795 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	345 klb
Internal Yield Strength	10,150 psi
Collapse Pressure	9,300 psi

CONNECTION PROPERTIES	
Connection Type	Premium Thread&Coupled
Nominal Connection OD	5.042 in
Nominal Connection ID	3.877 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	345 klb
Compression Strength	345 klb
Internal Pressure Resistance	10,150 psi
External Pressure Resistance	9,300 psi
Maximum Bending	30 °/100 ft
Maximum Load on Coupling Face	275 klb

FIELD TORQUE VALUES	
Friction Coefficient	1
Min. Make-up torque	4,940 ft-lb
Opti. Make-up torque	5,460 ft-lb
Max. Make-up torque	5,980 ft-lb
Min. Shoulder torque	270 ft-lb
Max. Shoulder torque	4,370 ft-lb
Min. Delta Turn	0.010 turns
Max. Delta Turn	0.120 turns

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