CBJYJ2022-001(0642) REV.02 Effective Date: 2022.3.15

OD	Weight	Wall Th	Grade	API Drift	Connection
4.500in	21.50lb/ft	0.500in	P110	3.375in	CBS3

PIPE BODY PROPERTIES	
Nominal OD	4.500 in
Nominal ID	3.500 in
Nominal Wall Thickness	0.500 in
Minimum Wall Thickness	87.5 %
Nominal Weight(API)	21.50 lb/ft
Plain End Weight	21.38 lb/ft
Drift	3.375 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	691 klb
Internal Yield Strength	21,390 psi
Collapse Pressure	21,730 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	691 klb
Compression Strength	691 klb
Internal Pressure Resistance	21,390 psi
External Pressure Resistance	21,730 psi
Maximum Bending	30 °/100 ft
Maximum Load on Coupling Face	630 klb

FIELD TORQUE VALUES	
Friction Coefficient	1
Min. Make-up torque	11,140 ft-lb
Opti. Make-up torque	12,400 ft-lb
Max. Make-up torque	13,650 ft-lb
Min. Shoulder torque	620 ft-lb
Max. Shoulder torque	9,920 ft-lb
Min. Delta Turn	0.010 turns
Max. Delta Turn	0.120 turns

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