CBJYJ2022-001(0589) REV.02 Effective Date: 2022.3.15

| OD | Weight | Wall Th | Grade | API Drift | Connection |
|---|---|---|---|---|---|
| 4.500in | 17.00lb/ft | 0.380in | L80-13Cr | 3.615in | CBS3 |

| PIPE BODY PROPERTIES | |
|---|---|
| Nominal OD | 4.500 in |
| Nominal ID | 3.740 in |
| Nominal Wall Thickness | 0.380 in |
| Minimum Wall Thickness | 87.5 % |
| Nominal Weight(API) | 17.00 lb/ft |
| Plain End Weight | 16.73 lb/ft |
| Drift | 3.615 in |
| Grade Type | API 5CT |
| Minimum Yield Strength | 80 ksi |
| Maximum Yield Strength | 95 ksi |
| Minimum Ultimate Tensile Strength | 95 ksi |
| Pipe Body Yield Strength | 393 klb |
| Internal Yield Strength | 11,820 psi |
| Collapse Pressure | 12,370 psi |

| CONNECTION PROPERTIES | |
|---|---|
| Connection Type | Premium Thread&Coupled |
| Nominal Connection OD | 5.096 in |
| Nominal Connection ID | 3.680 in |
| Make-up Loss | 4.238 in |
| Coupling Length | 9.488 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 | 393 klb |
| Compression Strength | 393 klb |
| Internal Pressure Resistance | 11,820 psi |
| External Pressure Resistance | 12,370 psi |
| Maximum Bending | 30 °/100 ft |
| Maximum Load on Coupling Face | 283 klb |

| FIELD TORQUE VALUES | |
|---|---|
| Friction Coefficient | 1 |
| Min. Make-up torque | 6,720 ft-lb |
| Opti. Make-up torque | 7,450 ft-lb |
| Max. Make-up torque | 8,190 ft-lb |
| Min. Shoulder torque | 370 ft-lb |
| Max. Shoulder torque | 5,960 ft-lb |
| Min. Delta Turn | 0.010 turns |
| Max. Delta Turn | 0.120 turns |

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