CBJYJ2022-001(0594) REV.02 Effective Date: 2022.3.15

| OD | Weight | Wall Th | Grade | API Drift | Connection |
|---|---|---|---|---|---|
| 4.500in | 10.50lb/ft | 0.224in | C90 | 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 | 90 ksi |
| Maximum Yield Strength | 105 ksi |
| Minimum Ultimate Tensile Strength | 100 ksi |
| Pipe Body Yield Strength | 271 klb |
| Internal Yield Strength | 7,840 psi |
| Collapse Pressure | 5,200 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 | 271 klb |
| Compression Strength | 271 klb |
| Internal Pressure Resistance | 7,840 psi |
| External Pressure Resistance | 5,200 psi |
| Maximum Bending | 30 °/100 ft |
| Maximum Load on Coupling Face | 177 klb |

| FIELD TORQUE VALUES | |
|---|---|
| Friction Coefficient | 1 |
| Min. Make-up torque | 3,220 ft-lb |
| Opti. Make-up torque | 3,560 ft-lb |
| Max. Make-up torque | 3,910 ft-lb |
| Min. Shoulder torque | 180 ft-lb |
| Max. Shoulder torque | 2,850 ft-lb |
| Min. Delta Turn | 0.010 turns |
| Max. Delta Turn | 0.120 turns |

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