CBJYJ2022-001(0661) REV.02 Effective Date: 2022.3.15

| OD | Weight | Wall Th | Grade | API Drift | Connection |
|---|---|---|---|---|---|
| 4.500in | 18.90lb/ft | 0.430in | CB140V | 3.515in | CBS3 |

| PIPE BODY PROPERTIES | |
|---|---|
| Nominal OD | 4.500 in |
| Nominal ID | 3.640 in |
| Nominal Wall Thickness | 0.430 in |
| Minimum Wall Thickness | 87.5 % |
| Nominal Weight(API) | 18.90 lb/ft |
| Plain End Weight | 18.71 lb/ft |
| Drift | 3.515 in |
| Grade Type | API 5CT |
| Minimum Yield Strength | 140 ksi |
| Maximum Yield Strength | 170 ksi |
| Minimum Ultimate Tensile Strength | 150 ksi |
| Pipe Body Yield Strength | 770 klb |
| Internal Yield Strength | 23,410 psi |
| Collapse Pressure | 24,200 psi |

| CONNECTION PROPERTIES | |
|---|---|
| Connection Type | Premium Thread&Coupled |
| Nominal Connection OD | 5.200 in |
| Nominal Connection ID | 3.586 in |
| Make-up Loss | 4.230 in |
| Coupling Length | 9.606 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 | 770 klb |
| Compression Strength | 770 klb |
| Internal Pressure Resistance | 23,410 psi |
| External Pressure Resistance | 24,200 psi |
| Maximum Bending | 30 °/100 ft |
| Maximum Load on Coupling Face | 612 klb |

| FIELD TORQUE VALUES | |
|---|---|
| Friction Coefficient | 1 |
| Min. Make-up torque | 9,820 ft-lb |
| Opti. Make-up torque | 10,920 ft-lb |
| Max. Make-up torque | 12,030 ft-lb |
| Min. Shoulder torque | 550 ft-lb |
| Max. Shoulder torque | 8,740 ft-lb |
| Min. Delta Turn | 0.010 turns |
| Max. Delta Turn | 0.120 turns |

Generated on 23/11/2026