

Version number:REV.02

|         |           |         |        |           |            |
|---------|-----------|---------|--------|-----------|------------|
| OD      | Weight    | Wall Th | Grade  | API Drift | Connection |
| 2.875in | 6.40lb/ft | 0.217in | CB150V | 2.347in   | CBS3       |

| PIPE BODY PROPERTIES              |            |
|-----------------------------------|------------|
| Nominal OD                        | 2.875 in   |
| Nominal ID                        | 2.441 in   |
| Nominal Wall Thickness            | 0.217 in   |
| Minimum Wall Thickness            | 87.5 %     |
| Nominal Weight(API)               | 6.40 lb/ft |
| Plain End Weight                  | 6.17 lb/ft |
| Drift                             | 2.347 in   |
| Grade Type                        | API 5CT    |
| Minimum Yield Strength            | 150 ksi    |
| Maximum Yield Strength            | 180 ksi    |
| Minimum Ultimate Tensile Strength | 160 ksi    |
| Pipe Body Yield Strength          | 272 klb    |
| Internal Yield Strength           | 19,810 psi |
| Collapse Pressure                 | 18,400 psi |

| CONNECTION PROPERTIES        |                        |
|------------------------------|------------------------|
| Connection Type              | Premium Thread&Coupled |
| Nominal Connection OD        | 3.275 in               |
| Nominal Connection ID        | 2.409 in               |
| Make-up Loss                 | 2.715 in               |
| Coupling Length              | 6.535 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              | 272 klb     |
| Compression Strength          | 272 klb     |
| Internal Pressure Resistance  | 19,810 psi  |
| External Pressure Resistance  | 18,400 psi  |
| Maximum Bending               | 30 °/100 ft |
| Maximum Load on Coupling Face | 199 klb     |

| FIELD TORQUE VALUES  |             |
|----------------------|-------------|
| Min. Make-up torque  | 2,060 ft-lb |
| Opti. Make-up torque | 2,280 ft-lb |
| Max. Make-up torque  | 2,500 ft-lb |
| Min. Shoulder torque | 100 ft-lb   |
| Max. Shoulder torque | 1,820 ft-lb |
| Min. Delta Turn      | 0.010 turns |
| Max. Delta Turn      | 0.120 turns |

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