

Version number:REV.02

| OD      | Weight     | Wall Th | Grade | API Drift | Connection |
|---------|------------|---------|-------|-----------|------------|
| 7.000in | 29.00lb/ft | 0.408in | L80-1 | 6.059in   | CBS3       |

| PIPE BODY PROPERTIES              |             |
|-----------------------------------|-------------|
| Nominal OD                        | 7.000 in    |
| Nominal ID                        | 6.184 in    |
| Nominal Wall Thickness            | 0.408 in    |
| Minimum Wall Thickness            | 87.5 %      |
| Nominal Weight(API)               | 29.00 lb/ft |
| Plain End Weight                  | 28.75 lb/ft |
| Drift                             | 6.059 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          | 676 klb     |
| Internal Yield Strength           | 8,160 psi   |
| Collapse Pressure                 | 7,030 psi   |

| CONNECTION PROPERTIES        |                        |
|------------------------------|------------------------|
| Connection Type              | Premium Thread&Coupled |
| Nominal Connection OD        | 7.717 in               |
| Nominal Connection ID        | 6.325 in               |
| Make-up Loss                 | 4.973 in               |
| Coupling Length              | 11.929 in              |
| Tension Efficiency           | 100% of Pipe Body      |
| Compression Efficiency       | 60% of Pipe Body       |
| Internal Pressure Efficiency | 100% of Pipe Body      |
| External Pressure Efficiency | 100% of Pipe Body      |

| JOINT PERFORMANCES            |             |
|-------------------------------|-------------|
| Tensile Strength              | 676 klb     |
| Compression Strength          | 405 klb     |
| Internal Pressure Resistance  | 8,160 psi   |
| External Pressure Resistance  | 7,030 psi   |
| Maximum Bending               | 30 °/100 ft |
| Maximum Load on Coupling Face | 581 klb     |

| FIELD TORQUE VALUES  |              |
|----------------------|--------------|
| Min. Make-up torque  | 8,580 ft-lb  |
| Opti. Make-up torque | 9,520 ft-lb  |
| Max. Make-up torque  | 10,460 ft-lb |
| Min. Shoulder torque | 476 ft-lb    |
| Max. Shoulder torque | 7,620 ft-lb  |
| Min. Delta Turn      | 0.010 turns  |
| Max. Delta Turn      | 0.120 turns  |

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