



## Precision Connections BK-HT

7 in. 41 lb/ft L-80 with 7.875 in. Coupling OD

### Pipe Body

|                             |        |                     |
|-----------------------------|--------|---------------------|
| Nominal OD                  | 7.000  | inches              |
| Nominal Weight              | 41.00  | lb/ft               |
| Wall Thickness              | 0.59   | inches              |
| Plain End Weight            | 40.43  | lb/ft               |
| Drift                       | 5.795  | inches              |
| Nominal ID                  | 5.820  | inches              |
| Grade                       | L-80   |                     |
| Min Yield                   | 80,000 | lbf/in <sup>2</sup> |
| Min Tensile                 | 95,000 | lbf/in <sup>2</sup> |
| Critical Section Area       | 11.881 | in <sup>2</sup>     |
| Pipe Body Yield Strength    | 950    | kips                |
| Min Internal Yield Pressure | 11,800 | psi                 |
| Collapse Pressure           | 12,350 | psi                 |

### Connection

|                          |        |                 |
|--------------------------|--------|-----------------|
| Coupling OD              | 7.875  | inches          |
| Coupling Length          | 9.000  | inches          |
| Make Up Loss             | 4.500  | inches          |
| Critical Section Area    | 11.859 | in <sup>2</sup> |
| Internal Pressure Rating | 100%   |                 |
| External Pressure Rating | 100%   |                 |
| Tension Efficiency       | 100%   |                 |
| Connection Strength      | 950    | kips            |
| Compression Efficiency   | 100%   |                 |
| Uniaxial Bend Rating     | 46.5   | ° / 100 ft      |
| Min Make Up Torque       | 10,000 | ft-lbs          |
| Yield Torque             | 46,550 | ft-lbs          |



## Torque Data Sheet - Precision Connections BK-HT

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|                    |        |        |
|--------------------|--------|--------|
| Min Make Up Torque | 10,000 | ft-lbs |
| Max Make Up Torque | 34,900 | ft-lbs |
| Optimum Torque     | 16,750 | ft-lbs |

|                      |        |        |
|----------------------|--------|--------|
| Max Operating Torque | 39,550 | ft-lbs |
| Yield Torque         | 46,550 | ft-lbs |

**Representative Torque Turn Graph**

