

## 6<sup>5</sup>/<sub>8</sub> in 20 lb/ft Q125 (API 5CT)

Box end finish: Mang. Phosph. Lubrication: API-Modified

Clearance: Standard Bevel: 45°

### PIPE BODY CHARACTERISTICS

|                        |          |
|------------------------|----------|
| Nominal OD             | 6.625 in |
| Nominal ID             | 6.049 in |
| Min. Yield Strength    | 125 ksi  |
| Nominal Wall Thickness | 0.288 in |
| Minimum Wall Thickness | 87.5 %   |
| Drift                  | 5.924 in |

### CONNECTION PROPERTIES

|                              |               |
|------------------------------|---------------|
| Coupling OD (nominal)        | 7.283 in      |
| Coupling ID (nominal)        | 5.976 in      |
| Make-up Loss                 | 4.921 in      |
| Coupling Length              | 10.866 in     |
| Tension Efficiency           | 100 % of pipe |
| Compression Efficiency       | 100 % of pipe |
| Internal Pressure Efficiency | 100 % of pipe |
| External Pressure Efficiency | 100 % of pipe |

### CONNECTION PERFORMANCE

|                                   |             |
|-----------------------------------|-------------|
| Tensile Yield Load                | 717 klb     |
| Compression Yield Load            | 717 klb     |
| Internal Yield Pressure           | 9 780 psi   |
| External Pressure Resistance      | 4 170 psi   |
| Max. Bending with API Sealability | 20 °/100 ft |
| Max. Load on Coupling Face        | 522 klb     |

### TORQUE VALUES

|                            |              |
|----------------------------|--------------|
| Minimum Make-up torque     | 11 750 ft·lb |
| Optimum Make-up torque     | 13 050 ft·lb |
| Maximum Make-up torque     | 14 360 ft·lb |
| Minimum Shoulder Torque    | 660 ft·lb    |
| Maximum Shoulder Torque    | 9 140 ft·lb  |
| Maximum Operational Torque | 15 670 ft·lb |

Connection qualified as per ISO 13679:2002 - CAL IV

