

5 in 23.3 lb/ft Q125 (API 5CT)

Box end finish: Mang. Phosph. Lubrication: API-Modified
Clearance: Standard Bevel: 45°

PIPE BODY CHARACTERISTICS

| | |
|------------------------|----------|
| Nominal OD | 5.000 in |
| Nominal ID | 4.044 in |
| Min. Yield Strength | 125 ksi |
| Nominal Wall Thickness | 0.478 in |
| Minimum Wall Thickness | 87.5 % |
| Drift | 3.919 in |

CONNECTION PROPERTIES

| | |
|------------------------------|---------------|
| Coupling OD (nominal) | 5.750 in |
| Coupling ID (nominal) | 3.986 in |
| Make-up Loss | 4.191 in |
| Coupling Length | 10.394 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 | 849 klb |
| Compression Yield Load | 849 klb |
| Internal Yield Pressure | 21 510 psi |
| External Pressure Resistance | 21 620 psi |
| Max. Bending with API Sealability | 20 °/100 ft |
| Max. Load on Coupling Face | 556 klb |

TORQUE VALUES

| | |
|----------------------------|--------------|
| Minimum Make-up torque | 14 340 ft·lb |
| Optimum Make-up torque | 15 930 ft·lb |
| Maximum Make-up torque | 17 520 ft·lb |
| Minimum Shoulder Torque | 800 ft·lb |
| Maximum Shoulder Torque | 11 150 ft·lb |
| Maximum Operational Torque | 19 120 ft·lb |

Connection qualified as per ISO 13679:2002 - CAL IV

