

5-1/2" OD, HWDP, WELDED, STANDARD, 6.625" OD x 3.250" ID, XT54

HEAVY WEIGHT DRILL PIPE BODY

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| Nominal OD (in) | 5-1/2 |
| Nominal ID (in) | 3.250 |
| Pipe Grade | HW-105 |
| Heavy Weight Type | STANDARD |
| HWConstruction | WELDED |
| Pipe Wall Thickness (in) | 1.125 |
| Cross Sectional Area of Pipe Body (in ²) | 15.463 |
| Cross Sectional Area OD (in ²) | 23.758 |
| Cross Sectional Area ID (in ²) | 8.296 |
| Section Modulus (in ³) | 14.342 |
| Polar Section Modulus (in ³) | 28.685 |
| Torsional Strength (lbs/ft) | 144,800 |
| Tensile Strength (lbs) | 1,623,600 |
| Burst Pressure (psi) | 37,585 |
| Collapse Pressure (psi) | 34,168 |

HEAVY WEIGHT DRILL PIPE CONNECTION

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| Tool Joint Grade | AISI 4130 |
| OD (in) | 6.625 |
| ID (in) | 3.250 |
| Pin Tong Length (in) | 27.00 |
| Box Tong Length (in) | 27.00 |
| Connection | XT54 |
| Torsional Strength (lbs/ft) | 101,700 |
| Tensile Yield Strength (lbs) | 1,396,100 |
| Minimum Make-up Torque (lbs/ft) | 50,800 |
| Maximum Make-up Torque (lbs/ft) | 61,000 |
| Tool Joint/Drill Pipe Torsional Ratio (New) | 0.70 |
| Balanced OD | 7.077 |

HEAVY WEIGHT DRILL PIPE ASSEMBLY

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|----------------------------------|-------------|
| Approx Average Length (ft) | 31.50 |
| Open End Displacement (gal/ft) | 0.80 |
| Closed End Displacement (gal/ft) | 1.23 |
| Fluid Capacity (gal/ft) | 0.43 |
| Drift Size (in) | 3.000 |
| Adjusted Weight (lbs/ft) | 59.87 |
| Hardbanding | DURABAND NC |

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