

4.000" OD, HWDP, WELDED, STANDARD, 4.875" OD x 2.563" ID, VX39

HEAVY WEIGHT DRILL PIPE BODY

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| Nominal OD (in) | 4.000 |
| Nominal ID (in) | 2.563 |
| Pipe Grade | AISI 1340 |
| Heavy Weight Type | STANDARD |
| HWConstruction | WELDED |
| Pipe Wall Thickness (in) | 0.719 |
| Cross Sectional Area of Pipe Body (in ²) | 7.407 |
| Cross Sectional Area OD (in ²) | 12.566 |
| Cross Sectional Area ID (in ²) | 5.159 |
| Section Modulus (in ³) | 5.224 |
| Polar Section Modulus (in ³) | 10.448 |
| Torsional Strength (lbs/ft) | 32,700 |
| Tensile Strength (lbs) | 482,000 |
| Burst Pressure (psi) | 23,400 |
| Collapse Pressure (psi) | 19,200 |

HEAVY WEIGHT DRILL PIPE CONNECTION

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|---|-------------|
| Tool Joint Grade | VM-65 HW MS |
| OD (in) | 4.875 |
| ID (in) | 2.563 |
| Pin Tong Length (in) | 27.00 |
| Box Tong Length (in) | 21.00 |
| Connection | VX39 |
| Torsional Strength (lbs/ft) | 34,300 |
| Tensile Yield Strength (lbs) | 785,000 |
| Minimum Make-up Torque (lbs/ft) | 18,500 |
| Recommended Make-up Torque (lbs/ft) | 20,600 |
| Maximum Make-up Torque (lbs/ft) | 21,600 |
| Tool Joint/Drill Pipe Torsional Ratio (New) | 1.05 |
| Balanced OD | 5.070 |

HEAVY WEIGHT DRILL PIPE ASSEMBLY

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|----------------------------------|--------------|
| Approx Average Length (ft) | 31.50 |
| Open End Displacement (gal/ft) | 0.44 |
| Closed End Displacement (gal/ft) | 0.70 |
| Fluid Capacity (gal/ft) | 0.27 |
| Drift Size (in) | 2.438 |
| Adjusted Weight (lbs/ft) | 28.60 |
| Internal Plastic Coating | TK34P |
| Hardbanding | ARNCO 100 XT |

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