

3-1/2" OD, HWDP, WELDED, STANDARD, 4.125" OD x 2.063" ID, XT31

## HEAVY WEIGHT DRILL PIPE BODY

|  |           |
|--|-----------|
| Nominal OD (in)                                      | 3-1/2     |
| Nominal ID (in)                                      | 2.062     |
| Pipe Grade   | AISI 1340 |
| Heavy Weight Type                                    | STANDARD  |
| HWConstruction                                       | WELDED    |
| Pipe Wall Thickness (in)                             | 0.719     |
| Cross Sectional Area of Pipe Body (in <sup>2</sup> ) | 6.282     |
| Cross Sectional Area OD (in <sup>2</sup> )           | 9.621     |
| Cross Sectional Area ID (in <sup>2</sup> )           | 3.339     |
| Section Modulus (in <sup>3</sup> )                   | 3.702     |
| Polar Section Modulus (in <sup>3</sup> )             | 7.404     |
| Torsional Strength (lbs/ft)                          | 19,600    |
| Tensile Strength (lbs)                               | 345,400   |
| Burst Pressure (psi)                                 | 19,766    |
| Collapse Pressure (psi)                              | 17,950    |

## HEAVY WEIGHT DRILL PIPE CONNECTION

|   |         |
|---|---------|
| OD (in)                                     | 4.125   |
| ID (in)                                     | 2.063   |
| Connection                                  | XT31    |
| Torsional Strength (lbs/ft)                 | 19,700  |
| Tensile Yield Strength (lbs)                | 435,300 |
| Tool Joint/Drill Pipe Torsional Ratio (New) | 1.00    |

## HEAVY WEIGHT DRILL PIPE ASSEMBLY

|                                  |              |
|----------------------------------|--------------|
| Approx Average Length (ft)       | 31.50        |
| Open End Displacement (gal/ft)   | 0.36         |
| Closed End Displacement (gal/ft) | 0.50         |
| Fluid Capacity (gal/ft)          | 0.17         |
| Drift Size (in)                  | 1.812        |
| Adjusted Weight (lbs/ft)         | 23.40        |
| Hardbanding                      | ARNCO 100 XT |

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