

5.000" OD, HWDP, WELDED, STANDARD, 6.625" OD x 3.000" ID, NC50

## HEAVY WEIGHT DRILL PIPE BODY

Nominal OD (in)	5.000
Nominal ID (in)	3.000
Pipe Grade	AISI 1340
Heavy Weight Type	STANDARD
HWConstruction	WELDED
Pipe Wall Thickness (in)	1.000
Cross Sectional Area of Pipe Body (in <sup>2</sup> )	12.566
Cross Sectional Area OD (in <sup>2</sup> )	19.635
Cross Sectional Area ID (in <sup>2</sup> )	7.069
Section Modulus (in <sup>3</sup> )	10.681
Polar Section Modulus (in <sup>3</sup> )	21.363
Torsional Strength (lbs/ft)	56,500
Tensile Strength (lbs)	691,200
Burst Pressure (psi)	19,250
Collapse Pressure (psi)	17,600

## HEAVY WEIGHT DRILL PIPE CONNECTION

Tool Joint Grade	AISI 4145
OD (in)	6.625
ID (in)	3.000
Connection	NC50
Torsional Strength (lbs/ft)	51,500
Tensile Yield Strength (lbs)	1,243,500
Maximum Make-up Torque (lbs/ft)	34,600
Tool Joint/Drill Pipe Torsional Ratio (New)	0.91

## HEAVY WEIGHT DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.82
Closed End Displacement (gal/ft)	1.19
Fluid Capacity (gal/ft)	0.37
Drift Size (in)	2.875
Adjusted Weight (lbs/ft)	51.60
Hardbanding	ARNCO 300 XT

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