

3-1/2" OD, HWDP, WELDED, STANDARD, 4.750" OD x 2.250" ID, NC38

## HEAVY WEIGHT DRILL PIPE BODY

Nominal OD (in)	3-1/2
Nominal ID (in)	2.250
Pipe Grade	AISI 1340
Heavy Weight Type	STANDARD
HWConstruction	WELDED
Pipe Wall Thickness (in)	0.625
Cross Sectional Area of Pipe Body (in <sup>2</sup> )	5.645
Cross Sectional Area OD (in <sup>2</sup> )	9.621
Cross Sectional Area ID (in <sup>2</sup> )	3.976
Section Modulus (in <sup>3</sup> )	3.490
Polar Section Modulus (in <sup>3</sup> )	6.981
Torsional Strength (lbs/ft)	18,460
Tensile Strength (lbs)	310,500
Burst Pressure (psi)	17,190
Collapse Pressure (psi)	16,140

## HEAVY WEIGHT DRILL PIPE CONNECTION

OD (in)	4.750
ID (in)	2.250
Connection	NC38
Torsional Strength (lbs/ft)	19,180
Tensile Yield Strength (lbs)	606,800
Maximum Make-up Torque (lbs/ft)	11,500
Tool Joint/Drill Pipe Torsional Ratio (New)	1.04

## HEAVY WEIGHT DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.29
Closed End Displacement (gal/ft)	0.50
Fluid Capacity (gal/ft)	0.21
Drift Size (in)	2.125
Adjusted Weight (lbs/ft)	24.60
Hardbanding	ARNCO 300 XT

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