

3-1/2" OD, HWDP, WELDED, STANDARD, 4.875" OD x 2.563" ID, NC38 VAM EIS

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 ²)	5.645
Cross Sectional Area OD (in ²)	9.621
Cross Sectional Area ID (in ²)	3.976
Section Modulus (in ³)	3.490
Polar Section Modulus (in ³)	6.981
Torsional Strength (lbs/ft)	18,500
Tensile Strength (lbs)	310,000
Burst Pressure (psi)	19,600
Collapse Pressure (psi)	16,100

HEAVY WEIGHT DRILL PIPE CONNECTION

OD (in)	4.875
ID (in)	2.563
Pin Tong Length (in)	27.00
Box Tong Length (in)	21.00
Connection	NC38 VAM EIS
Torsional Strength (lbs/ft)	27,200
Tensile Yield Strength (lbs)	649,000
Minimum Make-up Torque (lbs/ft)	13,000
Maximum Make-up Torque (lbs/ft)	17,100
Tool Joint/Drill Pipe Torsional Ratio (New)	1.47
Balanced OD	4.780

HEAVY WEIGHT DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.36
Closed End Displacement (gal/ft)	0.57
Fluid Capacity (gal/ft)	0.21
Drift Size (in)	2.125
Adjusted Weight (lbs/ft)	23.81
Internal Plastic Coating	TK34P
Hardbanding	ARNCO 100 XT

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