

5.000" OD DRILL PIPE, 25.60 PPF, 6.500" OD X 3.500" ID, VM-105 DP SS, NC50 EIS™-L

## DRILL PIPE BODY

Nominal Weight (lbs/ft)	25.60
Grade	VM-105 DP SS
Type of Upset	IEU

	New	Premium
Nominal OD (in)	5.000	4.800
Nominal ID (in)	4.000	4.000
Pipe Wall Thickness (in)	0.500	0.400
Cross Sectional Area of Pipe Body (in <sup>2</sup> )	7.069	5.529
Cross Sectional Area OD (in <sup>2</sup> )	19.635	18.096
Cross Sectional Area ID (in <sup>2</sup> )	12.566	12.566
Section Modulus (in <sup>3</sup> )	7.245	5.621
Polar Section Modulus (in <sup>3</sup> )	14.491	11.243
Torsional Strength (lbs/ft)	73,200	56,800
Tensile Strength (lbs)	742,000	581,000
Burst Pressure (psi)	18,380	16,800
Collapse Pressure (psi)	18,900	16,040

## DRILL PIPE CONNECTION

OD (in)	6.500
ID (in)	3.500
Pin Tong Length (in)	9.00
Box Tong Length (in)	12.00
Connection	NC50 EIS™-L
Torsional Strength (lbs/ft)	57,500
Tensile Yield Strength (lbs)	1,020,000
Minimum Make-up Torque (lbs/ft)	27,100
Maximum Make-up Torque (lbs/ft)	35,500
Tool Joint/Pipe Body Torsional Ratio (New)	0.79
Thread Compound Friction Factor	1.0

## DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.44
Closed End Displacement (gal/ft)	1.02
Fluid Capacity (gal/ft)	0.62
Drift Size (in)	3.375
Adjusted Weight (lbs/ft)	29.00
Internal Plastic Coating	TK34P
Hardbanding	DURABAND NC

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