

5.000" OD DRILL PIPE, 19.50 PPF, 6.625" OD X 3.250" ID, G-105, NC50

DRILL PIPE BODY

Nominal Weight (lbs/ft)	19.50	
Grade	G-105	
Type of Upset	IEU	
	New	Premium
Nominal OD (in)	5.000	4.855
Nominal ID (in)	4.276	4.276
Pipe Wall Thickness (in)	0.362	0.290
Cross Sectional Area of Pipe Body (in ²)	5.275	4.152
Cross Sectional Area OD (in ²)	19.635	18.513
Cross Sectional Area ID (in ²)	14.360	14.360
Section Modulus (in ³)	5.708	4.475
Polar Section Modulus (in ³)	11.415	8.949
Torsional Strength (lbs/ft)	57,633	45,199
Tensile Strength (lbs)	553,832	436,149
Burst Pressure (psi)	13,304	12,163
Collapse Pressure (psi)	12,999	8,765

DRILL PIPE CONNECTION

OD (in)	6.625
ID (in)	3.250
Pin Tong Length (in)	9.00
Box Tong Length (in)	12.00
Connection	NC50
Torsional Strength (lbs/ft)	51,200
Tensile Yield Strength (lbs)	1,250,000
Minimum Make-up Torque (lbs/ft)	25,600
Maximum Make-up Torque (lbs/ft)	30,700
Tool Joint/Pipe Body Torsional Ratio (New)	0.89

DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.27
Closed End Displacement (gal/ft)	1.02
Fluid Capacity (gal/ft)	0.75
Drift Size (in)	3.125
Adjusted Weight (lbs/ft)	24.11
Internal Plastic Coating	TK34P
Hardbanding	TCS8000

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