

5.000" OD DRILL PIPE, 25.60 PPF, 6.625" OD X 2.750" ID, G-105, NC50

DRILL PIPE BODY

Nominal Weight (lbs/ft)	25.60	
Grade	G-105	
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 ²)	7.069	5.529
Cross Sectional Area OD (in ²)	19.635	18.096
Cross Sectional Area ID (in ²)	12.566	12.566
Section Modulus (in ³)	7.245	5.621
Polar Section Modulus (in ³)	14.491	11.243
Torsional Strength (lbs/ft)	73,200	56,800
Tensile Strength (lbs)	742,000	581,000
Burst Pressure (psi)	18,400	16,800
Collapse Pressure (psi)	18,900	16,000

DRILL PIPE CONNECTION

OD (in)	6.625
ID (in)	2.750
Pin Tong Length (in)	9.00
Box Tong Length (in)	12.00
Connection	NC50
Torsional Strength (lbs/ft)	63,400
Tensile Yield Strength (lbs)	1,550,000
Minimum Make-up Torque (lbs/ft)	36,100
Recommended Make-up Torque (lbs/ft)	38,000
Maximum Make-up Torque (lbs/ft)	39,900
Tool Joint/Pipe Body Torsional Ratio (New)	0.87

DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.45
Closed End Displacement (gal/ft)	1.07
Fluid Capacity (gal/ft)	0.62
Drift Size (in)	2.625
Adjusted Weight (lbs/ft)	29.66
Internal Plastic Coating	TK34XT
Hardbanding	ARMACOR M

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