

5.000" OD DRILL PIPE, 19.50 PPF, 6.625" OD X 3.250" ID, S-135, DPM-DS50

## DRILL PIPE BODY

Nominal Weight (lbs/ft)	19.50	
Grade	S-135	
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 <sup>2</sup> )	5.275	4.152
Cross Sectional Area OD (in <sup>2</sup> )	19.635	18.513
Cross Sectional Area ID (in <sup>2</sup> )	14.360	14.360
Section Modulus (in <sup>3</sup> )	5.708	4.475
Polar Section Modulus (in <sup>3</sup> )	11.415	8.949
Torsional Strength (lbs/ft)	74,100	58,114
Tensile Strength (lbs)	712,070	560,764
Burst Pressure (psi)	17,105	15,638
Collapse Pressure (psi)	15,672	10,029

## DRILL PIPE CONNECTION

OD (in)	6.625
ID (in)	3.250
Pin Tong Length (in)	11.00
Box Tong Length (in)	14.00
Connection	DPM-DS50
Torsional Strength (lbs/ft)	78,328
Tensile Yield Strength (lbs)	1,354,200
Minimum Make-up Torque (lbs/ft)	39,200
Recommended Make-up Torque (lbs/ft)	47,000
Maximum Make-up Torque (lbs/ft)	54,800
Tool Joint/Pipe Body Torsional Ratio (New)	1.06

## DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.36
Closed End Displacement (gal/ft)	1.07
Fluid Capacity (gal/ft)	0.71
Drift Size (in)	3.125
Adjusted Weight (lbs/ft)	23.60
Internal Plastic Coating	TK34P
Hardbanding	TCS TITANIUM

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