

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 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)	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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