

3-1/2" OD DRILL PIPE, 13.30 PPF, 5.000" OD X 2.563" ID, S-135, NC38

## DRILL PIPE BODY

Nominal Weight (lbs/ft)	13.30	
Grade	S-135	
Type of Upset	EU	
	New	Premium
Nominal OD (in)	3-1/2	3.353
Nominal ID (in)	2.764	2.764
Pipe Wall Thickness (in)	0.368	0.294
Cross Sectional Area of Pipe Body (in <sup>2</sup> )	3.621	2.830
Cross Sectional Area OD (in <sup>2</sup> )	9.621	8.830
Cross Sectional Area ID (in <sup>2</sup> )	6.000	6.000
Section Modulus (in <sup>3</sup> )	2.572	1.992
Polar Section Modulus (in <sup>3</sup> )	5.144	3.984
Torsional Strength (lbs/ft)	33,400	25,900
Tensile Strength (lbs)	488,800	381,900
Burst Pressure (psi)	24,840	22,711
Collapse Pressure (psi)	25,404	21,626

## DRILL PIPE CONNECTION

OD (in)	5.000
ID (in)	2.563
Pin Tong Length (in)	12.00
Box Tong Length (in)	15.00
Connection	NC38
Torsional Strength (lbs/ft)	20,100
Tensile Yield Strength (lbs)	634,500
Minimum Make-up Torque (lbs/ft)	10,000
Maximum Make-up Torque (lbs/ft)	12,100
Tool Joint/Pipe Body Torsional Ratio (New)	0.60

## DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.19
Closed End Displacement (gal/ft)	0.50
Fluid Capacity (gal/ft)	0.31
Drift Size (in)	2.438
Adjusted Weight (lbs/ft)	15.92
Internal Plastic Coating	TK34
Hardbanding	TCS TITANIUM

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