

3-1/2" OD DRILL PIPE, 15.50 PPF, 5.000" OD X 2.563" ID, S-135, NC38

## DRILL PIPE BODY

Nominal Weight (lbs/ft)	15.50	
Grade	S-135	
Type of Upset	EU	
	New	Premium
Nominal OD (in)	3-1/2	3.320
Nominal ID (in)	2.602	2.602
Pipe Wall Thickness (in)	0.449	0.359
Cross Sectional Area of Pipe Body (in <sup>2</sup> )	4.304	3.340
Cross Sectional Area OD (in <sup>2</sup> )	9.621	8.657
Cross Sectional Area ID (in <sup>2</sup> )	5.318	5.318
Section Modulus (in <sup>3</sup> )	2.924	2.237
Polar Section Modulus (in <sup>3</sup> )	5.847	4.474
Torsional Strength (lbs/ft)	38,000	29,100
Tensile Strength (lbs)	581,000	451,100
Burst Pressure (psi)	30,308	27,710
Collapse Pressure (psi)	30,194	26,049

## 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)	0.53

## DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.22
Closed End Displacement (gal/ft)	0.50
Fluid Capacity (gal/ft)	0.28
Drift Size (in)	2.438
Adjusted Weight (lbs/ft)	18.08
Internal Plastic Coating	TK34
Hardbanding	TCS TITANIUM

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