

3-1/2" OD DRILL PIPE, 15.50 PPF, 5.000" OD X 2.438" ID, G-105, NC38

## DRILL PIPE BODY

Nominal Weight (lbs/ft)	15.50
Grade	G-105
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)	29,500	22,600
Tensile Strength (lbs)	451,900	350,900
Burst Pressure (psi)	23,573	21,552
Collapse Pressure (psi)	23,484	20,260

## DRILL PIPE CONNECTION

OD (in)	5.000
ID (in)	2.438
Pin Tong Length (in)	10.00
Box Tong Length (in)	12.50
Connection	NC38
Torsional Strength (lbs/ft)	22,200
Tensile Yield Strength (lbs)	707,800
Tool Joint/Pipe Body Torsional Ratio (New)	0.75

## 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)	2.313
Adjusted Weight (lbs/ft)	17.10

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