

3-1/2" OD DRILL PIPE, 15.50 PPF, 4.750" OD X 2.563" 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 ²)	4.304	3.340
Cross Sectional Area OD (in ²)	9.621	8.657
Cross Sectional Area ID (in ²)	5.318	5.318
Section Modulus (in ³)	2.924	2.237
Polar Section Modulus (in ³)	5.847	4.474
Torsional Strength (lbs/ft)	29,520	22,605
Tensile Strength (lbs)	451,884	350,867
Burst Pressure (psi)	23,573	21,552
Collapse Pressure (psi)	23,484	20,260

DRILL PIPE CONNECTION

OD (in)	4.750
ID (in)	2.563
Pin Tong Length (in)	10.00
Box Tong Length (in)	12.50
Connection	NC38
Torsional Strength (lbs/ft)	19,200
Tensile Yield Strength (lbs)	634,700
Minimum Make-up Torque (lbs/ft)	9,600
Maximum Make-up Torque (lbs/ft)	11,500
Tool Joint/Pipe Body Torsional Ratio (New)	0.65

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)	17.28

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