

3-1/2" OD DRILL PIPE, 13.30 PPF, 4.875" OD X 2.438" ID, G-105, VX38

## DRILL PIPE BODY

Nominal Weight (lbs/ft)	13.30
Grade	G-105
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)	26,000	20,100
Tensile Strength (lbs)	380,000	297,000
Burst Pressure (psi)	19,320	17,700
Collapse Pressure (psi)	19,760	16,820

## DRILL PIPE CONNECTION

OD (in)	4.875
ID (in)	2.438
Pin Tong Length (in)	10.00
Box Tong Length (in)	15.00
Connection	VX38
Torsional Strength (lbs/ft)	36,300
Tensile Yield Strength (lbs)	757,000
Minimum Make-up Torque (lbs/ft)	19,600
Maximum Make-up Torque (lbs/ft)	22,900
Tool Joint/Pipe Body Torsional Ratio (New)	1.40

## DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.24
Closed End Displacement (gal/ft)	0.50
Fluid Capacity (gal/ft)	0.29
Drift Size (in)	2.313
Adjusted Weight (lbs/ft)	15.70
Internal Plastic Coating	DJ207
Hardbanding	DURABAND NC

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