

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 ²)	3.621	2.830
Cross Sectional Area OD (in ²)	9.621	8.830
Cross Sectional Area ID (in ²)	6.000	6.000
Section Modulus (in ³)	2.572	1.992
Polar Section Modulus (in ³)	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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