

4.000" OD DRILL PIPE, 14.00 PPF, 4.875" OD X 2.563" ID, VM-105 DP SS, VX™ 39-L

## DRILL PIPE BODY

Nominal Weight (lbs/ft)	14.00
Grade	VM-105 DP SS
Type of Upset	IU

	New	Premium
Nominal OD (in)	4.000	3.868
Nominal ID (in)	3.340	3.340
Pipe Wall Thickness (in)	0.330	0.264
Cross Sectional Area of Pipe Body (in <sup>2</sup> )	3.805	2.989
Cross Sectional Area OD (in <sup>2</sup> )	12.566	11.751
Cross Sectional Area ID (in <sup>2</sup> )	8.762	8.762
Section Modulus (in <sup>3</sup> )	3.229	2.523
Polar Section Modulus (in <sup>3</sup> )	6.458	5.046
Torsional Strength (lbs/ft)	32,600	25,500
Tensile Strength (lbs)	400,000	314,000
Burst Pressure (psi)	15,160	13,900
Collapse Pressure (psi)	15,900	11,620

## DRILL PIPE CONNECTION

OD (in)	4.875
ID (in)	2.563
Pin Tong Length (in)	10.00
Box Tong Length (in)	15.00
Connection	VX™ 39-L
Torsional Strength (lbs/ft)	31,500
Tensile Yield Strength (lbs)	719,000
Minimum Make-up Torque (lbs/ft)	17,900
Maximum Make-up Torque (lbs/ft)	19,800
Tool Joint/Pipe Body Torsional Ratio (New)	0.97

## DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.25
Closed End Displacement (gal/ft)	0.68
Fluid Capacity (gal/ft)	0.43
Drift Size (in)	2.438
Adjusted Weight (lbs/ft)	16.10
Internal Plastic Coating	TK34P
Hardbanding	DURABAND NC

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