

5-1/2" OD DRILL PIPE, 24.70 PPF, 6.625" OD X 4.000" ID, VM-105 DP SS, VX™ 54-L

## DRILL PIPE BODY

Nominal Weight (lbs/ft)	24.70
Grade	VM-105 DP SS
Type of Upset	IEU

	New	Premium
Nominal OD (in)	5-1/2	5.334
Nominal ID (in)	4.670	4.670
Pipe Wall Thickness (in)	0.415	0.332
Cross Sectional Area of Pipe Body (in <sup>2</sup> )	6.630	5.217
Cross Sectional Area OD (in <sup>2</sup> )	23.758	22.346
Cross Sectional Area ID (in <sup>2</sup> )	17.129	17.129
Section Modulus (in <sup>3</sup> )	7.844	6.145
Polar Section Modulus (in <sup>3</sup> )	15.688	12.290
Torsional Strength (lbs/ft)	79,200	62,000
Tensile Strength (lbs)	696,000	548,000
Burst Pressure (psi)	13,860	12,700
Collapse Pressure (psi)	14,010	9,630

## DRILL PIPE CONNECTION

OD (in)	6.625
ID (in)	4.000
Pin Tong Length (in)	10.00
Box Tong Length (in)	15.00
Connection	VX™ 54-L
Torsional Strength (lbs/ft)	68,800
Tensile Yield Strength (lbs)	1,140,000
Minimum Make-up Torque (lbs/ft)	35,800
Maximum Make-up Torque (lbs/ft)	44,900
Tool Joint/Pipe Body Torsional Ratio (New)	0.87

## DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.43
Closed End Displacement (gal/ft)	1.23
Fluid Capacity (gal/ft)	0.84
Drift Size (in)	3.875
Adjusted Weight (lbs/ft)	28.02
Internal Plastic Coating	TK34P
Hardbanding	ARNCO 100 XT

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