

4.000" OD DRILL PIPE, 14.00 PPF, 4.875" OD X 2.563" ID, DPM-CY105N, DPM-ST39

## DRILL PIPE BODY

Nominal Weight (lbs/ft)	14.00
Grade	DPM-CY105N
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)	32,603	25,474
Tensile Strength (lbs)	399,502	313,854
Burst Pressure (psi)	15,159	13,860
Collapse Pressure (psi)	15,896	11,622

## DRILL PIPE CONNECTION

OD (in)	4.875
ID (in)	2.563
Pin Tong Length (in)	10.00
Box Tong Length (in)	15.00
Connection	DPM-ST39
Torsional Strength (lbs/ft)	33,052
Tensile Yield Strength (lbs)	724,069
Minimum Make-up Torque (lbs/ft)	19,800
Maximum Make-up Torque (lbs/ft)	23,100
Tool Joint/Pipe Body Torsional Ratio (New)	1.01

## DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.24
Closed End Displacement (gal/ft)	0.68
Fluid Capacity (gal/ft)	0.44
Drift Size (in)	2.438
Adjusted Weight (lbs/ft)	15.46
Internal Plastic Coating	TK34P
Hardbanding	TCS8000

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