

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 ²)	3.805	2.989
Cross Sectional Area OD (in ²)	12.566	11.751
Cross Sectional Area ID (in ²)	8.762	8.762
Section Modulus (in ³)	3.229	2.523
Polar Section Modulus (in ³)	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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