

3-1/2" OD DRILL PIPE, 15.50 PPF, 4.875" OD X 2.563" ID, VM-105 DP SS, NC38 EIS™-L

DRILL PIPE BODY

Nominal Weight (lbs/ft)	15.50	
Grade	VM-105 DP SS	
Type of Upset	EU	
	New	Premium
Nominal OD (in)	3-1/2	3.320
Nominal ID (in)	2.602	2.602
Pipe Wall Thickness (in)	0.449	0.359
Cross Sectional Area of Pipe Body (in ²)	4.304	3.340
Cross Sectional Area OD (in ²)	9.621	8.657
Cross Sectional Area ID (in ²)	5.318	5.318
Section Modulus (in ³)	2.924	2.237
Polar Section Modulus (in ³)	5.847	4.474
Torsional Strength (lbs/ft)	29,500	22,600
Tensile Strength (lbs)	452,000	351,000
Burst Pressure (psi)	23,570	21,600
Collapse Pressure (psi)	23,480	20,260

DRILL PIPE CONNECTION

OD (in)	4.875
ID (in)	2.563
Pin Tong Length (in)	10.00
Box Tong Length (in)	12.50
Connection	NC38 EIS™-L
Torsional Strength (lbs/ft)	24,900
Tensile Yield Strength (lbs)	595,000
Minimum Make-up Torque (lbs/ft)	11,700
Maximum Make-up Torque (lbs/ft)	15,400
Tool Joint/Pipe Body Torsional Ratio (New)	0.84
Thread Compound Friction Factor	1.0

DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.27
Closed End Displacement (gal/ft)	0.50
Fluid Capacity (gal/ft)	0.26
Drift Size (in)	2.438
Adjusted Weight (lbs/ft)	17.45
Internal Plastic Coating	TK34P
Hardbanding	ARNCO 100 XT

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