

3-1/2" OD DRILL PIPE, 13.30 PPF, 5.000" OD X 2.563" ID, S-135, NC38

DRILL PIPE BODY

Nominal Weight (lbs/ft)	13.30	
Grade	S-135	
Type of Upset	EU	
	New	Premium
Nominal OD (in)	3-1/2	3.353
Nominal ID (in)	2.764	2.764
Pipe Wall Thickness (in)	0.368	0.294
Cross Sectional Area of Pipe Body (in ²)	3.621	2.830
Cross Sectional Area OD (in ²)	9.621	8.830
Cross Sectional Area ID (in ²)	6.000	6.000
Section Modulus (in ³)	2.572	1.992
Polar Section Modulus (in ³)	5.144	3.984
Torsional Strength (lbs/ft)	33,400	25,900
Tensile Strength (lbs)	488,800	381,900
Burst Pressure (psi)	24,840	22,711
Collapse Pressure (psi)	25,404	21,626

DRILL PIPE CONNECTION

OD (in)	5.000
ID (in)	2.563
Pin Tong Length (in)	12.00
Box Tong Length (in)	15.00
Connection	NC38
Torsional Strength (lbs/ft)	20,100
Tensile Yield Strength (lbs)	634,500
Minimum Make-up Torque (lbs/ft)	10,000
Maximum Make-up Torque (lbs/ft)	12,100
Tool Joint/Pipe Body Torsional Ratio (New)	0.60

DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.19
Closed End Displacement (gal/ft)	0.50
Fluid Capacity (gal/ft)	0.31
Drift Size (in)	2.438
Adjusted Weight (lbs/ft)	15.92
Internal Plastic Coating	TK34
Hardbanding	TCS TITANIUM

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