

5-1/2" OD DRILL PIPE, 21.90 PPF, 7.000" OD X 3.750" ID, VM-105 DP SS, 5-1/2" FH VAM CDS

DRILL PIPE BODY

Nominal Weight (lbs/ft)	21.90	
Grade	VM-105 DP SS	
Type of Upset	IEU	
	New	Premium
Nominal OD (in)	5-1/2	5.356
Nominal ID (in)	4.778	4.778
Pipe Wall Thickness (in)	0.361	0.289
Cross Sectional Area of Pipe Body (in ²)	5.828	4.600
Cross Sectional Area OD (in ²)	23.758	22.531
Cross Sectional Area ID (in ²)	17.930	17.930
Section Modulus (in ³)	7.031	5.531
Polar Section Modulus (in ³)	14.062	11.062
Torsional Strength (lbs/ft)	71,000	55,800
Tensile Strength (lbs)	612,000	483,000
Burst Pressure (psi)	12,100	11,000
Collapse Pressure (psi)	10,800	6,870

DRILL PIPE CONNECTION

OD (in)	7.000
ID (in)	3.750
Pin Tong Length (in)	12.00
Box Tong Length (in)	14.00
Connection	5-1/2" FH VAM CDS
Torsional Strength (lbs/ft)	82,300
Tensile Yield Strength (lbs)	1,330,000
Minimum Make-up Torque (lbs/ft)	39,500
Recommended Make-up Torque (lbs/ft)	49,400
Maximum Make-up Torque (lbs/ft)	51,400
Tool Joint/Pipe Body Torsional Ratio (New)	1.16

DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.41
Closed End Displacement (gal/ft)	1.29
Fluid Capacity (gal/ft)	0.89
Drift Size (in)	3.625
Adjusted Weight (lbs/ft)	26.52
Internal Plastic Coating	TK34P
Hardbanding	DURABAND NC

All information contained herein is provided for reference/illustration purpose only. Data compiled are using information available from respective Manufacturer and/or other public sources. Even though due care has been exercised while compiling the data. PETRO PIPE accept no responsibility or liability for its accuracy, errors, omissions or misinterpretation. User is advised to examine the suitability and accuracy by their own resources.