

3-1/2" OD, HWDP, WELDED, STANDARD, 5.000" OD x 2.250" ID, NC38

HEAVY WEIGHT DRILL PIPE BODY

Nominal OD (in)	3-1/2
Nominal ID (in)	2.250
Pipe Grade	AISI 4145
Heavy Weight Type	STANDARD
HWConstruction	WELDED
Pipe Wall Thickness (in)	0.625
Cross Sectional Area of Pipe Body (in ²)	5.645
Cross Sectional Area OD (in ²)	9.621
Cross Sectional Area ID (in ²)	3.976
Section Modulus (in ³)	3.490
Polar Section Modulus (in ³)	6.981
Torsional Strength (lbs/ft)	40,280
Tensile Strength (lbs)	677,400
Burst Pressure (psi)	37,500
Collapse Pressure (psi)	35,200

HEAVY WEIGHT DRILL PIPE CONNECTION

Tool Joint Grade	AISI 4145
OD (in)	5.000
ID (in)	2.250
Connection	NC38
Torsional Strength (lbs/ft)	21,200
Tensile Yield Strength (lbs)	662,300
Maximum Make-up Torque (lbs/ft)	14,900
Tool Joint/Drill Pipe Torsional Ratio (New)	0.53

HEAVY WEIGHT DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.29
Closed End Displacement (gal/ft)	0.50
Fluid Capacity (gal/ft)	0.21
Drift Size (in)	2.125
Adjusted Weight (lbs/ft)	26.20
Hardbanding	ARNCO 100 XT

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.