

5.000" OD, HWDP, WELDED, STANDARD, 6.625" OD x 3.000" ID, DPM-DS50

HEAVY WEIGHT DRILL PIPE BODY

Nominal OD (in)	5.000
Nominal ID (in)	3.000
Pipe Grade	AISI 1340
Heavy Weight Type	STANDARD
HWConstruction	WELDED
Pipe Wall Thickness (in)	1.000
Cross Sectional Area of Pipe Body (in ²)	12.566
Cross Sectional Area OD (in ²)	19.635
Cross Sectional Area ID (in ²)	7.069
Section Modulus (in ³)	10.681
Polar Section Modulus (in ³)	21.363
Torsional Strength (lbs/ft)	56,496
Tensile Strength (lbs)	691,150
Burst Pressure (psi)	22,647
Collapse Pressure (psi)	17,600

HEAVY WEIGHT DRILL PIPE CONNECTION

Tool Joint Grade	AISI 4140
OD (in)	6.625
ID (in)	3.000
Pin Tong Length (in)	24.00
Box Tong Length (in)	24.00
Connection	DPM-DS50
Torsional Strength (lbs/ft)	83,061
Tensile Yield Strength (lbs)	1,397,293
Minimum Make-up Torque (lbs/ft)	41,500
Recommended Make-up Torque (lbs/ft)	49,800
Maximum Make-up Torque (lbs/ft)	58,100
Tool Joint/Drill Pipe Torsional Ratio (New)	1.47
Balanced OD	6.505

HEAVY WEIGHT DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.81
Closed End Displacement (gal/ft)	1.18
Fluid Capacity (gal/ft)	0.37
Drift Size (in)	2.750
Adjusted Weight (lbs/ft)	52.97
Internal Plastic Coating	TK34P
Hardbanding	ARNCO 100 XT

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