

5-1/2" OD, HWDP, INTEGRAL, STANDARD, 7.000" OD x 4.000" ID, DPM-DS55

## HEAVY WEIGHT DRILL PIPE BODY

Nominal OD (in)	5-1/2
Nominal ID (in)	4.000
Pipe Grade	AISI 4145
Heavy Weight Type	STANDARD
HWConstruction	INTEGRAL
Pipe Wall Thickness (in)	0.750
Cross Sectional Area of Pipe Body (in <sup>2</sup> )	11.192
Cross Sectional Area OD (in <sup>2</sup> )	23.758
Cross Sectional Area ID (in <sup>2</sup> )	12.566
Section Modulus (in <sup>3</sup> )	11.764
Polar Section Modulus (in <sup>3</sup> )	23.529
Torsional Strength (lbs/ft)	135,759
Tensile Strength (lbs)	1,343,031
Burst Pressure (psi)	32,351
Collapse Pressure (psi)	28,264

## HEAVY WEIGHT DRILL PIPE CONNECTION

OD (in)	7.000
ID (in)	4.000
Pin Tong Length (in)	30.00
Box Tong Length (in)	30.00
Connection	DPM-DS55
Torsional Strength (lbs/ft)	69,059
Tensile Yield Strength (lbs)	1,197,046
Minimum Make-up Torque (lbs/ft)	34,500
Recommended Make-up Torque (lbs/ft)	41,400
Maximum Make-up Torque (lbs/ft)	48,300
Tool Joint/Drill Pipe Torsional Ratio (New)	0.51
Balanced OD	6.835

## HEAVY WEIGHT DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.75
Closed End Displacement (gal/ft)	1.40
Fluid Capacity (gal/ft)	0.65
Drift Size (in)	3.813
Adjusted Weight (lbs/ft)	48.97
Hardbanding	TCS TITANIUM

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