

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 ²)	11.192
Cross Sectional Area OD (in ²)	23.758
Cross Sectional Area ID (in ²)	12.566
Section Modulus (in ³)	11.764
Polar Section Modulus (in ³)	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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