

5-1/2" OD, HWDP, WELDED, SPIRAL, 6.625" OD x 4.000" ID, VX54

HEAVY WEIGHT DRILL PIPE BODY

Nominal OD (in)	5-1/2
Nominal ID (in)	3.875
Pipe Grade	VM-90 HW SSE
Heavy Weight Type	SPIRAL
HWConstruction	WELDED
Pipe Wall Thickness (in)	0.813
Cross Sectional Area of Pipe Body (in ²)	11.965
Cross Sectional Area OD (in ²)	23.758
Cross Sectional Area ID (in ²)	11.793
Section Modulus (in ³)	12.309
Polar Section Modulus (in ³)	24.619
Torsional Strength (lbs/ft)	107,000
Tensile Strength (lbs)	1,080,000
Burst Pressure (psi)	26,600
Collapse Pressure (psi)	22,700

HEAVY WEIGHT DRILL PIPE CONNECTION

Tool Joint Grade	ERS425
OD (in)	6.625
ID (in)	4.000
Pin Tong Length (in)	31.00
Box Tong Length (in)	24.00
Connection	VX54
Torsional Strength (lbs/ft)	68,800
Tensile Yield Strength (lbs)	1,140,000
Minimum Make-up Torque (lbs/ft)	38,700
Recommended Make-up Torque (lbs/ft)	43,000
Maximum Make-up Torque (lbs/ft)	45,000
Tool Joint/Drill Pipe Torsional Ratio (New)	0.65
Balanced OD	6.760

HEAVY WEIGHT DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.82
Closed End Displacement (gal/ft)	1.44
Fluid Capacity (gal/ft)	0.61
Drift Size (in)	3.750
Adjusted Weight (lbs/ft)	53.92
Internal Plastic Coating	TK34P
Hardbanding	ARNCO 100 XT

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