

5-1/2" OD, HWDP, WELDED, STANDARD, 6.625" OD x 3.250" ID, XT54

HEAVY WEIGHT DRILL PIPE BODY

Nominal OD (in)	5-1/2
Nominal ID (in)	3.250
Pipe Grade	HW-105
Heavy Weight Type	STANDARD
HWConstruction	WELDED
Pipe Wall Thickness (in)	1.125
Cross Sectional Area of Pipe Body (in ²)	15.463
Cross Sectional Area OD (in ²)	23.758
Cross Sectional Area ID (in ²)	8.296
Section Modulus (in ³)	14.342
Polar Section Modulus (in ³)	28.685
Torsional Strength (lbs/ft)	144,800
Tensile Strength (lbs)	1,623,600
Burst Pressure (psi)	37,585
Collapse Pressure (psi)	34,168

HEAVY WEIGHT DRILL PIPE CONNECTION

Tool Joint Grade	AISI 4130
OD (in)	6.625
ID (in)	3.250
Pin Tong Length (in)	27.00
Box Tong Length (in)	27.00
Connection	XT54
Torsional Strength (lbs/ft)	101,700
Tensile Yield Strength (lbs)	1,396,100
Minimum Make-up Torque (lbs/ft)	50,800
Maximum Make-up Torque (lbs/ft)	61,000
Tool Joint/Drill Pipe Torsional Ratio (New)	0.70
Balanced OD	7.077

HEAVY WEIGHT DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.80
Closed End Displacement (gal/ft)	1.23
Fluid Capacity (gal/ft)	0.43
Drift Size (in)	3.000
Adjusted Weight (lbs/ft)	59.87
Hardbanding	DURABAND NC

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