

3-1/2" OD, HWDP, WELDED, STANDARD, 4.125" OD x 2.063" ID, XT31

HEAVY WEIGHT DRILL PIPE BODY

Nominal OD (in)	3-1/2
Nominal ID (in)	2.062
Pipe Grade	AISI 1340
Heavy Weight Type	STANDARD
HWConstruction	WELDED
Pipe Wall Thickness (in)	0.719
Cross Sectional Area of Pipe Body (in ²)	6.282
Cross Sectional Area OD (in ²)	9.621
Cross Sectional Area ID (in ²)	3.339
Section Modulus (in ³)	3.702
Polar Section Modulus (in ³)	7.404
Torsional Strength (lbs/ft)	19,600
Tensile Strength (lbs)	345,400
Burst Pressure (psi)	19,766
Collapse Pressure (psi)	17,950

HEAVY WEIGHT DRILL PIPE CONNECTION

Tool Joint Grade	AISI 4145
OD (in)	4.125
ID (in)	2.063
Pin Tong Length (in)	24.00
Box Tong Length (in)	24.00
Connection	XT31
Torsional Strength (lbs/ft)	19,700
Tensile Yield Strength (lbs)	435,300
Minimum Make-up Torque (lbs/ft)	9,800
Recommended Make-up Torque (lbs/ft)	11,800
Tool Joint/Drill Pipe Torsional Ratio (New)	1.00

HEAVY WEIGHT DRILL PIPE ASSEMBLY

Approx Average Length (ft)	31.50
Open End Displacement (gal/ft)	0.36
Closed End Displacement (gal/ft)	0.50
Fluid Capacity (gal/ft)	0.17
Drift Size (in)	1.812
Adjusted Weight (lbs/ft)	23.40
Hardbanding	ARNCO 100 XT

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