



DOC TITLE: DRILL COLLAR PERFORMANCE DATA SHEET

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REV: NA

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3-1/8" SLICK DRILL COLLAR PERFORMANCE DATA SHEET

Drill Collar Size & Weight: 3-1/8" x 1-1/2" ID
Material Grade: 110 ksi
Length (ft): 31.0
Connection: 2-7/8 High Torque PAC

IMPERIAL UNIT

DRILL COLLAR DIMENSIONS

Technical Details

Pipe Body

Outside Diameter (OD)	in	3.125
Inside Diameter (ID)	in	1.500
Overall Length (New)	ft	31.000
Plain End Weight (lbs/ft)	lbs/ft	20.07

DRILL COLLAR DIMENSIONS

Technical Details

Pipe Body

Cross Sectional Area of Pipe Body	in sq	5.903
Cross Sectional Area of OD	in sq	7.670
Cross Sectional Area of ID	in sq	1.767
Sectional Modulus	in Cu	2.837
Polar Section Modulus	in Cu	5.674

Connection

Connection Type	2-7/8 High Torque PAC	
Outside Diameter (OD)	in	3.125
Inside Diameter (ID)	in	1.500
BB+SRG	No	
Connection Tensile Strength	lbs	244,168
Con.Torsional Strength	ft-lbs	7,853
Recom. Make-Up Torque	ft-lbs	6,247
Bending Strength Ratio (BSR)	2.314	

Drill Collar Assembly

Adjusted Weight	lbs/ft	20.07
Approximate Length	ft	31.0
Drift Size	inch	1.375
Fluid Displacement	gal/ft	0.310
Fluid Capacity	gal/ft	0.090

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