



GULF ENGINEERING SERVICES LTD. DRILL COLLAR PERFORMANCE SHEET

Size: 6.750" x 2.813"
Type: Spiral
MYS (ksi): 120
Tool Joint: 6.750" x 2.813" NC50

DRILL COLLAR BODY:

	Nominal 100% RBW
OD (in):	6.750
Wall Thickness (in):	1.969
Nominal ID (in):	2.813

DRILL COLLAR ASSEMBLY:

Approximate Length (ft):	31.5
Adjusted Weight (lbs):	99.35
Type of Drill Collar:	Spiral
Fluid Displacement (gal/ft):	1.537
Fluid Displacement (bbls/ft):	0.0366
Fluid Capacity (gal/ft):	0.323
Fluid Capacity (bbls/ft):	0.0077
Drift Size (in):	2.688

CONNECTION: NC50

Tool Joint OD (in):	6.750
Tool Joint ID (in):	2.813
Connection MYS (ksi):	120
Bending Strength Ration (BSR):	2.37

Maximum MUT (ft-lbs):	34 100
Tension at Shoulder Separation @ Max MUT (lbs):	Tensile Limited
Tension at Connection Yield @ Max MUT (lbs):	1 230 800

Minimum MUT (ft-lbs):	28 400
Tension at Shoulder Separation @ Min MUT (lbs):	1 251 500
Tension at Connection Yield @ Min MUT (lbs):	1 380 700

Tool Joint Torsional Strength (ft-lbs):	56 800
Tool Joint Tensile Strength (lbs):	1 380 700

Note: MUT values are based on a friction factor of 1.0. There is no published pressure rating for this connection.

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