

DoubleBarrel

DB8 RSS SPECIFICATIONS

Operational Specs

Borehole size	7 7/8" - 8 3/4"
Theoretical Build Rate Range	8°/100 ft
Bit Connection	4 1/2" REG
Top End Connection	4 1/2" XH, 4 1/2" IF
Maximum Flow Rate	600 GPM
Minimum Flow Rate	350 GPM
Maximum WOB	45,000 lb
RPM Range	0-250 RPM
Maximum Bit Torque	14,000 ft - lb
Maximum Over-Pull Operation	225,000 lb
Maximum Hydrostatic Pressure	17,400 PSIG
Maximum Operating Temp	150° C
Maximum Lost Circulation	50 lbs MNP
Type of LCM	Fine - Medium
Max Pass-through	15°/100 ft



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Electronic Specs

Distance from Bit	3ft
Sensor Type	3-axis
Azimuth	$\pm 0.3^\circ$
Inclination	$\pm 0.1^\circ$
Roll	$\pm 0.1^\circ$
Max Temperature	150° C
Power	15V/25ma, -15V/15ma, +5v/60ma
Size	600 grams
Shock	1000 Gs, 1mSec half sine wave
Vibration (random)	15 Grms, 5 - 1000 Hertz
	Gamma
Standard Bulk	10' from bit

