

DoubleBarrel DB15 Specifications

Specifications	5.00 RSS	6.50 RSS	6.75 RSS	9.00 RSS
	Coming Soon			Coming Soon
Borehole Size	6.125-6.75"	8.5"	8.75 - 9.875"	10.625" – 12.25"
Build Rate Range	0-15"/100ft.	0-15"/100ft.	0-15"/100ft.	6.5" / 100 ft
Bit Connection	3.5" Reg	4.5" Reg	4.5" Reg	6 5/8" REG
Top End Connection	3.5" IF	4.5" XH, 4.5" IF	4.5" XH, 4.5" IF	6 5/8" REG
Maximum Flow Rate	355 GPM	700 GPM	700 GPM	1200 GPM
Minimum Flow Rate	170 GPM	350 GPM	350 GPM	300 GPM
Maximum WOB	28,000 lb	45,000 lb	45,000 lb	75,000 lb
RPM Range	0-300 RPM	0-300 RPM	0-300 RPM	0 – 250 RPM
Maximum Bit Torque	7,900 ft-lb	14,000 ft-lb	14,000 ft-lb	45,000 ft-lb
Maximum Over-Pull	120,000 lb	225,000 lb	225,000 lb	225,000 lb
Maximum Hydrostatic Pressure	17,500 PSIG	17,400 PSIG	17,400 PSIG	30,000 PSIG
Maximum Operating Temp	150° C (302° F)	150° C (302° F)	150° C (302° F)	150° C (302° F)
Maximum Lost Circulation	50 lbs MNP	50 lbs MNP	50 lbs MNP	50 lbs MNP
LCM Type	Fine-Medium	Fine-Medium	Fine-Medium	Fine – Medium
Max Pass-Through	20"/100ft.	20"/100ft.	20"/100ft.	10" / 100 ft
Sensors				
Inclination	3ft. to Bit	3ft. to Bit	3ft. to Bit	5.25 ft. to bit
Azimuth	3ft. to Bit	3ft. to Bit	3ft. to Bit	5.25 ft. to bit
Gamma Ray	10ft. to Bit	10ft. to Bit	10ft. to Bit	9.5 ft. to bit
Azimuthal Gamma Ray	14ft. to Bit	14ft. to Bit	14ft. to Bit	9.5 ft. to bit
Sensor Type	3-axis	3-axis	3-axis	3-axis
Azimuth Accuracy	±1°	±1°	±1°	±1°
Inclination Accuracy	±0.1°	±0.1°	±0.1°	±0.1°
Roll Accuracy	±0.1°	±0.1°	±0.1°	±0.1°
Maximum Operating Temp	150° C (302° F)	150° C (302° F)	150° C (302° F)	150° C (302° F)
Power	24 Vdc	15V/25ms, -15V/15mc, +5v/60ma	15V/25ms, -15V/15mc, +5v/60ma	+15V @ 25ma 0,-15V @ 15ma, 5V @ 60ma
Size	-	600 grams	600 grams	600 grams
Shock Threshold	1000 Gs, 1mSec half sine wave	1000 Gs, 1mSec half sine wave	1000 Gs, 1mSec half sine wave	1000 Gs, 1mSec half sine wave
Vibration (Random)	15 Grms, 5-1000 Hertz	15 Grms, 5-1000 Hertz	15 Grms, 5-1000 Hertz	15 Grms, 5 – 1000 Hertz

