

- A** 2.3 ft (0.7 m)
- B** 6.7 ft (2.04 m)
- C** 24 ft (7.32 m)
- D** Maximum Diameter of Motor at Upset: 8.63 in (219 mm)
- E** Radius of Offset Pad: 4.13 in (105 mm)

Common Top Connection: 6 5/8 REG 7 H-90

Common Bottom Connection: 6 5/8 REG

Weight: 2690 lbs (1220 kg)

Predicted Build Rates - Degrees/100ft (30m)

Bend Setting	Slick			Single Stabilizer			Two Stabilizers		
	Hole Size			Hole Size			Hole Size		
	Deg	9 7/8	10 5/8	12 1/4	9 7/8	10 5/8	12 1/4	9 7/8	10 5/8
0.39	1.5	1.3	1.2	2.7	3.1	3.8	1.8	1.8	1.8
0.78	2.5	2.5	2.4	4.9	5.2	5.9	4.3	4.3	4.3
1.15	4.5	3.7	4.4	6.9	7.2	7.9	6.6	6.6	6.6
1.50	6.7	5.2	4.7	8.8	9.2	9.7	8.8	8.8	8.8
1.83	8.9	7.3	5.7	10.7	11.0	11.5	10.7	10.9	10.8
2.12	10.8	9.1	6.6	12.3	12.5	13.0	12.3	12.5	12.7
2.38	12.4	10.8	7.4	13.7	13.9	14.4	13.7	13.9	14.3
2.60	13.9	12.2	8.8	14.9	15.1	15.6	14.9	15.1	15.6
2.77	15.0	13.3	9.8	15.9	16.1	16.5	15.9	16.1	16.5
2.89	15.7	14.0	10.6	16.5	16.7	17.1	16.5	16.7	17.1
2.97	16.3	14.5	11.1	17.0	17.2	17.5	17.0	17.2	17.5
3.00	16.4	14.7	11.3	17.1	17.3	17.7	17.1	17.3	17.7

Maximum Adjustable Bend Setting For Rotary Drilling - Degrees

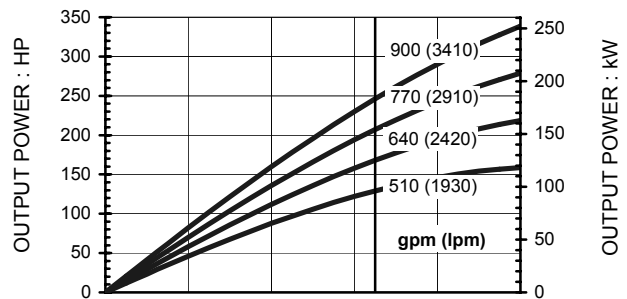
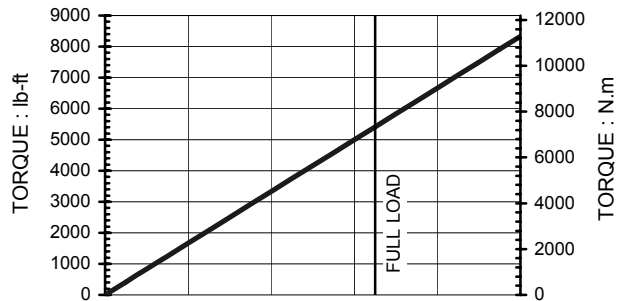
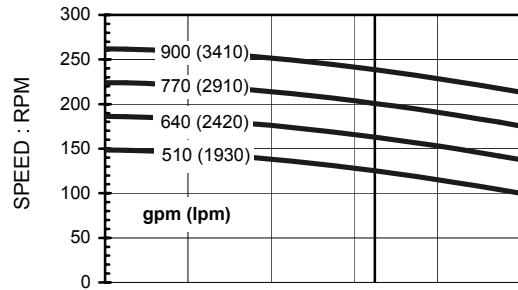
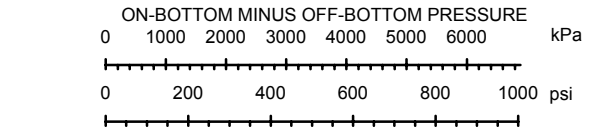
Hole Curvature	Slick			Single Stabilizer			Two Stabilizer		
	Hole Size			Hole Size			Hole Size		
	Deg/100ft	9 7/8	10 5/8	12 1/4	9 7/8	10 5/8	12 1/4	9 7/8	10 5/8
0.0	3.00	3.00	3.00	2.12	2.38	2.60	1.83	1.83	1.83
3.0	2.77	3.00	3.00	1.83	1.83	2.12	1.50	1.50	1.50
6.0	2.38	2.77	3.00	1.15	1.15	1.50	0.78	0.78	0.78
9.0	1.83	2.38	3.00	0.78	0.78	1.15	0.39	0.39	0.39
12.0	1.50	1.83	3.00	0.39	0.39	0.39	0.00	0.00	0.00
15.0	1.15	1.50	2.60		0.00	0.00			
18.0	0.78	1.15	2.12						
21.0	0.39	0.78	1.50						
24.0	0.00	0.39	1.15						
27.0		0.00	0.78						
30.0			0.39						
33.0			0.00						
36.0									

Refer to page 11-1 for guidelines of above table.

7 3/4" (8") 5/6 M/L 5.0 Stage

Specifications based on series 24 motor.

Maximum Pump Rate	900 gpm	3410 lpm
Revolutions per Unit Volume	0.29 rev/gal	0.077 rev/l
Pressure at Full Load	650 psi	4480 kPa
Torque at Full Load	5,410 lb-ft	7331 Nm
Maximum Weight on Bit	142,000 lbs	640 kN
Maximum Pull to Re-Run Motor	349,000 lbs	1570 kN
Pull to Yield Motor	775,000 lbs	3490 kN



- Total pressure loss through motor with no load is approximately 180 psi (1240 kPa) @ 770 gpm (2910 lpm).
- Charts show suppliers' data with water @ 68°F (20°C).
- For temperatures exceeding 140°F (60°C), full load pressure decreases as per Table 5.1, page 5-8.