

- A** 2 ft (0.61 m)
- B** 5.4 ft (1.65 m)
- C** 16 ft (4.88 m)
- D** Maximum Diameter of Motor at Upset: 5.38 in (137 mm)
- E** Radius of Offset Pad: 2.65 in (67 mm)

Common Top Connection: 3 1/2 IF 3 1/2 REG

Common Bottom Connection: 3 1/2 REG

Weight: 670 lbs (310 kg)

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

Bend Setting	Slick			Single Stabilizer			Two Stabilizers		
	Hole Size			Hole Size			Hole Size		
	Deg	6	6 1/4	6 3/4	6	6 1/4	6 3/4	6	6 1/4
0.39	2.2	2.0	2.4	3.7	4.1	4.7	2.4	2.4	2.4
0.78	6.2	5.1	4.0	7.0	7.3	7.9	5.9	5.9	5.9
1.15	10.0	8.9	6.8	10.0	10.3	10.9	9.3	9.3	9.3
1.50	13.6	12.5	10.3	13.6	13.2	13.8	13.3	12.5	12.5
1.83	17.0	15.9	13.7	17.0	15.9	16.5	17.0	15.6	15.6
2.12	20.0	18.9	16.6	20.0	18.9	18.8	20.0	18.9	18.3
2.38	22.7	21.5	19.2	22.7	21.5	20.9	22.7	21.5	20.7
2.60	25.0	23.8	21.4	25.2	23.8	22.7	25.2	23.8	22.7
2.77	26.7	25.5	23.2	27.2	25.5	23.2	27.2	25.5	24.1
2.89	28.0	26.8	24.4	28.6	26.8	24.4	28.6	26.8	25.1
2.97	28.8	27.6	25.2	29.6	27.6	25.2	29.6	27.6	25.7
3.00	29.1	27.9	25.5	30.0	27.9	25.5	30.0	27.9	26.0

Maximum Adjustable Bend Setting For Rotary Drilling - Degrees

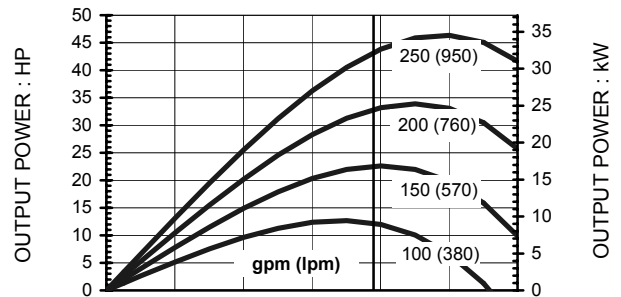
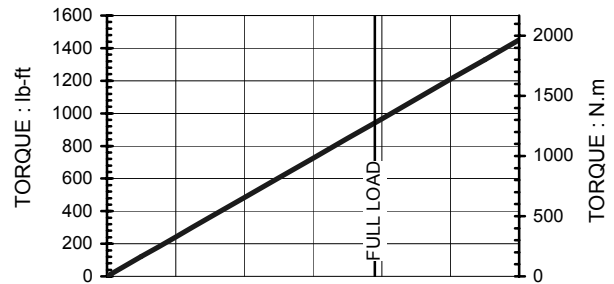
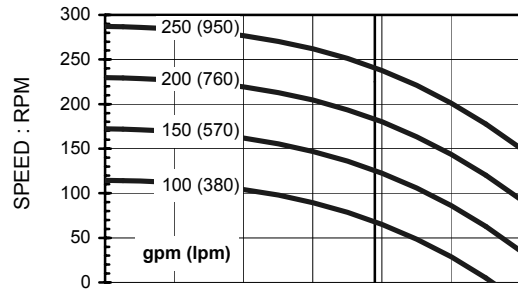
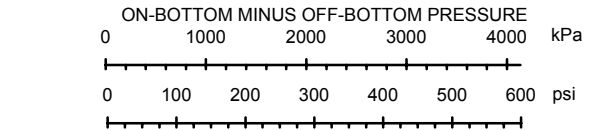
Hole Curvature	Slick			Single Stabilizer			Two Stabilizer		
	Hole Size			Hole Size			Hole Size		
	Deg/100ft	6	6 1/4	6 3/4	6	6 1/4	6 3/4	6	6 1/4
0.0	3.00	3.00	3.00	2.38	2.60	3.00	2.12	2.38	2.60
4.0	2.77	3.00	3.00	2.12	2.38	3.00	1.83	1.83	2.60
8.0	2.38	2.60	3.00	1.83	1.83	2.60	1.50	1.50	2.12
12.0	2.12	2.12	2.77	1.50	1.50	2.12	1.15	1.15	1.50
16.0	1.83	1.83	2.38	1.15	1.50	1.50	0.78	1.15	1.15
20.0	1.50	1.50	2.12	0.78	1.15	1.15	0.39	0.78	0.78
24.0	1.15	1.15	1.50	0.78	0.78	0.78	0.39	0.39	0.39
28.0	0.78	0.78	1.15	0.00	0.39	0.39	0.00	0.00	0.00
32.0	0.39	0.39	1.15			0.00			
36.0	0.00	0.39	0.78						
40.0		0.00	0.39						
44.0			0.00						
48.0									

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

4 3/4" 5/6 M/L 3.0 Stage

Specifications based on series 24X motor.

Maximum Pump Rate	250 gpm	950 lpm
Revolutions per Unit Volume	1.12 rev/gal	0.296 rev/l
Pressure at Full Load	390 psi	2690 kPa
Torque at Full Load	940 lb-ft	1274 Nm
Maximum Weight on Bit	69,000 lbs	310 kN
Maximum Pull to Re-Run Motor	144,000 lbs	650 kN
Pull to Yield Motor	331,000 lbs	1490 kN



- Total pressure loss through motor with no load is approximately 150 psi (1030 kPa) @ 200 gpm (760 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.