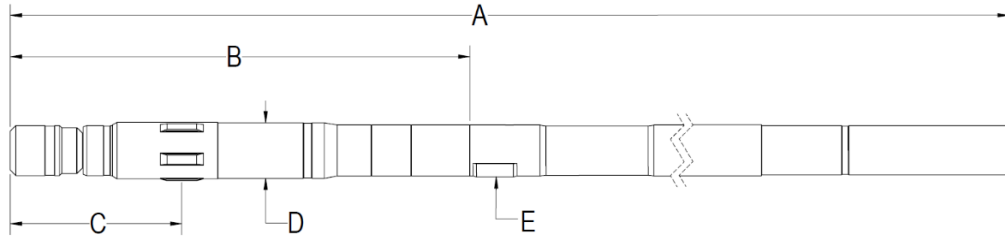


# 7-3/8" 6/7 8.4 High-Flow Motor

7.38" Bearing Assembly  
7.00" 6/7 8.4 Power Section



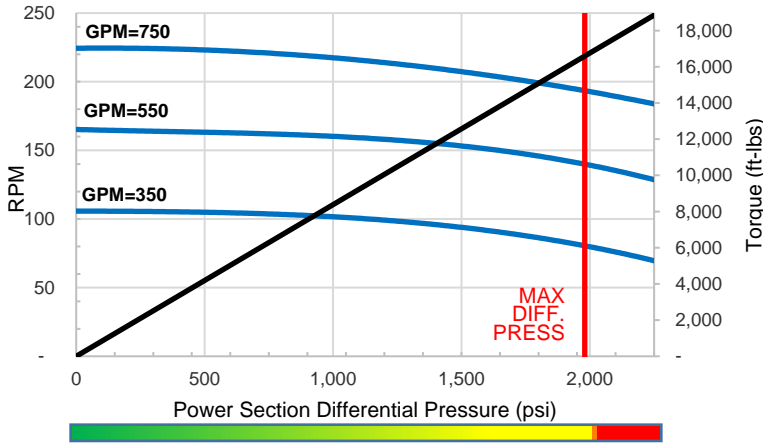
### Power Section Specifications

Flow Range	350-750	GPM
Rotation	0.30	Rev/Gal
Speed Range	110-230	RPM
Torque Slope	8.38	ft-lb/psi
Off Bottom Pressure	160	psi
Max Diff. Pressure	1,980	psi
Max Torque	16,550	ft-lbs
Stall Diff. Pressure	3,110	psi
Stall Torque	26,060	ft-lbs

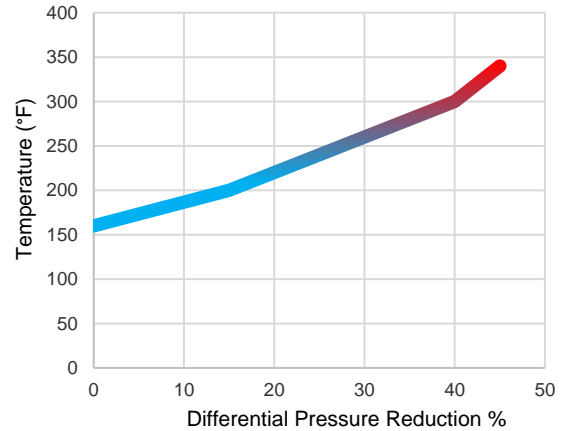
### Motor Dimensions

Overall Length	A	441	in
Bit-to-Bend (FBH)	B	63.0	in
Bit-to-Stabilizer (Center)	C	24.5	in
Maximum Motor OD	D	7.63	in
Pad Radius (FBH)	E	3.81	in
Weight		3200	lbs

7" 6/7 8.4 Power Curve



Differential Pressure Reduction Chart



Predicted Build Rates, deg/100 ft - Fixed Bent Housing

Bend Setting	Slick			Partially Stabilized			Fully Stabilized		
	Hole Size			Hole Size			Hole Size		
Deg.	8.50	8.75	9.88	8.50	8.75	9.88	8.50	8.75	9.88
1.15°	3.9	3.4	1.2	5.3	5.4	5.9	4.8	4.8	4.8
1.50°	5.7	5.2	3.0	7.1	7.2	7.6	6.6	6.6	6.6
1.75°	6.9	6.5	4.3	8.4	8.5	8.9	7.9	7.9	7.9
1.83°	7.3	6.9	4.7	8.8	8.9	9.3	8.3	8.3	8.3
2.12°	8.8	8.3	6.2	10.3	10.4	10.8	9.8	9.8	9.8
2.25°	9.5	9.0	6.8	10.9	11.0	11.4	10.4	10.4	10.4
2.38°	10.1	9.7	7.5	11.6	11.7	12.1	11.1	11.1	11.1
2.60°	11.3	10.8	8.6	12.7	12.8	13.2	12.2	12.2	12.2