

8" Mud Motor

9/10 Lobe 4 Stage

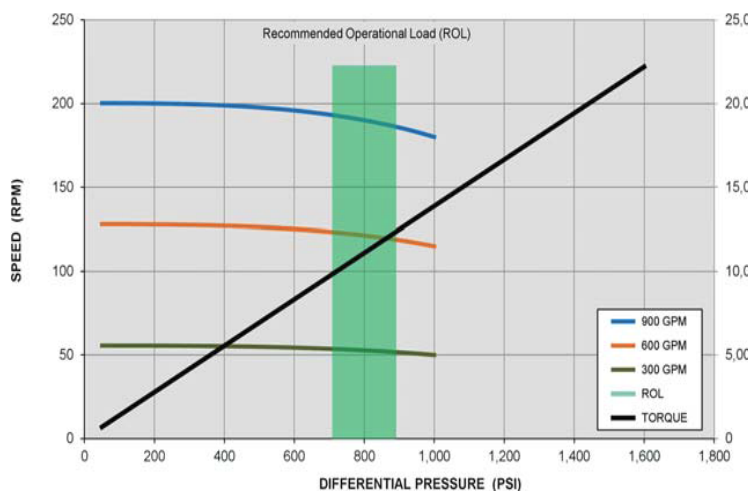
Motor Specifications	English	Metric
Model Number	8-910-4	
Motor Size	8.00 in	203.20 mm
Rotor / Stator Lobes	9 / 10	
Stages	4	
Length	24 ft	7.3 m
Weight	3020 lb	1,369.8 kg
Operating Flow Rate	300-900 GPM	1,135-3,407 LPM
Maximum Developed Power	394.6 hp	294.3 kW
Maximum Developed Torque	14,800 ft-lb	20,066.1 N-m
Speed @ No Load	84-252 RPM	
Revs Per Volume @ No Load	0.28 Rev/G	0.07 Rev/L
Differential Pressure @ No Load	50 psi	344.7 kpa
Speed @ Full Load	81-180 RPM	
Revs Per Volume @ Full Load	0.20 Rev/G	0.05 Rev/L
Differential Pressure @ Full Load	600 psi	4,140 kpa
Bit to Bend	90.5 in	27,584 mm
Maximum Pressure Drop	1,500 psi	10,342 kpa
Maximum Weight on Bit	80,000 lb	36,287 kg
Maximum Pull to Re-Run Motor	300,000 lb	136,078 kg
Pull to Yield Motor	800,000 lb	362,874 kg
Bit Box Connection	6-5/8 Reg	
Upper Box Connection	6-5/8 Reg	

Build Rate (Degrees Per 100 Feet)				
ABH	Hole Size			
Angle	9 7/8"	10 5/8"	12 1/4"	
0.31				
0.62	2.06	0.12		
0.93	4.81	2.86		
1.22	7.38	5.42	1.32	
1.50	9.86	7.90	3.76	
1.76	12.17	10.20	6.07	
2.00	14.30	12.32	8.18	
2.23	16.34	14.36	10.20	
2.42	18.02	16.04	11.87	
2.60	19.62	17.63	13.45	
2.74	20.86	18.87	14.69	
2.85	21.84	19.84	15.65	
2.93	22.55	20.55	16.36	
2.98	22.99	20.99	16.80	
3.00	23.17	21.17	16.97	

Flow Rate	* Rev/Gal
300 GPM	0.27
600 GPM	0.22
900 GPM	0.20

* At Full Operating Load

PERFORMANCE CURVE



POWER CURVE

