



8" Supreme Motor Series

Motor Specifications

(8 inch Supreme Power Section with 9-5/8 Lower Section)

Operating Data			
Flow Range	gpm (lpm)	400 - 900 (1,510 - 3,410)	
Motor Pressure	psi (bar)	1,000 (69)	
Bit Speed	rpm	66 - 149	
Displacement	rev/gal (rev/l)	.166 (.044)	
Torque	ft-lbs (Nm)	16,540 (22,425)	
Power	HP (Kw)	469 (350)	
Physical Dimensions			
Power Section Configuration	Stages	4.0	
	Lobes	7/8	
Bit to Stabilizer	in (mm)	36.4 (925)	
Bit to Bend	Fixed	in (mm)	108.8 (2,764)
	Adj	in (mm)	114.4 (2,906)
Overall Motor Length	Fixed	ft (m)	28.8 (8.8)
	Adj	ft (m)	31.1 (9.5)
Weight	lbs (kg)	4,200 (1,905)	
Connections	Box	6-5/8 Reg Top and 7-5/8 Reg Bottom	
Bit Size	in (mm)	11-1/4 to 26 (285.8 - 660.4)	

