



4-3/4 SS100 Motor Specifications



Performance Curves Based on Dynamometer Test Data

Operating Data			
Flow Range	gpm (lpm)		150 - 250 (568 - 946)
Motor Pressure	psi (bar)		950 (66)
Bit Speed	rpm		88 - 147
Displacement	rev/gal (rev/l)		.588 (.155)
Torque	ft-lbs (Nm)		4,689 (6,357)
Power	HP (Kw)		131 (98)
Physical Dimensions			
Power Section Configuration	Stages		3.8
	Lobes		7/8
Bit to Stabilizer	in (mm)		28.9 (735)
Bit to Bend	Fixed	in (mm)	52.4 (1,330)
	Adj	in (mm)	66.3 (1,685)
Overall Motor Length	Fixed	ft (m)	23.0 (7.0)
	Adj	ft (m)	24.4 (7.4)
Weight	lbs (kg)		865 (390)
Connections	Standard	Box	3½ IF Top, 3½ Reg Bottom
	Optional	Box	Available upon request
Bit Size	in (mm)		5¾ - 6¾ (146.1 - 171.5)

