



8 P100 AD Motor Specifications



Operating Data			
Flow Range	scfm (m ³ /min)		1,500 - 3,375 (42.5 - 95.6)
Motor Pressure	psi (bar)		450 (31)
Bit Speed	rpm		66 - 149
Displacement	rev/scfm (rev/m ³ /min)		.044 (1.556)
Torque	ft-lbs (Nm)		7,465 (10,120)
Power	HP (Kw)		212 (158)
Physical Dimensions			
Power Section Configuration		Stages	3.0
		Lobes	7/8
Bit to Stabilizer		in (mm)	30.7 (780)
Bit to Bend	Fixed	in (mm)	95.2 (2,418)
	Adj	in (mm)	105 (2,667)
Overall Motor Length	Fixed	ft (m)	23.2 (7.1)
	Adj	ft (m)	24.7 (7.5)
Weight		lbs (kg)	2,810 (1,275)
Connections		Box	6-5/8" Reg, Top and Bottom
Bit Size		in (mm)	9-1/2 to 12-1/4 (241.3 - 311.2)

