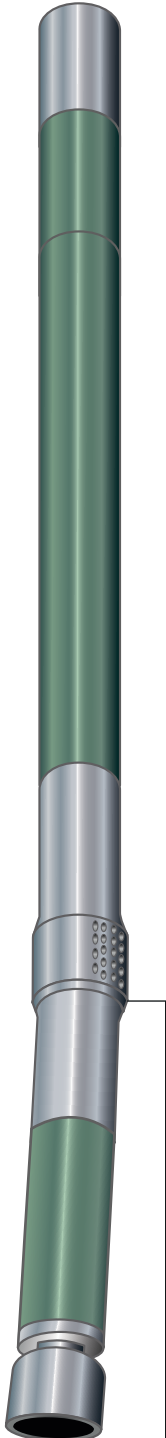


Drilling motors – Technical data


Motor specifications (PH-375-560-30)		
	Imperial	Metric
Tool OD	3.75"	95 mm
Lobe configuration	5/6 lobe	
Number of stages	3.0 stage	
Bit to bend	44.96"	1,142 mm
Weight	348 lbs	158 kg
Length	163.07"	4,142 mm
Recommended bit size	4 5/8" - 5 7/8"	118 - 149 mm
Top connection (Box)	2 7/8" reg.	
Bit connection (Box)	2 7/8" reg.	
Flow rate	80 - 200 gpm	303 - 757 l/min
Rotation	1.469 Rev/Gal	0.388 Rev/Lit
Speed range	117 - 294 rpm	
Max. Diff. pressure	455 psi	31.4 bar
Maximum torque	818 ft-lbs	1,110 Nm
Maximum power	44 hp	32 kW
HSG max allowable pull	195,505 lbs	870 KN
Bit max allowable pull	84,900 lbs	380 KN

Predicted build radius (m)

Bend angle	Slick bearing housing			
	Hole size			
	4 3/4"	5"	5 1/2"	5 7/8"
0.31				
0.62	4090			
0.93	330	570		
1.22	180	230	560	
1.50	120	150	230	410
1.76	100	110	150	210
2.00	80	90	110	150
2.23	70	80	90	110
2.42	60	70	80	100
2.60	60	60	70	80
2.74	50	60	70	80
2.85	50	60	60	70
2.93	50	50	60	70
2.98	50	50	60	70
3.00	50	50	60	70

Torque, Speed, Power & Efficiency curves
