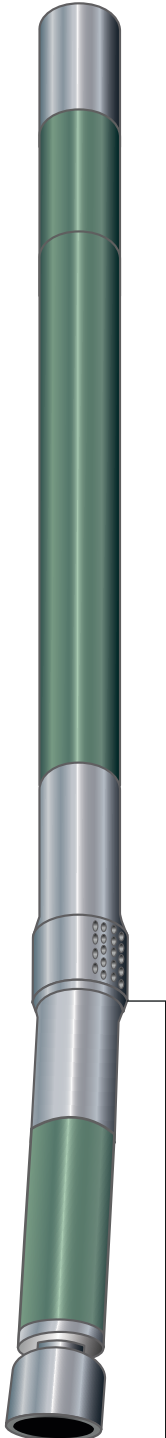


**Drilling motors – Technical data**


Motor specifications (PH-675-910-40)		
	Imperial	Metric
Tool OD	6.75"	172 mm
Lobe configuration	9/10 lobe	
Number of stages	4.0 stage	
Bit to bend	76.9"	1,954 mm
Length	278"	7,073 mm
Weight	2,200 lbs	1,000 kg
Recommended bit size	7 7/8" - 9 7/8"	200 - 250 mm
Top connection (Box)	4 1/2" IF/ 4 1/2" reg.	
Bit connection (Box)	4 1/2" reg. / 6 5/8" reg.	
Flow rate	293 - 586 gpm	1,110- 2,220 l/min
Rotation	0.288 Rev/Gal	0.076 Rev/Lit
Speed range	86 - 169 rpm	
Working diff. pressure	466 psi	32 bar
Max. diff. pressure	655 psi	45 bar
Output torque	3,949 ft-lbs	5,355 Nm
Maximum torque	5,245 ft-lbs	7,112 Nm
Maximum power	105 hp	78 kw
HSG max allowable pull	434,830 lbs	1,935 KN
Bit max allowable pull	307,860 lbs	1,370 KN

**Predicted build radius (m)**

Bend angle	Slick bearing housing			
	Hole size			
	7 7/8"	8 1/2"	8 3/4"	9 7/8"
0.31				
0.62	7160			
0.93	570	2530		
1.22	310	530	730	
1.50	210	300	360	2200
1.76	170	210	240	560
2.00	140	170	190	330
2.23	120	140	150	240
2.42	110	120	130	200
2.60	100	110	120	160
2.74	90	100	110	150
2.85	90	100	100	140
2.93	80	90	100	130
2.98	80	90	100	130
3.00	80	90	100	120

**Torque, Speed, Power & Efficiency curves**
