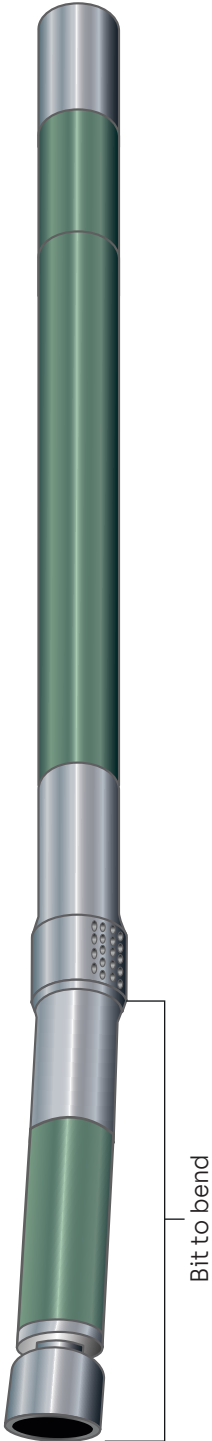


**Drilling motors – Technical data**


Motor specifications (PH-800-910-40)		
	Imperial	Metric
Tool OD	8"	203 mm
Lobe configuration	9/10 lobe	
Number of stages	4.0 stage	
Bit to bend	90.8"	2,306 mm
Length	293"	7,439 mm
Weight	2,860 lbs	1,300 kg
Recommended bit size	9 7/8" - 12 1/4"	251 - 311 mm
Top connection (Box)	6 5/8" reg.	
Bit connection (Box)	6 5/8" reg.	
Flow rate	335 - 670 gpm	1,276- 2,534 l/min
Rotation	0.216 Rev/Gal	0.057 Rev/Lit
Speed range	72 - 145 rpm	
Working diff. pressure	466 psi	32 bar
Max. diff. pressure	655 psi	45 bar
Output torque	4,617 ft-lbs	6,260 Nm
Maximum torque	6,132 ft-lbs	8,315 Nm
Maximum power	152 hp	113 kw
HSG max allowable pull	584,270 lbs	2,600 KN
Bit max allowable pull	346,070 lbs	1,540 KN

**Predicted build radius (m)**

Bend angle	Slick bearing housing		
	Hole size		
	9 7/8"	10 5/8"	12 1/4"
0.31			
0.62			
0.93	1420		
1.22	506	1221	
1.50	312	489	
1.76	230	315	1323
2.00	185	237	556
2.23	156	191	357
2.42	138	165	276
2.60	125	146	227
2.74	116	134	199
2.85	110	126	182
2.93	106	121	171
2.98	103	117	165
3.00	102	116	163

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