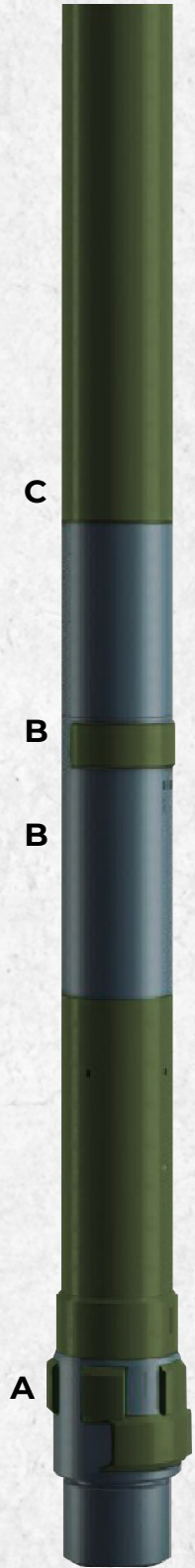


NIGHTHAWK MUD MOTOR

TECHNICAL DATA

Tool Size		4-3/4"	5"	5-1/2"	6-1/2"	6-3/4"	7"	8"	9-5/8"	11-3/4"
Maximum Hole Diameter	Inches	6.75	6.75	7.25	8.75	9.875	9.875	12.25	20	26
	mm	171	171	184	222	251	251	311	508	660
Outer Diameter	Inches	4.81	5.10	5.62	6.56	6.82	7.12	8.06	9.63	11.75
	mm	121	127	143	165	171	181	203	244	298
Kick Pad Radius	Inches	2.65	2.85	3.00	3.725	3.805	3.93	4.41	5.13	6.63
	mm	67.3	72.4	76.2	94.6	96.6	99.8	112	130.3	168.4
On Bottom Load Capacity Dynamic	Lbf	55,000	50,000	62,000	88,000	88,000	92,000	125,000	166,000	206,000
	Kgf	24,948	22,680	28,122	39,916	39,916	41,730	56,700	75,296	93,440
Torque Capabilities	Ft-lbs	9,000	11,000	22,000	35,000	35,000	51,000	60,000	40,000	220,000
	Nm	12,204	14,916	29,830	47,453	47,453	69,156	81,600	54,232	298,320
Bit to Stab "A"	Inches	21.9	17	18.75	23	23	25	28.6	33	34.5
	m	0.6	0.43	0.48	0.58	0.58	0.64	0.73	0.84	0.88
Bit to Bend Fixed "B"	Inches	49	45	48	56	56	54	66	75	91.5
	m	1.24	1.14	1.22	1.42	1.42	1.27	1.68	1.90	2.32
Bit to Bend Adjustable "B"	Inches	59.3	55	N/A	67	67	77	80	90	115.5
	m	1.51	1.40	N/A	1.70	1.70	1.95	2.03	2.28	2.93
Bit to Stator "C" Fixed	Inches	80.5	78.6	77	92.8	92.8	87.6	109.3	123.9	142
	m	2.04	2.00	1.95	2.36	2.36	2.23	2.78	3.15	3.61
Bit Box Connection		3-1/2 Reg	3-1/2 Reg	3-1/2 Reg	4-1/2 Reg	4-1/2 Reg	4-1/2 Reg	6-5/8 Reg	6-5/8 Reg 7-5/8 Reg	7-5/8 Reg
Weight	Lbs	1,200	1,460	1,800	2,750	2,900	3,500	4,550	5,500	7,100
	Kgs	545	663	816	1,249	1,317	1,589	2,066	2,497	3,223



Rev F - September 2023

Pin Down Available