



BICO PERFORMANCE DOWNHOLE DRILLING MOTORS

The BICO line of downhole drilling motors are specifically designed to perform in harsh drilling conditions. The unparalleled strength and robustness of the motor comes from its innovative design, which incorporates proprietary elastomers with Evenwall® technology to withstand hostile drilling environments.

Key Features:

- Tool Sizes – 1-11/16" - 12"
- Evenwall® design
- Higher temperature ratings
- Chemical resistance
- Short-bit-to-bend options

Benefits:

- Improved performance capability
- Increased ROP; reduced NPT
- Consistency, reliability and longevity
- Optimization capabilities
- Significant economic savings

Motor Size (inch)	Model	Lobes	Stages	Rev/gal	Min Flow (gpm)	Max Flow (gpm)	Bit Speed (rpm)	Torque (ft-lbs)	HP
1 11/16"	SS100	5/6	2.3	10.82	20	40	216-433	131	10
2 1/8"	SS150	5/6	6.0	13.61	20	50	270-680	256	30
2 7/8"	SS150	5/6	3.5	4.1	60	120	247-493	508	47
2 7/8"	SSS150	5/6	3.5	3.87	60	120	232-464	805	71
3 1/8"	SSS100	7/8	2.5	1.34	110	210	147-281	1455	75
3 1/2"	SSS100	7/8	2.5	1.34	110	210	147-281	1940	94
3 3/4"	SS150	4/5	4.3	1.611	80	180	129-290	2034	83
3 3/4"	SS150 SR	4/5	2.2	1.64	80	180	131-295	1000	49
5"	SS50	7/8	2.4	0.26	150	300	39-79	5380	74
5"	SS100	7/8	3.8	0.56	150	300	84-168	5175	139
5"	SS170	5/6	5.4	1.06	150	300	159-318	3375	192
5"	SSS120	7/8	8.2	0.69	150	350	104-242	9800	349
5"	SSS140	6/7	8.0	0.81	150	350	122-284	7622	367
5"	SSS170	5/6	9.5	1.10	200	400	220-440	7700	586
6 1/4"	SS100	7/8	4.8	0.35	150	400	53-140	9830	251
6 1/2"	SS50	7/8	3.1	0.18	400	700	73-128	10700	161
6 1/2"	SSS100	7/8	5.0	0.29	200	600	58-174	15550	459
6 3/4"	SS50	7/8	3.1	0.18	400	700	73-128	10700	161
6 3/4"	SS100	7/8	5.0	0.28	200	600	55-166	12188	364
6 3/4"	SS150	4/5	6.2	0.49	300	600	147-294	8835	370
6 3/4"	SSS100	7/8	5.0	0.29	200	600	58-174	15550	459
7"	SSS50	7/8	3.2	0.18	350	750	63-135	16600	373
7"	SSS100	7/8	6.1	0.25	300	700	75-175	19425	544
7"	SSS120	7/8	6.8	0.35	350	750	122-262	18200	832
7"	SSS150	5/6	9.0	0.60	350	750	210-450	16000	1237
8"	SS100	7/8	4.0	0.16	400	900	66-149	16540	403
8"	SSS50	7/8	2.0	0.09	400	900	35-79	15900	191
9 5/8"	SS100 LF	7/8	4.0	0.16	400	900	66-149	16540	403
9 5/8"	SSS100	7/8	4.8	0.105	600	1200	63-126	40650	750
12"	SSS100	7/8	4.8	0.105	600	1200	63-126	40650	750

