

INTREPID
INTREPID

INTERCEPTOR™

HIGH PERFORMANCE
PDM BROCHURE



INTREPID

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POWER SECTIONS

MOTOR SIZE	Tomahawk	GyroDrill	LOBES	STAGES	STATOR LENGTH (IN.)	FLOW RATE (GPM)	BIT SPEED (REV/MIN)	REV/GAL	MAX DIFF (PSI)	STALL DIFF (PSI)	TORQUE AT MAX DIFF PRESSURE (FT-LB)	STALL TORQUE (FT-LB)	TORQUE SLOPE (FT-LB/PSI)
4 3/4"		X	5/6	8.3	243	100 - 300	100 - 300	1.000	1,960	3,080	4,980	7,840	2.55
		X	7/8	2.6	229	150 - 300	40 - 80	0.260	620	970	5,770	9,090	9.44
	X	X	7/8	3.8	187	150 - 250	78 - 140	0.521	860	1,280	4,450	6,670	5.20
5"	X	X	6/7	8.0	246	150 - 350	122 - 284	0.810	1,800	2,700	5,720	8,580	3.18
	X	X	6/7	10.0	275	150 - 350	130 - 290	0.840	2,350	3,710	6,940	10,920	2.95
	X		5/6	6.7	250	150 - 350	90 - 220	0.630	1,580	2,480	6,330	9,970	4.02
	X		6/7	8.8	275	150 - 400	102 - 272	0.680	2,240	3,360	8,014	12,432	3.70
	X		7/8	8.2	250	150 - 350	105 - 245	0.700	1,850	2,770	6,700	10,050	3.63
	X		7/8	3.7	235	150 - 350	55 - 129	0.368	830	1,250	5,750	8,620	6.90
	X		7/8	5.0	198	100 - 275	64 - 177	0.642	1,130	1,690	4,460	6,680	3.96
5 5/8" x 5 1/4"	X	X	5/6	9.9	275	250 - 450	180 - 320	0.700	2,330	3,670	8,260	13,010	3.55
5 3/4"	X		6/7	11.5	280	150 - 450	105 - 320	0.700	2,590	3,880	9,520	14,280	3.68
	X		9/10	11.0	280	150 - 425	75 - 220	0.500	2,480	3,710	12,240	18,370	4.95
6 1/2"	X		7/8	5.0	195	300 - 600	86 - 173	0.288	1,130	1,690	10,460	15,690	9.30
		X	6/7	5.0	200	300 - 600	87 - 180	0.292	1,130	1,690	9,350	14,030	8.31
		X	7/8	3.3	245	300 - 600	42 - 84	0.140	740	1,110	14,110	21,160	19.00
	X	X	7/8	5.7	260	300 - 600	73 - 157	0.242	1,280	1,920	13,720	20,580	10.70
6 3/4"	X		7/8	3.0	204	300 - 600	46 - 93	0.155	680	1,010	10,800	16,200	16.00
		X	4/5	7.0	210	300 - 600	149 - 300	0.497	1,580	2,360	9,090	13,630	5.77
	X		7/8	5.0	195	300 - 600	86 - 173	0.288	1,130	1,690	10,460	15,690	9.30
		X	6/7	5.0	200	300 - 600	87 - 180	0.292	1,130	1,690	9,350	14,030	8.31
		X	7/8	3.3	245	300 - 600	42 - 84	0.140	740	1,110	14,110	21,160	19.00
	X	X	7/8	5.7	260	300 - 600	73 - 157	0.242	1,280	1,920	13,720	20,580	10.70
7"		X	6/7	6.5	275	400 - 750	90 - 170	0.230	1,530	2,410	16,680	26,280	10.92
		X	5/6	8.3	260	350 - 750	130 - 290	0.380	1,960	3,080	13,030	20,530	6.68
	X		5/6	8.2	246	300 - 700	128 - 298	0.426	1,850	2,770	11,270	16,910	6.11
	X		5/6	8.4	275	350 - 700	123 - 245	0.350	1,785	2,678	11,771	17,660	6.59
	X		7/8	6.9	275	300 - 700	75 - 175	0.250	1,960	2,940	19,010	28,515	9.70
	X		7/8	8.5	300	400 - 750	104 - 195	0.260	1,910	2,870	18,710	28,060	9.78
	X		8/9	4.3	275	400 - 700	58 - 102	0.150	1,297	2,100	22,828	36,960	17.60
	X		6/7	12.1	300	350 - 750	140 - 300	0.400	2,720	4,080	17,530	26,300	6.44
7 1/4"	X		7/8	6.9	275	300 - 700	75 - 175	0.250	1,960	2,940	19,010	28,515	9.70
	X		8/9	4.3	275	400 - 700	58 - 102	0.150	1,297	2,100	22,828	36,960	17.60
8"	X	X	7/8	4.0	203	400 - 900	66 - 150	0.166	900	1,350	14,930	22,400	16.59
	X	X	7/8	5.9	300	400 - 900	60 - 135	0.150	1,330	1,990	22,020	33,030	16.59
	X	X	4/5	5.3	228	400 - 900	101 - 230	0.253	1,190	1,790	13,310	19,970	11.16
		X	7/8	3.4	300	400 - 900	36 - 80	0.090	770	1,150	21,450	32,180	28.04
9 5/8" x 8"	X	X	7/8	4.0	203	400 - 900	66 - 150	0.166	900	1,350	14,930	22,400	16.59
	X	X	7/8	5.9	300	400 - 900	60 - 135	0.150	1,330	1,990	22,020	33,030	16.59
	X	X	4/5	5.3	228	400 - 900	101 - 230	0.253	1,190	1,790	13,310	19,970	11.16
		X	7/8	3.4	300	400 - 900	36 - 80	0.090	770	1,150	21,450	32,180	28.04
9 5/8"		X	7/8	6.5	300	700 - 1200	79 - 140	0.113	980	1,460	22,500	33,750	23.10
		X	3/4	6.0	228	600 - 1200	133 - 265	0.221	900	1,350	11,480	17,210	12.75