

Motor Size (Outside Diameter)	inch	3-3/4"	3-3/4"	3-3/4"	3-3/4" Air	3-3/4" SR	3-3/4" SE	4-3/4"	4-3/4" SE	4-3/4"	4-3/4" TH	4-3/4" XT	4-3/4" TH
	mm	95	95	95	95	95	95	121	121	121	121	121	121
Lobe Ratio		1:2	4:5	7:8	7:8	7:8	7:8	1:2	1:2	4:5	4:5	4:5	6:7
Number of Stages		4.4	3.5	2.3	2.3	3.5	6.7	3.0	7.6	3.5	3.6	6.0	2.5
Length	ft in	21' 3"	16' 9"	16' 9"	16' 9"	11' 7"	20' 6"	19' 8"	25' 2"	16' 6"	23' 6"	22' 4"	28'
	meter	6.48	5.11	5.11	5.11	3.53	6.25	5.99	7.67	5.03	7.16	6.81	8.53
Weight	lbs	550	510	530	530	440	650	825	950	700	1,015	975	1,130
	kg	249	231	240	240	200	295	374	431	318	460	442	513
Maximum Flow Rate	gpm	140	160	160	N/A	160	160	200	200	275	300	275	325
	lpm	530	606	606	N/A	606	606	757	757	1,041	1,136	1,041	1,230
Speed Ratio	rev/gal	4.21	1.61	0.88	0.88	1.90	1.64	2.30	3.24	1.03	1.06	1.03	0.45
	rev/liter	1.11	0.43	0.23	0.23	0.50	0.43	0.61	0.86	0.27	0.26	0.27	0.11
Maximum RPM (off bottom)	rpm	630	260	155	150	380	262	460	810	330	320	330	146
Max. Rec. Diff. Press. (Standard Rubber)	psi	480	410	240	235	440	975	310	860	405	N/A	775	N/A
	kPa	3,309	2,826	1,654	1,620	3,033	6,722	2,137	5,929	2,792	N/A	5,343	N/A
Max. Rec. Diff. Press. (Premium Rubber)	psi	620	520	290	290	560	1,225	390	1,075	505	900	975	600
	kPa	4,274	3,585	1,999	1,999	3,861	8,446	2,688	7,411	3,481	6,205	6,722	4,136
Optimum Diff. Press. (Standard Rubber)	psi	100 - 400	100 - 320	100 - 200	100 - 200	100 - 310	100 - 750	100 - 275	100 - 650	100 - 345	N/A	100 - 600	N/A
	kPa	690 - 2,757	690 - 2,206	690 - 1,378	690 - 1,378	690 - 2,137	690 - 5,171	690 - 1,896	690 - 4,481	690 - 2,378	N/A	690 - 4,136	N/A
Optimum Diff. Press. (Premium Rubber)	psi	100 - 530	100 - 450	100 - 250	100 - 275	100 - 470	100 - 1,175	100 - 350	100 - 1,000	100 - 450	100 - 850	100 - 900	100 - 550
	kPa	690 - 3,654	690 - 3,102	690 - 1,723	690 - 1,896	690 - 3,240	690 - 8,101	690 - 2,344	690 - 6,894	690 - 3,102	690 - 5,860	690 - 6,205	690 - 3,792
Maximum Recommended Bit Pressure Drop	psi	500	500	500	500	500	500	750	750	750	750	750	750
	kPa	3,447	3,447	3,447	3,447	3,447	3,447	5,171	5,171	5,171	5,171	5,171	5,171
Full Load Torque (Standard Rubber)	ft-lbs	345	720	680	700	625	1,600	405	800	1,120	N/A	2,100	N/A
	Nm	467	976	922	949	847	2,169	549	1,085	1,519	N/A	2,847	N/A
Full Load Torque (Premium Rubber)	ft-lbs	440	900	870	900	780	2,000	500	1,000	1,400	2,750	2,600	3,400
	Nm	597	1,220	1,180	1,220	1,058	2,712	678	1,356	1,898	3,729	3,525	4,610
Torque to Differential Pressure Ratio	ft-lbs/psi	0.71	1.73	3.00	3.10	1.39	1.63	1.28	0.93	2.77	3.06	2.67	5.67
	Nm/kPa	0.14	0.34	0.59	0.61	0.27	0.32	0.25	0.18	0.55	0.60	0.52	1.11
Maximum Recommended WOB	lbs	15,000	15,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000	20,000	20,000
	daN	6,672	6,672	6,672	6,672	6,672	6,672	8,896	8,896	8,896	8,896	8,896	8,896
Overpull To Yield Motor	lbs	90,000	90,000	90,000	90,000	90,000	90,000	120,000	120,000	120,000	120,000	120,000	120,000
	daN	40,034	40,034	40,034	40,034	40,034	40,034	53,378	53,378	53,378	53,378	53,378	53,378
Recommended Hole Size	inch	4-3/4 - 5-7/8"	4-3/4 - 5-7/8"	4-3/4 - 5-7/8"	4-3/4 - 5-7/8"	4-3/4 - 5-7/8"	4-3/4 - 5-7/8"	5-7/8 - 7-7/8"	5-7/8 - 7-7/8"	5-7/8 - 7-7/8"	5-7/8 - 7-7/8"	5-7/8 - 7-7/8"	5-7/8 - 7-7/8"
	mm	121 - 149	121 - 149	121 - 149	121 - 149	121 - 149	121 - 149	149 - 200	149 - 200	149 - 200	149 - 200	149 - 200	149 - 200

Motor Size (Outside Diameter)	inch	4-3/4" SR	4-3/4" Air	4-3/4"	4-3/4" SE	4-3/4" TH	4-3/4" XT	6-1/4" XT	6-1/2"	6-1/2"	6-1/2" XT	6-1/2" TH	6-1/2" TH
	mm	121	121	121	121	121	121	159	165	165	165	165	165
Lobe Ratio		7:8	7:8	7:8	7:8	7:8	7:8	7:8	1:2	4:5	4:5	6:7	6:7
Number of Stages		2.0	2.0	2.2	3.1	3.8	3.8	4.8	3.0	4.8	7.0	2.2	2.7
Length	ft in	13' 2"	20' 7"	17' 5"	26' 7"	23'	23' 4"	27' 8"	23'	21'	26' 8"	25' 8"	28' 5"
	meter	4.01	6.27	5.31	8.10	7.01	7.11	8.43	7.01	6.40	8.13	7.82	8.66
Weight	lbs	700	975	700	1,200	865	1,000	1,600	1,700	1,600	2,000	1,900	2,150
	kg	318	442	318	544	392	454	726	771	726	907	862	975
Maximum Flow Rate	gpm	275	N/A	275	275	250	275	400	500	600	600	500	500
	lpm	1,041	N/A	1,041	1,041	946	1,041	1,514	1,893	2,271	2,271	1,893	1,893
Speed Ratio	rev/gal	0.33	0.33	0.54	0.33	0.58	0.58	0.34	0.97	0.50	0.50	0.22	0.22
	rev/liter	0.09	0.09	0.14	0.09	0.15	0.15	0.09	0.26	0.13	0.13	0.06	0.06
Maximum RPM (off bottom)	rpm	280	90	175	90	130	190	170	575	300	300	117	112
Max. Rec. Diff. Press. (Standard Rubber)	psi	190	215	245	400	N/A	475	650	290	575	900	N/A	N/A
	kPa	1,310	1,482	1,689	2,758	N/A	3,275	4,482	1,999	3,964	6,205	N/A	N/A
Max. Rec. Diff. Press. (Premium Rubber)	psi	240	270	305	500	950	585	820	480	720	1,120	650	700
	kPa	1,655	1,862	2,103	3,447	6,550	4,033	5,654	3,309	4,964	7,722	4,482	4,826
Optimum Diff. Press. (Standard Rubber)	psi	100 - 150	50 - 190	100 - 200	100 - 300	N/A	100 - 400	100 - 575	100 - 225	100 - 450	100 - 750	N/A	N/A
	kPa	690 - 1,034	345 - 1,310	690 - 1,379	690 - 2,068	N/A	690 - 2,758	690 - 3,964	690 - 1,551	690 - 3,103	690 - 5,171	N/A	N/A
Optimum Diff. Press. (Premium Rubber)	psi	100 - 200	50 - 250	100 - 250	100 - 450	100 - 850	100 - 525	100 - 775	100 - 300	100 - 650	100 - 1,050	550	600
	kPa	690 - 1,379	345 - 1,724	690 - 1,724	690 - 3,103	690 - 5,861	690 - 3,620	690 - 5,343	690 - 2,068	690 - 4,482	690 - 7,239	3,792	4,137
Maximum Recommended Bit Pressure Drop	psi	750	750	750	750	750	750	1,000	1,000	1,000	1,000	1,000	1,000
	kPa	5,171	5,171	5,171	5,171	5,171	5,171	6,895	6,895	6,895	6,895	6,895	6,895
Full Load Torque (Standard Rubber)	ft-lbs	490	1,725	1,190	3,300	N/A	2,100	5,000	1,000	3,250	5,100	N/A	N/A
	Nm	664	2,339	1,613	4,474	N/A	2,847	6,779	1,356	4,406	6,915	N/A	N/A
Full Load Torque (Premium Rubber)	ft-lbs	625	2,160	1,490	4,150	4,689	2,600	6,200	1,050	4,100	6,500	7,500	8,700
	Nm	847	2,929	2,020	5,627	6,357	3,525	8,406	1,424	5,559	8,813	10,169	11,796
Torque to Differential Pressure Ratio	ft-lbs/psi	2.60	8.00	4.89	8.30	4.94	4.44	7.56	2.19	5.69	5.80	11.54	12.43
	Nm/kPa	0.51	1.57	0.96	1.63	0.97	0.87	1.49	0.43	1.12	1.14	2.27	2.44
Maximum Recommended WOB	lbs	20,000	20,000	20,000	20,000	20,000	20,000	40,000	50,000	50,000	50,000	50,000	50,000
	daN	8,896	8,896	8,896	8,896	8,896	8,896	17,793	22,241	22,241	22,241	22,241	22,241
Overpull To Yield Motor	lbs	120,000	120,000	120,000	120,000	120,000	120,000	160,000	210,000	210,000	210,000	210,000	210,000
	daN	53,378	53,378	53,378	53,378	53,378	53,378	71,172	93,413	93,413	93,413	93,413	93,413
Recommended Hole Size	inch	5-7/8 - 7-7/8"	5-7/8 - 7-7/8"	5-7/8 - 7-7/8"	5-7/8 - 7-7/8"	5-7/8 - 7-7/8"	5-7/8 - 7-7/8"	7-7/8 - 8-3/4"	7-7/8 - 9-7/8"	7-7/8 - 9-7/8"	7-7/8 - 9-7/8"	7-7/8 - 9-7/8"	7-7/8 - 9-7/8"
	mm	149 - 200	149 - 200	149 - 200	149 - 200	149 - 200	149 - 200	200 - 222	200 - 251	200 - 251	200 - 251	200 - 251	200 - 251

Motor Size (Outside Diameter)	inch	6-1/2" TH	6-1/2"	6-1/2" Air	6-1/2"	6-1/2" SE	6-1/2" Air	6-1/2" XT	6-1/2" SE	6-1/2"	6-3/4"	6-3/4"	6-3/4" XT
	mm	165	165	165	165	165	165	165	165	165	171	171	171
Lobe Ratio		6:7	7:8	7:8	7:8	7:8	7:8	7:8	7:8	8:9	1:2	4:5	4:5
Number of Stages		3.1	2.0	2.0	3.0	3.3	3.3	5.0	6.4	3.0	3.0	4.8	7.0
Length	ft in	19' 11"	22'	23' 4"	21'	29' 8"	29' 8"	25' 5"	29' 8"	19'	23'	21'	26' 8"
	meter	6.07	6.71	7.11	6.40	9.04	9.04	7.75	9.04	5.79	7.01	6.40	8.13
Weight	lbs	1,500	1,790	2,050	1,600	2,400	2,660	2,050	2,600	1,600	1,900	1,785	2,240
	kg	680	812	930	726	1,089	1,207	930	1,179	726	862	810	1,016
Maximum Flow Rate	gpm	650	600	N/A	600	600	N/A	600	600	400	500	600	600
	lpm	2,461	2,271	N/A	2,271	2,271	N/A	2,271	2,271	1,514	1,893	2,271	2,271
Speed Ratio	rev/gal	0.37	0.14	0.14	0.28	0.14	0.14	0.28	0.28	0.24	0.97	0.50	0.50
	rev/liter	0.10	0.04	0.04	0.07	0.04	0.04	0.07	0.07	0.06	0.26	0.13	0.13
Maximum RPM (off bottom)	rpm	240	90	90	170	85	100	168	168	122	580	300	300
Max. Rec. Diff. Press. (Standard Rubber)	psi	N/A	212	190	360	410	420	680	900	410	290	575	900
	kPa	N/A	1,462	1,310	2,482	2,827	2,896	4,688	6,205	2,827	1,999	3,964	6,205
Max. Rec. Diff. Press. (Premium Rubber)	psi	800	275	240	450	510	520	850	1,125	510	480	720	1,120
	kPa	5,516	1,896	1,655	3,103	3,516	3,585	5,861	7,757	3,516	3,309	4,964	7,722
Optimum Diff. Press. (Standard Rubber)	psi	N/A	100 - 150	50 - 170	100 - 300	100 - 310	100 - 375	100 - 575	100 - 700	100 - 310	100 - 225	100 - 450	100 - 750
	kPa	N/A	690 - 1,034	345 - 1,172	690 - 2,068	690 - 2,137	690 - 2,586	690 - 3,964	690 - 4,826	690 - 2,137	690 - 1,551	690 - 3,103	690 - 5,171
Optimum Diff. Press. (Premium Rubber)	psi	700	100 - 225	50 - 210	100 - 425	100 - 475	100 - 480	100 - 800	100 - 1,050	100 - 470	100 - 300	100 - 650	100 - 1,050
	kPa	4,826	690 - 1,551	345 - 1,448	690 - 2,930	690 - 3,275	690 - 3,309	690 - 5,516	690 - 7,239	690 - 3,241	690 - 2,068	690 - 4,482	690 - 7,239
Maximum Recommended Bit Pressure Drop	psi	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	kPa	6,895	6,895	6,895	6,895	6,895	6,895	6,895	6,895	6,895	6,895	6,895	6,895
Full Load Torque (Standard Rubber)	ft-lbs	N/A	3,250	3,500	3,300	7,800	7,800	6,400	8,500	4,400	860	3,250	5,100
	Nm	N/A	4,406	4,745	4,474	10,575	10,575	8,677	11,524	5,966	1,166	4,406	6,915
Full Load Torque (Premium Rubber)	ft-lbs	6,100	4,000	4,500	4,200	9,700	9,800	8,000	10,500	5,500	1,100	4,100	6,500
	Nm	8,270	5,423	6,101	5,694	13,151	13,287	10,847	14,236	7,457	1,491	5,559	8,813
Torque to Differential Pressure Ratio	ft-lbs/psi	7.63	14.55	18.75	9.33	19.02	18.85	9.41	9.33	10.78	2.29	5.69	5.80
	Nm/kPa	1.50	2.86	3.69	1.84	3.74	3.71	1.85	1.84	2.12	0.04	1.40	1.14
Maximum Recommended WOB	lbs	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
	daN	22,241	22,241	22,241	22,241	22,241	22,241	22,241	22,241	22,241	22,241	22,241	22,241
Overpull To Yield Motor	lbs	210,000	210,000	210,000	210,000	210,000	210,000	210,000	210,000	210,000	210,000	210,000	210,000
	daN	93,413	93,413	93,413	93,413	93,413	93,413	93,413	93,413	93,413	93,413	93,413	93,413
Recommended Hole Size	inch	7-7/8 - 9-7/8"	7-7/8 - 9-7/8"	7-7/8 - 9-7/8"	7-7/8 - 9-7/8"	7-7/8 - 9-7/8"	7-7/8 - 9-7/8"	7-7/8 - 9-7/8"	7-7/8 - 9-7/8"	7-7/8 - 9-7/8"	8-1/2 - 9-7/8"	8-1/2 - 9-7/8"	8-1/2 - 9-7/8"
	mm	200 - 251	200 - 251	200 - 251	200 - 251	200 - 251	200 - 251	200 - 251	200 - 251	200 - 251	216 - 251	216 - 251	216 - 251

MOTOR SPECIFICATIONS SUMMARY TABLE

Motor Size (Outside Diameter)	inch	6-3/4" Air	6-3/4"	6-3/4" SE	6-3/4" Air	6-3/4" XT	6-3/4" SE	6-3/4"	7-1/4" SE	7-3/4" XT	7-3/4"	7-3/4" XT	7-3/4"
	mm	171	171	171	171	171	171	171	184	197	197	197	197
Lobe Ratio		7:8	7:8	7:8	7:8	7:8	7:8	8:9	7:8	4:5	7:8	7:8	9:10
Number of Stages		2.0	3.0	3.3	3.3	5.0	6.4	3.0	7.7	5.3	3.0	4.0	3.0
Length	ft in	23' 4"	21'	29' 8"	29' 8"	25' 5"	29' 8"	19'	33' 6"	31'	25' 5"	29'	21' 3"
	meter	7.11	6.40	9.04	9.04	7.75	9.04	5.79	10.21	9.45	7.75	8.84	6.48
Weight	lbs	2,260	1,750	2,600	2,930	2,270	2,800	1,770	2,800	3,725	3,250	3,675	3,050
	kg	1,025	794	1,179	1,329	1,030	1,270	803	1,270	1,690	1,474	1,667	1,383
Maximum Flow Rate	gpm	N/A	600	600	N/A	600	600	400	600	900	900	900	600
	lpm	N/A	2,271	2,271	N/A	2,271	2,271	1,514	2,271	3,407	3,407	3,407	2,271
Speed Ratio	rev/gal	0.14	0.28	0.14	0.14	0.28	0.28	0.24	0.30	0.25	0.16	0.16	0.23
	rev/liter	0.04	0.07	0.04	0.04	0.07	0.07	0.06	0.08	0.07	0.04	0.04	0.06
Maximum RPM (off bottom)	rpm	90	170	85	100	168	168	122	230	250	162	160	138
Max. Rec. Diff. Press. (Standard Rubber)	psi	190	360	410	420	680	900	410	1,125	640	330	470	360
	kPa	1,310	2,482	2,827	2,896	4,688	6,205	2,827	7,757	4,413	2,275	3,241	2,482
Max. Rec. Diff. Press. (Premium Rubber)	psi	240	450	510	520	850	1,125	510	1,450	790	420	600	450
	kPa	1,655	3,103	3,516	3,585	5,861	7,757	3,516	9,997	5,447	2,896	4,137	3,103
Optimum Diff. Press. (Standard Rubber)	psi	50 - 170	100 - 300	100 - 310	100 - 375	100 - 575	100 - 700	100 - 310	100 - 850	100 - 550	100 - 250	100 - 350	100 - 280
	kPa	345 - 1,172	690 - 2,068	690 - 2,137	690 - 2,586	690 - 3,964	690 - 4,826	690 - 2,137	690 - 5,861	690 - 3,792	690 - 1,724	690 - 2,413	690 - 1,931
Optimum Diff. Press. (Premium Rubber)	psi	50 - 210	100 - 400	100 - 475	100 - 480	100 - 800	100 - 1,050	100 - 470	100 - 1,300	100 - 750	100 - 370	100 - 550	100 - 425
	kPa	345 - 1,448	690 - 2,758	690 - 3,275	690 - 3,309	690 - 5,516	690 - 7,239	690 - 3,241	690 - 8,963	690 - 5,171	690 - 2,551	690 - 3,792	690 - 2,930
Maximum Recommended Bit Pressure Drop	psi	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	kPa	6,895	6,895	6,895	6,895	6,895	6,895	6,895	6,895	6,895	6,895	6,895	6,895
Full Load Torque (Standard Rubber)	ft-lbs	3,500	3,300	7,800	7,800	6,400	8,500	4,400	9,600	7,100	5,200	7,800	4,000
	Nm	4,745	4,474	10,575	10,575	8,677	11,524	5,966	13,016	9,626	7,050	10,575	5,423
Full Load Torque (Premium Rubber)	ft-lbs	4,500	4,200	9,700	9,800	8,000	10,500	5,500	12,200	8,800	6,800	10,000	5,000
	Nm	6,101	5,694	13,151	13,287	10,847	14,236	7,457	16,541	11,931	9,220	13,558	6,779
Torque to Differential Pressure Ratio	ft-lbs/psi	18.75	9.33	19.02	18.85	9.41	9.33	10.78	8.41	11.14	16.19	16.67	11.11
	Nm/kPa	3.69	1.83	3.74	3.71	1.85	1.84	2.12	1.65	2.19	3.18	3.28	2.18
Maximum Recommended WOB	lbs	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	65,000	65,000	65,000	65,000
	daN	22,241	22,241	22,241	22,241	22,241	22,241	22,241	22,241	28,913	28,913	28,913	28,913
Overpull To Yield Motor	lbs	210,000	210,000	210,000	210,000	210,000	210,000	210,000	220,000	240,000	240,000	240,000	240,000
	daN	93,413	93,413	93,413	93,413	93,413	93,413	93,413	97,861	106,757	106,757	106,757	106,757
Recommended Hole Size	inch	8-1/2 - 9-7/8"	8-1/2 - 9-7/8"	8-1/2 - 9-7/8"	8-1/2 - 9-7/8"	8-1/2 - 9-7/8"	8-1/2 - 9-7/8"	8-1/2 - 9-7/8"	8-1/2 - 9-7/8"	9-1/2 - 12-1/2"	9-1/2 - 12-1/2"	9-1/2 - 12-1/2"	9-1/2 - 12-1/2"
	mm	216 - 251	216 - 251	216 - 251	216 - 251	216 - 251	216 - 251	216 - 251	216 - 251	241 - 318	241 - 318	241 - 318	241 - 318

MOTOR SPECIFICATIONS SUMMARY TABLE

Motor Size (Outside Diameter)	inch	8" XT	8"	8"XT	8"	9-5/8"	9-5/8"	9-5/8" XT	9-5/8"	9-5/8" SE	9-5/8"
	mm	203	203	203	203	244	244	244	244	244	244
Lobe Ratio		4:5	7:8	7:8	9:10	1:2	3:4	3:4	5:6	7:8	9:10
Number of Stages		5.3	3.0	4.0	3.0	4.0	4.5	6.0	3.0	5.7	3.0
Length	ft in	31'	25' 5"	29'	21' 3"	25' 6"	29'	34'	29'	35'	23' 4"
	meter	9.45	7.75	8.84	6.48	7.77	8.84	10.36	8.84	10.67	7.11
Weight	lbs	4,050	3,450	3,710	3,275	4,200	4,900	5,840	5,350	6,400	4,200
	kg	1,837	1,565	1,683	1,486	1,905	2,223	2,649	2,427	2,903	1,905
Maximum Flow Rate	gpm	900	900	900	600	800	1,200	1,200	1,200	1,200	800
	lpm	3,407	3,407	3,407	2,271	3,028	4,542	4,542	4,542	4,542	3,028
Speed Ratio	rev/gal	0.25	0.16	0.16	0.23	0.49	0.23	0.23	0.11	0.12	0.17
	rev/liter	0.07	0.04	0.04	0.06	0.13	0.06	0.06	0.03	0.03	0.04
Maximum RPM (off bottom)	rpm	250	162	160	138	390	340	340	166	186	128
Max. Rec. Diff. Press. (Standard Rubber)	psi	640	330	470	360	360	470	675	285	720	450
	kPa	4,413	2,275	3,241	2,482	2,482	3,241	4,654	1,965	4,964	3,103
Max. Rec. Diff. Press. (Premium Rubber)	psi	790	420	600	450	450	600	850	370	920	550
	kPa	5,447	2,896	4,137	3,103	3,103	4,137	5,861	2,551	6,343	3,792
Optimum Diff. Press. (Standard Rubber)	psi	100 - 550	100 - 250	100 - 350	100 - 280	100 - 300	100 - 400	100 - 550	100 - 225	100 - 600	100 - 350
	kPa	690 - 3,792	690 - 1,724	690 - 2,413	690 - 1,931	690 - 2,068	690 - 2,758	690 - 3,792	690 - 1,551	690 - 4,137	690 - 2,413
Optimum Diff. Press. (Premium Rubber)	psi	100 - 750	100 - 370	100 - 550	100 - 425	100 - 425	100 - 550	100 - 775	100 - 330	100 - 850	100 - 500
	kPa	690 - 5,171	690 - 2,551	690 - 3,792	690 - 2,930	690 - 2,930	690 - 3,792	690 - 5,343	690 - 2,275	690 - 5,861	690 - 3,447
Maximum Recommended Bit Pressure Drop	psi	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	kPa	6,895	6,895	6,895	6,895	6,895	6,895	6,895	6,895	6,895	6,895
Full Load Torque (Standard Rubber)	ft-lbs	7,100	5,200	7,800	4,000	2,220	6,100	8,700	7,100	15,600	6,900
	Nm	9,626	7,050	10,575	5,423	3,010	8,270	11,796	9,626	21,151	9,355
Full Load Torque (Premium Rubber)	ft-lbs	8,800	6,800	10,000	5,000	2,800	7,800	11,000	9,200	19,900	8,400
	Nm	11,931	9,220	13,558	6,779	3,796	10,575	14,914	12,474	26,981	11,389
Torque to Differential Pressure Ratio	ft-lbs/psi	11.14	16.19	16.67	11.11	6.22	13.00	12.94	24.86	21.63	15.27
	Nm/kPa	2.19	3.18	3.28	2.18	1.22	2.56	2.55	4.89	4.25	3.00
Maximum Recommended WOB	lbs	65,000	65,000	65,000	65,000	100,000	100,000	100,000	100,000	100,000	100,000
	daN	28,913	28,913	28,913	28,913	44,482	44,482	44,482	44,482	44,482	44,482
Overpull To Yield Motor	lbs	240,000	240,000	240,000	240,000	490,000	490,000	490,000	490,000	490,000	490,000
	daN	106,757	106,757	106,757	106,757	217,963	217,963	217,963	217,963	217,963	217,963
Recommended Hole Size	inch	9-1/2 - 12-1/2"	9-1/2 - 12-1/2"	9-1/2 - 12-1/2"	9-1/2 - 12-1/2"	12-1/4" - 26"	12-1/4" - 26"	12-1/4" - 26"	12-1/4" - 26"	12-1/4" - 26"	12-1/4" - 26"
	mm	241 - 318	241 - 318	241 - 318	241 - 318	311 - 660	311 - 660	311 - 660	311 - 660	311 - 660	311 - 660