

Size (in)	Model	Name	Power Section Performance					
			Flow Range (gpm)	Bit Speed Range (rpm)	Speed Ratio (rev/US gal)	Max Diff. Pressure (psi)	Max Op. Torque (ft-lbs)	Torque Slope (ft-lbs/psi)
5.00"	6/7 Lobe 7.8 Stage	5.00" Jaw-Clutch 6/7 Lobe 7.8 Stage (Dyna-Drill NBR-HR)	200-400	120-240	0.60	1,760	7,530	4,293
5.00"	6/7 Lobe 10.0 Stage	5.00" Jaw-Clutch 6/7 Lobe 10.0 Stage (Abaco NBR-HPW)	150-350	130-290	0.84	2,350	6,940	2,95
5.00"	6/7 Lobe 10.0 Stage	5.00" Jaw-Clutch 6/7 Lobe 10.0 Stage (Dyna-Drill XP)	150-350	131-305	0.87	2,500	7,400	2,95
5.00"	7/8 Lobe 3.7 Stage	5.00" Jaw-Clutch 7/8 Lobe 10.0 Stage (Dyna-Drill XP)	150-350	55-129	0.368	930	6,380	6,901
5.00"	7/8 Lobe 4.5 Stage	5.00" Jaw-Clutch 7/8 Lobe 4.5 Stage (Dyna-Drill XP)	150-300	69-139	0.463	1,130	5,830	5,185
5.00"	7/8 Lobe 7.0 Stage	5.00" Jaw-Clutch 7/8 Lobe 7.0 Stage (PV HS88)	150-400	73-194	0.49	1,613	8,699	5,39
5.00"	7/8 Lobe 8.2 Stage	5.00" Jaw-Clutch 7/8 Lobe 8.2 Stage (Dyna-Drill XP)	150-350	106-245	0.70	2,050	7,440	3,631
5.25"	6/7 Lobe 8.8 Stage	5.25" Flex Shaft 6/7 Lobe 8.8 Stage (PV HS88)	150-400	101-271	0.68	2,024	7,479	3,695
5.25"	6/7 Lobe 10.0 Stage	5.25" Flex Shaft 6/7 Lobe 10.0 Stage (Abaco NBR-HPW)	150-350	130-290	0.84	2,350	6,940	2,95
5.25"	6/7 Lobe 10.0 Stage	5.25" Flex Shaft 6/7 Lobe 10.0 Stage (Abaco HPT-OptiFit)	150-350	130-290	0.84	2,000	5,900	2,95
5.25"	6/7 Lobe 11.7 Stage	5.25" Flex Shaft 6/7 Lobe 11.7 Stage (PV HS88)	150-350	135-315	0.90	2,704	7,328	2,71
5.25"	7/8 Lobe 7.0 Stage	5.25" Flex Shaft 7/8 Lobe 7.0 Stage (PV HS88)	150-400	73-194	0.49	1,613	8,699	5,39
5.75"	0.58 Rev/Gallon	5.75" Flex Shaft 0.58 Rev/Gallon (PV HS88)	200-450	115-260	0.58	2,776	11,706	4,217
5.75"	0.72 Rev/Gallon	5.75" Flex Shaft 0.72 Rev/Gallon (PV HS88)	200-450	143-322	0.72	2,846	9,457	3,323
6.63"	5/6 Lobe 8.4 Stage	6.63" Jaw-Clutch 5/6 Lobe 8.4 Stage (PV HS88)	350-700	123-246	0.35	1,643	11,324	6,892
6.63"	7/8 Lobe 5.0 Stage	6.63" Jaw-Clutch 7/8 Lobe 5.0 Stage (PV HS88)	300-600	84-168	0.28	1,279	12,813	9,02
6.63"	7/8 Lobe 6.4 Stage	6.63" Jaw-Clutch 7/8 Lobe 6.4 Stage (PV HS88)	300-600	84-168	0.28	1,601	15,639	9,02
6.63"	7/8 Lobe 6.9 Stage	6.63" Jaw-Clutch 7/8 Lobe 6.9 Stage (PV HS88)	300-700	74-172	0.25	1,741	17,575	10,095
6.63"	5/6 Lobe 8.4 Stage	6.63" Flex Shaft 5/6 Lobe 8.4 Stage (PV HS88)	350-700	123-246	0.35	1,643	11,324	6,892
6.63"	7/8 Lobe 5.0 Stage	6.63" Flex Shaft 7/8 Lobe 5.0 Stage (PV HS88)	300-600	84-168	0.28	1,279	12,813	9,02
6.63"	7/8 Lobe 6.4 Stage	6.63" Flex Shaft 7/8 Lobe 6.4 Stage (PV HS88)	300-600	84-168	0.28	1,601	15,639	9,02
6.63"	7/8 Lobe 6.9 Stage	6.63" Flex Shaft 7/8 Lobe 6.9 Stage (PV HS88)	300-700	74-172	0.25	1,741	17,575	10,095
7.00"	5/6 Lobe 8.2 Stage	7.00" Jaw-Clutch 5/6 Lobe 8.2 Stage (PV HS88)	300-600	123-246	0.41	1,602	9,436	5,708
7.00"	5/6 Lobe 8.4 Stage	7.00" Jaw-Clutch 5/6 Lobe 8.4 Stage (PV HS88)	350-700	123-246	0.35	1,643	11,324	6,892
7.00"	5/6 Lobe 9.4 Stage	7.00" Jaw-Clutch 5/6 Lobe 9.4 Stage (PV HS88)	300-700	119-246	0.40	1,643	11,324	5,965
7.00"	6/7 Lobe 6.5 Stage	7.00" Jaw-Clutch 6/7 Lobe 6.5 Stage (Abaco NBR-HPW)	400-750	90-170	0.230	1,530	16,680	10,92
7.00"	7/8 Lobe 5.0 Stage	7.00" Jaw-Clutch 7/8 Lobe 5.0 Stage (PV HS88)	300-600	84-168	0.28	1,279	12,813	9,005
7.00"	7/8 Lobe 6.9 Stage	7.00" Jaw-Clutch 7/8 Lobe 6.9 Stage (PV HS88)	300-700	74-172	0.25	1,741	17,575	10,095
7.00"	7/8 Lobe 8.5 Stage	7.00" Jaw-Clutch 7/8 Lobe 8.5 Stage (Dyna-Drill NBR-XP)	400-750	100-180	0.240	2,130	20,790	9,78
7.00"	0.31 RPG	7.00" SBTB Jaw-Clutch 0.31 RPG (PV HS88)	300-700	94-219	0.31	1,871	14,773	7,895



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Size (in)	Model	Name	Power Section Performance					
			Flow Range (gpm)	Bit Speed Range (rpm)	Speed Ratio (rev/US gal)	Max Diff. Pressure (psi)	Max Op. Torque (ft-lbs)	Torque Slope (ft-lbs/psi)
7.00"	CLAW 350	7.00" SBTB Jaw-Clutch CLAW 350	350-650	97-209	0.322	1,560	11,760	7.54
7.00"	CLAW 350XT	7.00" SBTB Jaw-Clutch CLAW 350XT	350-650	97-209	0.322	2,280	17,190	7.54
7.00"	5/6 Lobe 8.2 Stage	7.00" SBTB Jaw-Clutch 5/6 Lobe 8.2 Stage (PV HS88)	300-600	123-246	0.41	1,602	9,436	5.708
7.00"	5/6 Lobe 8.4 Stage	7.00" SBTB Jaw-Clutch 5/6 Lobe 8.4 Stage (PV HS88)	350-700	123-246	0.35	1,643	11,324	6.892
7.00"	5/6 Lobe 8.6 Stage	7.00" SBTB Jaw-Clutch 5/6 Lobe 8.6 Stage (Abaco HPW)	400-750	140-263	0.35	2,030	11,660	7.25
7.00"	5/6 Lobe 9.4 Stage	7.00" SBTB Jaw-Clutch 5/6 Lobe 9.4 Stage (PV HS88)	300-700	119-279	0.40	1,880	11,214	5.965
7.00"	6/7 Lobe 6.5 Stage	7.00" SBTB Jaw-Clutch 6/7 Lobe 6.5 Stage (Abaco NBR-HPW)	400-750	90-170	0.23	1,530	16,680	10.92
7.00"	6/7 Lobe 8.4 Stage	7.00" SBTB Jaw-Clutch 6/7 Lobe 8.4 Stage (Abaco NBR-HPW)	350-750	110-230	0.30	1,980	16,550	8.38
7.00"	7/8 Lobe 5.0 Stage	7.00" SBTB Jaw-Clutch 7/8 Lobe 5.0 Stage (PV HS88)	300-600	84-168	0.28	1,279	12,813	9.005
7.00"	7/8 Lobe 6.9 Stage	7.00" SBTB Jaw-Clutch 7/8 Lobe 6.9 Stage (PV HS88)	300-700	74-172	0.25	1,741	17,575	10.095
7.00"	7/8 Lobe 8.5 Stage	7.00" SBTB Jaw-Clutch 7/8 Lobe 8.5 Stage (Dyna-Drill XP)	400-750	100-180	0.24	2,130	20,790	9.78
7.25"	Proprietary 0.25 RPG	7.25" Flex Shaft Proprietary 0.25 RPG (PV HS88)	400-800	100-200	0.25	2,265	22,023	9.72
7.25"	Proprietary 0.35 RPG	7.25" Flex Shaft Proprietary 0.35 RPG (PV HS88)	350-750	122-262	0.35	2,700	18,017	6.67
7.25"	7/8 Lobe 6.9 Stage	7.25" Flex Shaft 7/8 Lobe 6.9 Stage (PV HS88)	300-700	74-172	0.25	1,741	17,575	10.095
7.25"	8/9 Lobe 4.3 Stage	7.25" Flex Shaft 8/9 Lobe 4.3 Stage (PV HS88)	400-700	58-102	0.15	1,143	20,118	17.601
8.00"	4/5 Lobe 5.3 Stage	8.00" Jaw-Clutch 4/5 Lobe 5.3 Stage (Abaco NBR-HPW)	400-950	70-230	0.24	1,250	13,620	10.93
8.00"	7/8 Lobe 3.4 Stage	8.00" Jaw-Clutch 7/8 Lobe 3.4 Stage (Abaco NBR-HPW)	400-900	30-80	0.09	800	22,530	28.19
8.00"	7/8 Lobe 4.0 Stage	8.00" Jaw-Clutch 7/8 Lobe 4.0 Stage (PV HS88)	400-900	66-150	0.16	1,120	17,121	16.046
8.00"	7/8 Lobe 5.9 Stage	8.00" Jaw-Clutch 7/8 Lobe 5.9 Stage (Dyna-Drill XP)	400-900	60-135	0.15	1,480	24,470	16.046
8.00" x 7.00" combo	7/8 Lobe 8.5 Stage	8.00" x 7.00" Combo Jaw-Clutch 7/8 Lobe 8.5 Stage (Abaco NBR-HPW)	400-750	100-187	0.25	2,000	19,540	9.78
8.00"	0.25 RPG Low Flow DuraTorque	8.00" Jaw-Clutch 0.25 RPG Low Flow DuraTorque	350-750	86-185	0.25	2,520	24,790	9.84
8.38"	Proprietary 0.13 RPG	8.38" Jaw-Clutch Proprietary 0.13 RPG (PV HS88)	450-1,100	59-143	0.13	1,483	28,373	19.132
8.38" reverse combo	7/8 Lobe 7.0 Stage	8.38" Reverse Combo Jaw-Clutch 7/8 Lobe 7.0 Stage (PV HS88)	400-900	72-162	0.18	1,902	26,204	13.78
8.75"	7/8 Lobe 7.0 Stage	8.75" Flex Shaft 7/8 Lobe 7.0 Stage (PV HS88)	400-1,100	72-198	0.18	1,902	26,204	13.78
8.75"	8/9 Lobe 4.0 Stage	8.75" Flex Shaft 8/9 Lobe 4.0 Stage (PV HS88)	600-1,100	54-99	0.09	978	27,815	28.44
9.63" x 8.00" combo	7/8 Lobe 5.9 Stage	9.63" x 8.00" Combo Jaw-Clutch 7/8 Lobe 5.9 Stage (Dyna-Drill XP)	400-900	60-135	0.15	1,480	24,470	16.046
9.63" x 8.75" combo	7/8 Lobe 7.0 Stage	9.63" x 8.75" Combo Jaw-Clutch 7/8 Lobe 7.0 Stage (PV HS88)	400-1,100	72-198	0.18	1,902	26,204	13.78
9.63"	0.10 RPG	9.63" Jaw-Clutch 0.10 RPG (PV HS88)	800-1,300	80-130	0.10	1,741	42,659	24.504
9.63"	6/7 Lobe 5.0 Stage	9.63" Jaw-Clutch 6/7 Lobe 5.0 Stage (Abaco NBR-HPW)	600-1,300	80-170	0.13	1,180	23,860	20.3