



POWER SECTION SPECIFICATION SUMMARY

9/12/2018

Size	Model	CONFIGURATION							PERFORMANCE						MAXIMUM RECOMMENDED OPERATING CONDITIONS						COMPATIBILITY				
		Tube OD/ID Inch		Stator Length Inch	Lobes	Stages	Speed Rev/Gal	Torque Slope ft-lb/psi	Max RPM	NBR			NBR-HPX			Weatherford	R & M	Dyna-Drill	Mono/PV	Roper					
									Pressure Diff psi	Torque ft-lb	Power hp	Pressure Diff psi	Torque ft-lb	Power hp											
1 11/16"	AT168562.3	1.69/1.38	60.00	5/6	2.3	9.250	0.29	370	350	110	10	550	160	10		X									
	AT168565.0	1.69/1.38	99.00	5/6	5.0	15.720	0.19	860	750	150	20	1180	230	40		X			X						
2 1/8"	AT212566.0	2.13/1.75	88.00	5/6	6.0	12.780	0.24	770	900	220	30	1410	340	50		X			X						
2 3/8"	AT237784.0	2.38/1.88	82.00	7/8	4.0	5.030	0.50	500	600	300	30	940	470	40					X						
2 7/8"	AT287454.0	2.88/2.38	105.63	4/5	4.0	2.950	0.91	500	600	550	50	940	860	80											
	AT287563.5	2.88/2.38	98.60	5/6	3.5	4.111	0.78	520	530	410	40	830	650	60	X	X									
	AT287564.7	2.88/2.38	105.63	5/6	4.7	3.320	0.75	500	710	530	50	1110	830	80		X	X		X						
	AT287567.0	2.88/2.38	117.00	5/6	7.0	5.420	0.47	600	1050	500	60	1650	780	90		X	X								
3 1/8"	AT312563.5	3.13/2.63	88.00	5/6	3.5	2.250	1.20	470	530	630	60	830	990	90					X						
	AT312565.0	3.13/2.63	106.00	5/6	5.0	2.644	1.04	560	750	780	80	1180	1230	130		X									
	AT312782.5	3.13/2.63	99.88	7/8	2.5	1.240	1.97	260	380	740	40	590	1160	60		X									
	AT312783.0	3.13/2.63	106.00	7/8	3.0	1.800	1.44	310	450	650	40	710	1020	60		X									
3 1/8"	AT337563.2	3.38/2.75	94.00	5/6	3.2	1.800	1.40	420	480	680	50	760	1060	80											
3 1/2"	AT350453.2	3.50/2.88	100.00	4/5	3.2	1.760	1.46	480	480	710	60	760	1100	100											
	AT350563.0	3.50/2.75	80.00	5/6	3.0	2.380	1.07	310	450	490	30	710	760	40		X	X								
4 3/4"	AT475456.0	4.75/3.75	187.00	4/5	6.0	1.010	2.57	300	900	2320	130	1410	3630	210	X	X	X	X	X						
	AT475456.3	4.75/3.75	207.00	4/5	6.3	1.010	2.57	250	950	2430	120	1490	3810	180	X	X	X	X							
	AT475459.7	4.75/3.88	235.00	4/5	9.7	1.460	1.82	470	1460	2650	240	2280	4150	370											
	AT475568.3	4.75/3.75	242.50	5/6	8.3	1.000	2.55	300	1250	3180	180	1960	4980	280		X	X		X						
	AT475782.0	4.75/3.75	180.00	7/8	2.0	0.450	7.30	110	300	2190	50	470	3440	70	X		X	X							
	AT475782.2 SLOW	4.75/3.75	198.00	7/8	2.2	0.310	7.91	80	330	2620	40	520	4090	60	X										
	AT475782.6 ESX	4.75/3.75	229.25	7/8	2.6	0.260	9.44	80	390	3690	60	620	5770	90			X								
	AT475782.9	4.75/3.75	250.00	7/8	2.9	0.306	8.03	80	440	3500	50	690	5480	80			X	X							
	AT475783.7	4.75/3.88	235.00	7/8	3.7	0.356	6.85	120	560	3810	90	870	5960	140	X										
	AT475783.8	4.75/3.75	187.00	7/8	3.8	0.540	4.62	140	570	2640	70	900	4130	110	X	X	X	X	X						
	AT475784.5 SX	4.75/3.75	229.25	7/8	4.5	0.463	5.19	140	680	3500	90	1060	5490	150			X								
	AT475785.0 RM	4.75/3.88	198.00	7/8	5.0	0.620	3.97	190	750	2980	110	1180	4670	170		X			X						
	AT475785.0 WF	4.75/3.88	198.00	7/8	5.0	0.620	3.97	190	750	2980	110	1180	4670	170	X				X						
AT475786.4	4.75/3.88	235.00	7/8	6.4	0.630	3.80	190	960	3650	130	1510	5720	210	X											



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		Tube OD/ID Inch		Stator Length Inch	Lobes	Stages	Speed Rev/Gal	Torque Slope ft-lb/psi	Max RPM	NBR			NBR-HPX			Weatherford	R & M	Dyna-Drill	Mono/PV	Roper					
									Pressure Diff psi	Torque ft-lb	Power hp	Pressure Diff psi	Torque ft-lb	Power hp											
5"	AT500239.0	5.00/3.75	200.00	2/3	9.0	3.160	0.88	1110	1350	1190	250	2120	1860	390											
	AT500456.0	5.00/3.75	187.00	4/5	6.0	1.010	2.57	280	900	2320	120	1410	3630	190	X	X	X	X	X						
	AT500456.3	5.00/3.75	207.00	4/5	6.3	1.010	2.57	250	950	2430	120	1490	3810	180	X	X	X	X	X						
	AT500459.7	5.00/3.88	235.00	4/5	9.7	1.460	1.82	470	1460	2650	240	2280	4150	370											
	AT500563.7 Hi Flow	5.00/4.00	250.00	5/6	3.7	0.350	7.21	120	560	4010	90	870	6270	140											
	AT500566.7	5.00/4.00	250.00	5/6	6.7	0.630	4.02	220	1010	4050	170	1580	6330	270											
	AT500568.3	5.00/3.75	242.50	5/6	8.3	1.000	2.55	300	1250	3180	180	1960	4980	280		X	X		X						
	AT5006710.0	5.00/4.00	275.00	6/7	10.0	0.840	2.95	290	1500	4430	240	2350	6940	380											
	AT500676.0	5.00/4.00	185.00	6/7	6.0	0.790	3.25	280	900	2930	160	1410	4590	240		X		X							
	AT500678.0	5.00/4.00	250.00	6/7	8.0	0.790	3.25	280	1200	3900	210	1880	6110	330	X	X	X	X							
	AT500678.8	5.00/4.00	275.00	6/7	8.8	0.660	3.70	260	1320	4890	240	2070	7660	380				X							
	AT500679.0	5.00/4.00	250.00	6/7	9.0	0.855	2.92	300	1350	3950	230	2120	6180	350											
	AT500782.0	5.00/3.75	180.00	7/8	2.0	0.450	7.30	110	300	2190	50	470	3440	70	X		X	X							
	AT500782.2 SLOW	5.00/3.75	198.00	7/8	2.2	0.310	7.91	80	330	2620	40	520	4090	60	X										
	AT500782.6 ESX	5.00/3.75	229.25	7/8	2.6	0.260	9.44	80	390	3690	60	620	5770	90			X								
	AT500782.9	5.00/3.75	250.00	7/8	2.9	0.306	8.03	80	440	3500	50	690	5480	80			X	X							
	AT500783.0 ESX	5.00/4.00	250.00	7/8	3.0	0.260	9.56	80	450	4310	70	710	6740	100			X								
	AT500783.7	5.00/3.88	235.00	7/8	3.7	0.356	6.85	120	560	3810	90	870	5960	140	X										
	AT500783.8	5.00/3.75	187.00	7/8	3.8	0.540	4.62	140	570	2640	70	900	4130	110	X	X	X	X	X						
	AT500784.5 SX	5.00/3.75	229.25	7/8	4.5	0.463	5.19	140	680	3500	90	1060	5490	150			X								
	AT500785.0 RM	5.00/3.88	198.00	7/8	5.0	0.620	3.97	190	750	2980	110	1180	4670	170		X			X						
	AT500785.0 WF	5.00/3.88	198.00	7/8	5.0	0.620	3.97	190	750	2980	110	1180	4670	170	X				X						
AT500786.4	5.00/3.88	235.00	7/8	6.4	0.630	3.80	190	960	3650	130	1510	5720	210	X											
AT500788.2	5.00/4.00	250.00	7/8	8.2	0.690	3.57	240	1230	4400	200	1930	6880	310			X									
AT500896.0	5.00/4.00	250.00	8/9	6.0	0.510	4.90	140	900	4410	120	1410	6910	180	X											



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		PERFORMANCE				NBR			NBR-HPX			Weatherford	R & M	Dyna-Drill	Mono/PV	Roper			
		Tube OD/ID Inch	Stator Length Inch	Lobes	Stages	Speed Rev/Gal	Torque Slope ft-lb/psi	Max RPM	Pressure Diff psi	Torque ft-lb	Power hp						Pressure Diff psi	Torque ft-lb	Power hp
6 1/4"	AT625782.8	6.25/5.00	130.00	7/8	2.8	0.330	7.53	130	420	3170	80	660	4960	120	X	X	X	X	X
	AT625782.9 ESX	6.25/5.00	228.75	7/8	2.9	0.164	15.35	80	440	6680	100	690	10470	160		X	X	X	
	AT625783.0 SLOW	6.25/5.00	204.00	7/8	3.0	0.202	12.23	120	450	5510	130	710	8630	200	X		X		
	AT625783.3 ESX	6.25/5.00	260.00	7/8	3.3	0.164	15.35	80	500	7600	120	780	11910	180	X		X		
	AT625784.8	6.25/5.00	203.25	7/8	4.8	0.330	7.53	130	720	5430	130	1130	8500	210	X	X	X	X	X
6 1/2"	AT650457.0	6.50/5.50	210.00	4/5	7.0	0.494	5.36	300	1050	5630	320	1650	8820	500	X	X	X	X	X
	AT650565.4	6.50/5.31	212.00	5/6	5.4	0.350	7.25	210	810	5880	240	1270	9210	370	X				
	AT650568.2	6.50/5.50	246.00	5/6	8.2	0.430	6.10	260	1230	7510	370	1930	11760	580			X		
	AT650675.0	6.50/5.50	200.00	6/7	5.0	0.300	8.38	180	750	6290	220	1180	9850	340	X	X	X	X	X
	AT650676.0	6.50/5.50	250.00	6/7	6.0	0.300	8.38	180	900	7550	260	1410	11820	410				X	
	AT650782.1 ESX	6.50/5.31	230.00	7/8	2.1	0.110	21.60	60	320	6810	80	500	10660	120	X		X		
	AT650782.8	6.50/5.00	130.00	7/8	2.8	0.330	7.53	130	420	3170	80	660	4960	120	X	X	X	X	X
	AT650782.9 ESX	6.50/5.00	228.75	7/8	2.9	0.164	15.35	80	440	6680	100	690	10470	160		X	X	X	
	AT650782.9 HTS	6.50/5.50	220.00	7/8	2.9	0.160	15.55	80	440	6770	100	690	10600	160		X	X		
	AT650783.0	6.50/5.50	125.00	7/8	3.0	0.270	9.06	160	450	4080	120	710	6390	190	X	X	X	X	X
	AT650783.0 (6.25) SLOW	6.50/5.00	204.00	7/8	3.0	0.202	12.23	120	450	5510	130	710	8630	200	X		X		
	AT650783.0 SLOW	6.50/5.50	204.00	7/8	3.0	0.160	15.75	100	450	7090	130	710	11110	210	X	X	X		
	AT650783.3 ESX	6.50/5.00	260.00	7/8	3.3	0.164	15.35	80	500	7600	120	780	11910	180	X		X		
	AT650783.3 HTS	6.50/5.50	245.00	7/8	3.3	0.150	16.95	90	500	8400	140	780	13150	230		X	X		
	AT650784.8	6.50/5.00	203.50	7/8	4.8	0.330	7.53	130	720	5430	130	1130	8500	210	X	X	X	X	X
	AT650785.0	6.50/5.50	194.50	7/8	5.0	0.270	9.06	160	750	6800	210	1180	10650	320	X	X	X	X	X
	AT650786.0	6.50/5.50	235.00	7/8	6.0	0.270	9.06	160	900	8160	250	1410	12780	390	X		X		
AT650786.4	6.50/5.50	245.00	7/8	6.4	0.270	9.06	160	960	8700	270	1510	13630	420	X					
6 3/4"	AT675457.0	6.75/5.50	210.00	4/5	7.0	0.494	5.36	300	1050	5630	320	1650	8820	500	X	X	X	X	X
	AT675565.4	6.75/5.31	212.00	5/6	5.4	0.350	7.25	210	810	5880	240	1270	9210	370	X				
	AT675568.2	6.75/5.50	246.00	5/6	8.2	0.430	6.10	260	1230	7510	370	1930	11760	580			X		
	AT675675.0	6.75/5.50	200.00	6/7	5.0	0.300	8.38	180	750	6290	220	1180	9850	340	X	X	X	X	X



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		NBR		NBR-HPX		Weatherford	R & M	Dyna-Drill	Mono/PV	Roper																
		Pressure Diff psi	Torque ft-lb	Power hp	Pressure Diff psi						Torque ft-lb	Power hp														
6 3/4"	AT675676.0	6.75/5.50	250.00	6/7	6.0	0.300	8.38	180	900	7550	260	1410	11820	410				X								
	AT675782.1 ESX	6.75/5.31	230.00	7/8	2.1	0.110	21.60	60	320	6810	80	500	10660	120	X		X									
	AT675782.9 HTS	6.75/5.50	220.00	7/8	2.9	0.160	15.55	80	440	6770	100	690	10600	160		X	X									
	AT675783.0	6.75/5.50	125.00	7/8	3.0	0.270	9.06	160	450	4080	120	710	6390	190	X	X	X	X	X							
	AT675783.0 SLOW	6.75/5.50	204.00	7/8	3.0	0.160	15.75	100	450	7090	130	710	11110	210	X	X	X									
	AT675783.3 HTS	6.75/5.50	245.00	7/8	3.3	0.150	16.95	90	500	8400	140	780	13150	230		X	X									
	AT675785.0	6.75/5.50	194.50	7/8	5.0	0.270	9.06	160	750	6800	210	1180	10650	320	X	X	X	X	X							
	AT675785.7 SX	6.75/5.50	260.00	7/8	5.7	0.230	10.60	140	860	9070	240	1340	14200	380		X	X	X								
	AT675786.0	6.75/5.50	235.00	7/8	6.0	0.270	9.06	160	900	8160	250	1410	12780	390	X		X									
	AT675786.4	6.75/5.50	245.00	7/8	6.4	0.270	9.06	160	960	8700	270	1510	13630	420	X											
AT6759102.1	6.75/5.50	081.00	9/10	2.1	0.340	7.10	170	320	2240	70	500	3510	110													
7"	AT7006711.4	7.00/5.75	275.00	6/7	11.4	0.420	6.10	290	1120	6820	380	1920	11690	650												
	AT700676.5	7.00/5.75	275.00	6/7	6.5	0.230	10.92	170	980	10650	340	1530	16690	540												
	AT700678.4	7.00/5.75	275.00	6/7	8.4	0.300	8.38	230	1260	10560	460	1980	16550	720												
	AT700786.8	7.00/5.75	246.00	7/8	6.8	0.304	9.56	180	1020	9760	330	1600	15280	520			X									
7 3/4"	AT775455.3	7.75/6.25	228.00	4/5	5.3	0.240	10.93	220	800	8690	360	1250	13620	570	X	X	X	X								
	AT775782.2	7.75/6.25	228.00	7/8	2.2	0.090	29.44	70	330	9720	130	520	15230	200				X								
	AT775782.5 SLOW	7.75/6.25	254.00	7/8	2.5	0.075	32.34	70	380	12130	160	590	19000	250	X											
	AT775784.0	7.75/6.25	203.25	7/8	4.0	0.154	15.84	140	600	9510	250	940	14890	400	X	X	X	X	X							
8"	AT800455.3	8.00/6.25	228.00	4/5	5.3	0.240	10.93	230	800	8690	380	1250	13620	600	X	X	X	X								
	AT800674.0	8.00/6.25	206.00	6/7	4.0	0.170	14.70	150	600	8820	250	940	13820	390				X								
	AT800782.2	8.00/6.25	228.00	7/8	2.2	0.090	29.44	70	330	9720	130	520	15230	200				X								
	AT800782.5 SLOW	8.00/6.25	254.00	7/8	2.5	0.075	32.34	70	380	12130	160	590	19000	250	X											
	AT800783.0	8.00/6.25	160.00	7/8	3.0	0.160	15.79	140	450	7110	190	710	11140	300	X	X	X	X	X							
	AT800783.4 ESX	8.00/6.25	300.00	7/8	3.4	0.087	28.19	80	510	14380	220	800	22530	340			X									
	AT800784.0	8.00/6.25	203.25	7/8	4.0	0.155	15.77	140	600	9470	250	940	14830	400	X	X	X	X	X							
	AT800785.9	8.00/6.25	300.00	7/8	5.9	0.155	15.77	140	890	13960	370	1390	21870	580	X	X	X	X	X							
AT800896.0	8.00/6.50	206.00	8/9	6.0	0.216	11.12	170	900	10010	320	1410	15680	510	X				X								



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		CONFIGURATION				PERFORMANCE			NBR			NBR-HPX			Weatherford	R & M	Dyna-Drill	Mono/PV	Roper							
		Tube OD/ID Inch	Stator Length Inch	Lobes	Stages	Speed Rev/Gal	Torque Slope ft-lb/psi	Max RPM	Pressure Diff psi	Torque ft-lb	Power hp	Pressure Diff psi	Torque ft-lb	Power hp												
9 5/8"	AT962565.0	9.63/7.88	232.00	5/6	5.0	0.127	20.67	170	750	15510	500	1180	24290	790	X		X									
	AT962675.0	9.63/7.88	218.00	6/7	5.0	0.127	20.30	170	750	15230	490	1180	23860	770	X	X	X	X								
	AT962785.7	9.63/7.88	240.00	7/8	5.7	0.126	19.35	150	860	16550	470	1340	25920	740	X	X										
11 1/4"	AT1125564.6	11.25/9.25	230.00	5/6	4.6	0.089	31.59	160	690	21800	660	1090	34150	1040			X									
	AT1125565.0	11.25/7.88	232.00	5/6	5.0	0.127	20.67	170	750	15510	500	1180	24290	790	X		X									
	AT1125675.0	11.25/7.88	218.00	6/7	5.0	0.127	20.30	170	750	15230	490	1180	23860	770	X	X	X	X								
	AT1125785.7	11.25/7.88	240.00	7/8	5.7	0.126	19.35	150	860	16550	470	1340	25920	740	X	X										