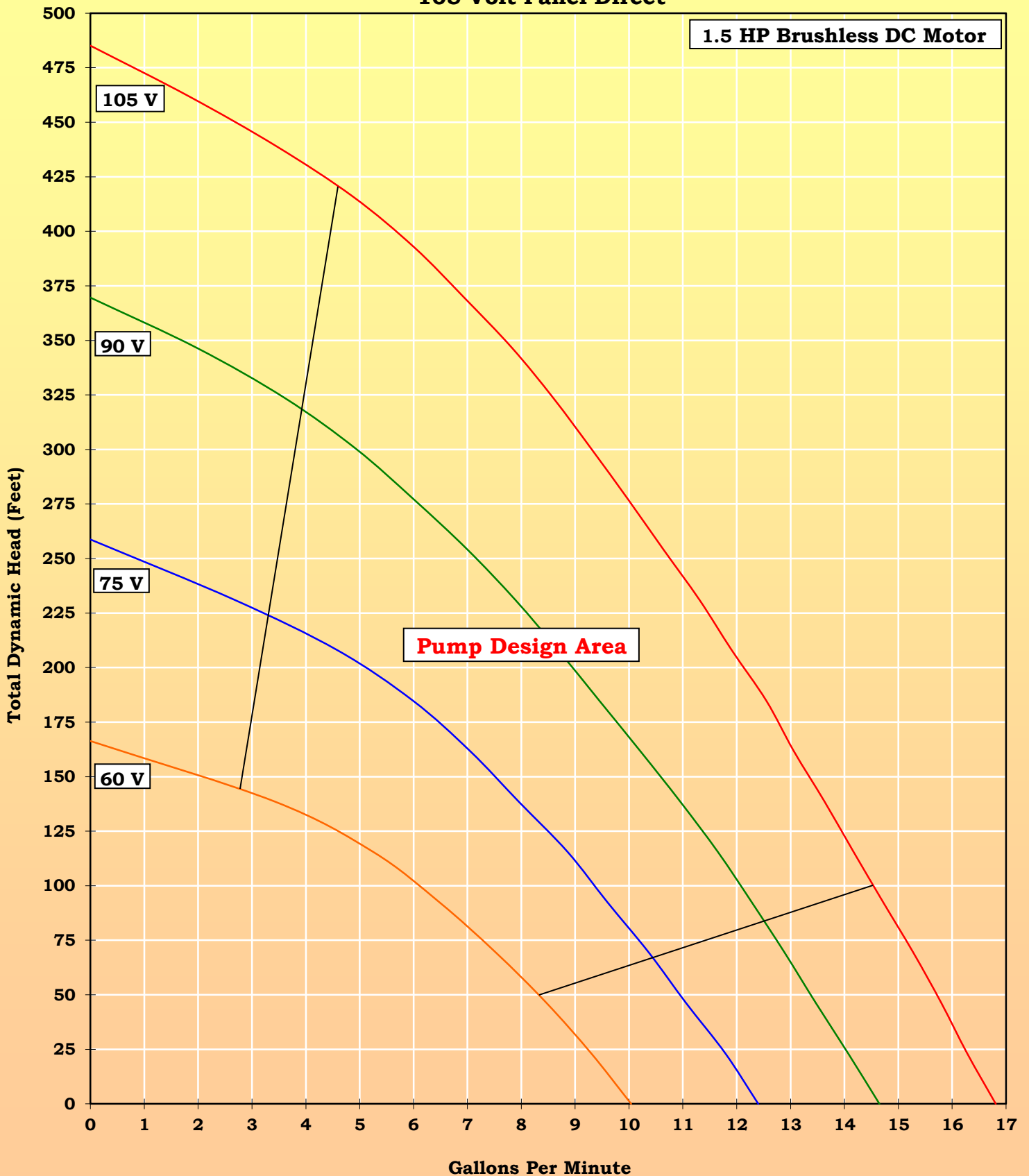


SunPumps Brushless DC Submersible Model SCS 9-310-105 BL

105 Volt Panel Direct

1.5 HP Brushless DC Motor



SunPumps Brushless DC Submersible Model SCS 9-310-105 BL

120 Volt Brushless DC Motor

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	60	4.9	10.0	38.0	294	368	0%
10	23	7.0	60	5.0	9.3	35.2	299	374	14%
20	46	14.1	60	5.1	8.5	32.1	307	384	24%
30	69	21.1	60	5.2	7.5	28.5	311	389	32%
40	92	28.2	60	5.2	6.5	24.5	311	389	36%
50	116	35.2	60	5.1	5.3	19.9	305	382	37%
60	139	42.3	60	4.7	3.4	12.9	284	355	31%
72	166	50.7	60	3.0	0.0	0.0	180	225	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	75	6.8	12.4	46.9	513	641	0%
10	23	7.0	75	6.9	11.8	44.6	517	646	10%
20	46	14.1	75	7.0	11.1	41.9	525	656	18%
30	69	21.1	75	7.1	10.4	39.3	533	666	25%
40	92	28.2	75	7.2	9.6	36.3	536	670	31%
50	116	35.2	75	7.2	8.9	33.5	541	676	36%
60	139	42.3	75	7.2	8.0	30.1	542	677	38%
70	162	49.3	75	7.2	7.1	26.7	537	671	40%
80	185	56.3	75	7.0	6.0	22.7	524	654	40%
90	208	63.4	75	6.6	4.6	17.4	493	616	36%
100	231	70.4	75	5.8	2.7	10.1	438	548	27%
112	259	78.9	75	4.0	0.0	0.0	302	378	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	90	8.8	14.7	55.5	795	993	0%
10	23	7.0	90	9.0	14.1	53.3	807	1009	8%
20	46	14.1	90	9.1	13.5	51.0	816	1020	14%
30	69	21.1	90	9.1	12.9	48.8	819	1024	21%
40	92	28.2	90	9.2	12.3	46.5	828	1035	26%
50	116	35.2	90	9.3	11.7	44.1	838	1047	30%
60	139	42.3	90	9.4	11.0	41.4	846	1058	34%
70	162	49.3	90	9.5	10.2	38.6	851	1064	37%
80	185	56.3	90	9.5	9.5	35.8	851	1063	39%
90	208	63.4	90	9.4	8.7	32.9	846	1058	40%
100	231	70.4	90	9.4	7.9	29.9	842	1053	41%
110	254	77.5	90	9.1	7.0	26.5	817	1022	41%
120	277	84.5	90	8.8	6.0	22.7	793	991	40%
130	300	91.6	90	8.3	4.9	18.7	751	938	37%
140	323	98.6	90	7.6	3.6	13.7	687	858	32%
150	347	105.6	90	6.5	2.0	7.5	582	728	22%
160	370	112.7	90	5.2	0.0	0.0	464	579	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	105	11.1	16.8	63.6	1160	1450	0%
10	23	7.0	105	11.2	16.3	61.6	1177	1471	6%
20	46	14.1	105	11.3	15.8	59.8	1189	1486	12%
30	69	21.1	105	11.4	15.3	57.8	1197	1496	17%
40	92	28.2	105	11.5	14.7	55.7	1210	1512	21%
50	116	35.2	105	11.6	14.2	53.6	1215	1519	25%
60	139	42.3	105	11.7	13.6	51.6	1225	1532	29%
70	162	49.3	105	11.7	13.1	49.4	1225	1532	32%
80	185	56.3	105	11.7	12.6	47.5	1233	1541	35%
90	208	63.4	105	11.8	11.9	45.1	1238	1547	38%
100	231	70.4	105	11.8	11.3	42.8	1241	1551	40%
110	254	77.5	105	11.8	10.6	40.3	1240	1550	41%
120	277	84.5	105	11.8	10.0	37.8	1234	1542	42%
130	300	91.6	105	11.7	9.3	35.2	1229	1536	43%
140	323	98.6	105	11.6	8.6	32.6	1214	1517	43%
150	347	105.6	105	11.3	7.8	29.6	1189	1486	43%
160	370	112.7	105	11.0	6.9	26.3	1152	1440	42%
170	393	119.7	105	10.5	6.0	22.7	1107	1383	40%
180	416	126.8	105	9.9	4.9	18.5	1042	1302	37%
190	439	133.8	105	8.9	3.5	13.1	935	1168	31%
200	462	140.9	105	7.8	1.8	6.9	820	1025	19%
210	485	147.9	105	6.2	0.0	0.0	653	816	0%

* Solar Array watts using a 20% deration factor.