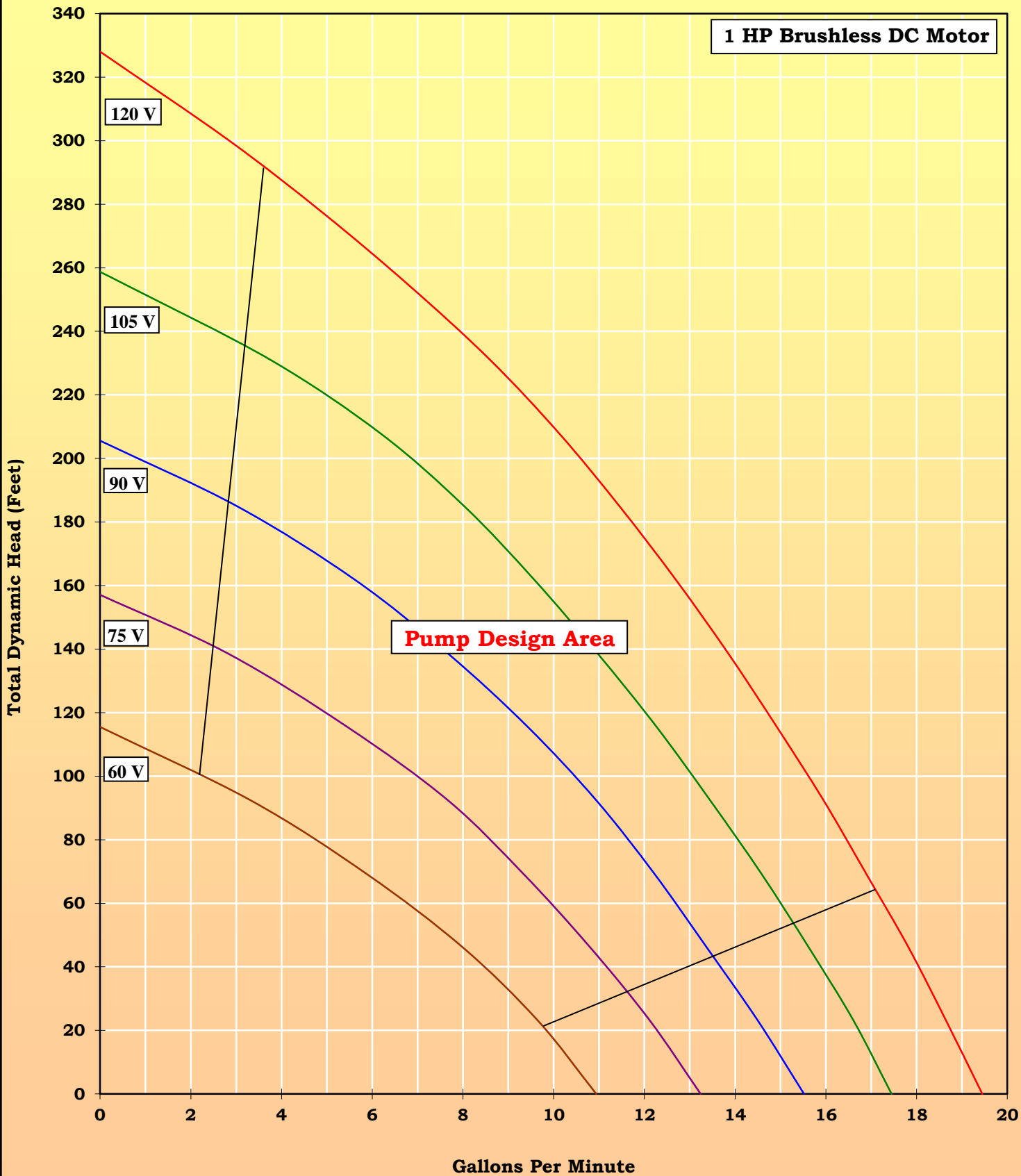


SunPumps Brushless DC Submersible Model SCS 10-210-120Y BL

120 Volt Panel Direct

1 HP Brushless DC Motor



SunPumps Brushless Dc Submersible Model SCS 10-210-120Y BL

1 HP 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	3.31	10.9	41.4	199	248	0%
10	23	7.0	60	3.35	9.7	36.5	201	251	21%
20	46	14.1	60	3.40	8.0	30.2	204	255	34%
30	69	21.1	60	3.35	5.9	22.2	201	251	38%
40	92	28.2	60	2.67	3.3	12.6	160	200	36%
50	116	35.2	60	2.17	0.0	0.0	130	163	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	4.30	13.2	50.1	323	403	0%
10	23	7.0	75	4.33	12.1	45.9	325	406	16%
20	46	14.1	75	4.39	10.8	40.9	329	412	29%
30	69	21.1	75	4.42	9.3	35.3	332	414	37%
40	92	28.2	75	4.39	7.7	29.0	329	412	41%
50	116	35.2	75	4.14	5.5	20.6	311	388	38%
60	139	42.3	75	3.45	2.8	10.7	259	323	28%
68	157	47.9	75	2.79	0.0	0.0	209	262	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	5.42	15.5	58.7	488	610	0%
10	23	7.0	90	5.45	14.5	54.9	491	613	13%
20	46	14.1	90	5.50	13.4	50.6	495	619	24%
30	69	21.1	90	5.60	12.2	46.3	504	630	32%
40	92	28.2	90	5.67	10.9	41.4	510	638	37%
50	116	35.2	90	5.65	9.4	35.7	509	636	40%
60	139	42.3	90	5.47	7.7	29.0	492	615	41%
70	162	49.3	90	5.08	5.6	21.3	457	572	38%
80	185	56.3	90	4.27	3.0	11.5	384	480	28%
89	206	62.7	90	3.42	0.0	0.0	308	385	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	6.56	17.5	66.0	689	861	0%
10	23	7.0	105	6.61	16.6	62.9	694	868	10%
20	46	14.1	105	6.68	15.6	59.1	701	877	19%
30	69	21.1	105	6.74	14.6	55.2	708	885	27%
40	92	28.2	105	6.80	13.5	50.9	714	893	33%
50	116	35.2	105	6.85	12.3	46.4	719	899	37%
60	139	42.3	105	6.84	11.0	41.5	718	898	40%
70	162	49.3	105	6.78	9.6	36.3	712	890	41%
80	185	56.3	105	6.53	8.0	30.4	686	857	41%
90	208	63.4	105	6.09	6.2	23.4	639	799	38%
100	231	70.4	105	5.43	3.8	14.2	570	713	29%
110	254	77.5	105	4.58	0.6	2.4	481	601	6%
112	259	78.9	105	4.12	0.0	0.0	433	541	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	120	7.77	19.5	73.6	932	1166	0%
10	23	7.0	120	7.82	18.7	70.6	938	1173	9%
20	46	14.1	120	7.91	17.8	67.4	949	1187	16%
30	69	21.1	120	7.98	16.9	63.9	958	1197	23%
40	92	28.2	120	8.07	16.0	60.4	968	1211	29%
50	116	35.2	120	8.11	14.9	56.5	973	1217	33%
60	139	42.3	120	8.15	13.9	52.4	978	1223	37%
70	162	49.3	120	8.15	12.7	48.1	978	1223	40%
80	185	56.3	120	8.11	11.5	43.4	973	1217	41%
90	208	63.4	120	7.98	10.1	38.3	958	1197	41%
100	231	70.4	120	7.69	8.6	32.6	923	1154	41%
110	254	77.5	120	7.25	6.8	25.9	870	1088	38%
120	277	84.5	120	6.65	4.9	18.6	798	998	32%
130	300	91.6	120	5.92	2.8	10.7	710	888	22%
142	328	100.0	120	5.00	0.0	0.0	600	750	0%

* Solar array watts using a 20% deration factor.