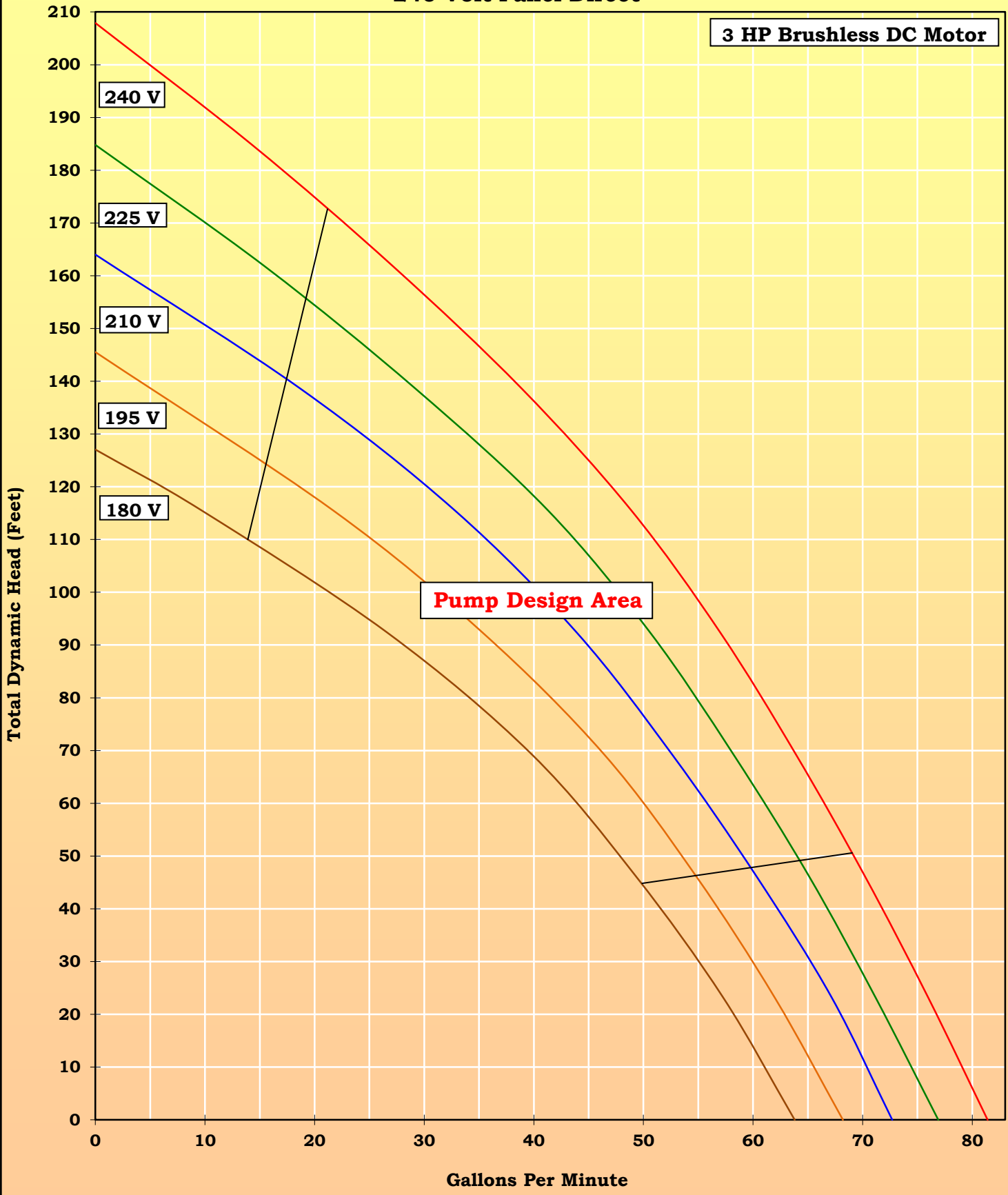


SunPumps Brushless DC Submersible Model SCS 50-110-240Y BL

240 Volt Panel Direct

3 HP Brushless DC Motor



SunPumps Brushless DC Submersible

Model SCS 50-110-240Y BL

3 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	180	5.25	63.8	241.5	945	1181	0%
10	23	7.0	180	5.78	57.3	216.9	1040	1301	24%
20	46	14.1	180	6.17	49.3	186.6	1111	1388	39%
30	69	21.1	180	6.26	39.8	150.6	1127	1409	46%
40	92	28.2	180	5.80	26.6	100.7	1044	1305	44%
50	116	35.2	180	4.48	9.7	36.7	806	1008	26%
55	127	38.7	180	3.91	0.0	0.0	704	880	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	195	5.80	68.2	258.1	1131	1414	0%
10	23	7.0	195	6.32	62.0	234.7	1232	1541	22%
20	46	14.1	195	6.62	54.8	207.4	1291	1614	37%
30	69	21.1	195	6.82	46.4	175.6	1330	1662	46%
40	92	28.2	195	6.60	35.3	133.6	1287	1609	48%
50	116	35.2	195	5.89	21.7	82.1	1149	1436	41%
63	146	44.4	195	4.42	0.0	0.0	862	1077	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	210	6.50	72.7	275.2	1365	1706	0%
10	23	7.0	210	7.07	67.2	254.4	1485	1856	20%
20	46	14.1	210	7.41	60.3	228.2	1556	1945	34%
30	69	21.1	210	7.63	52.6	199.1	1602	2003	43%
40	92	28.2	210	7.65	43.9	166.2	1607	2008	48%
50	116	35.2	210	7.28	32.8	124.1	1529	1911	47%
60	139	42.3	210	6.35	18.7	70.8	1334	1667	37%
71	164	50.0	210	4.71	0.0	0.0	989	1236	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	225	6.99	76.9	291.1	1573	1966	0%
10	23	7.0	225	7.55	71.2	269.5	1699	2123	18%
20	46	14.1	225	7.92	65.1	246.4	1782	2228	32%
30	69	21.1	225	8.17	58.2	220.3	1838	2298	41%
40	92	28.2	225	8.27	50.6	191.5	1861	2326	47%
50	116	35.2	225	8.15	41.3	156.3	1834	2292	49%
60	139	42.3	225	7.38	29.2	110.5	1661	2076	46%
70	162	49.3	225	6.43	15.5	58.7	1447	1808	33%
80	185	56.3	225	5.23	0.0	0.0	1177	1471	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	240	7.73	81.4	308.1	1855	2319	0%
10	23	7.0	240	8.29	76.0	287.7	1990	2487	17%
20	46	14.1	240	8.65	70.2	265.7	2076	2595	29%
30	69	21.1	240	8.98	63.9	241.9	2155	2694	39%
40	92	28.2	240	9.18	57.0	215.7	2203	2754	45%
50	116	35.2	240	9.18	48.9	185.1	2203	2754	48%
60	139	42.3	240	8.87	38.9	147.2	2129	2661	48%
70	162	49.3	240	8.01	27.2	103.0	1922	2403	43%
80	185	56.3	240	7.04	14.3	54.1	1690	2112	29%
90	208	63.4	240	5.74	0.0	0.0	1378	1722	0%

* Solar array watts using a 20% deration factor.