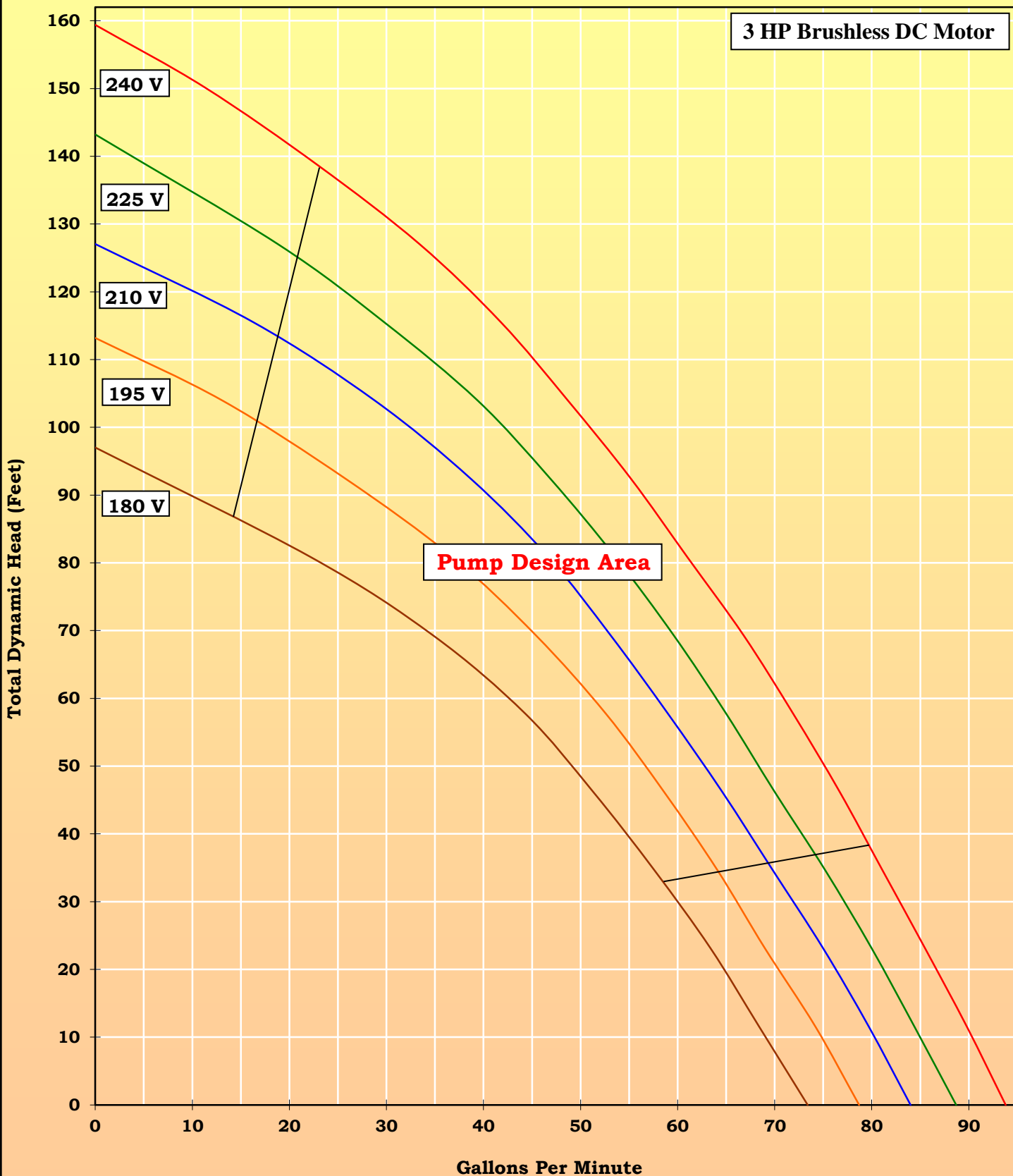


SunPumps Brushless DC Submersible Model SCS 50-100-240Y BL

240 Volt Panel Direct



SunPumps Brushless DC Submersible Model SCS 50-100-240Y BL

3 HP 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	5.5	73.4	277.8	992	1240	0%
5	12	3.5	180	5.6	68.4	258.9	1013	1267	15%
10	23	7.0	180	5.8	63.4	240.0	1037	1296	27%
15	35	10.6	180	5.8	57.6	218.0	1049	1312	36%
20	46	14.1	180	5.9	51.3	194.2	1053	1316	42%
25	58	17.6	180	5.7	44.3	167.7	1033	1292	47%
30	69	21.1	180	5.4	34.8	131.7	979	1224	46%
35	81	24.6	180	4.9	22.2	84.0	875	1094	39%
42	97	29.6	180	4.1	0.0	0.0	733	916	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	6.1	78.7	297.9	1188	1484	0%
5	12	3.5	195	6.3	74.2	280.8	1221	1526	13%
10	23	7.0	195	6.3	69.0	261.2	1234	1543	24%
15	35	10.6	195	6.4	64.1	242.6	1248	1560	34%
20	46	14.1	195	6.5	58.6	221.8	1258	1572	41%
25	58	17.6	195	6.4	52.6	199.1	1254	1567	46%
30	69	21.1	195	6.3	45.4	171.8	1223	1528	48%
35	81	24.6	195	6.0	36.8	139.3	1166	1458	48%
40	92	28.2	195	5.6	25.8	97.7	1088	1360	41%
45	104	31.7	195	5.0	13.1	49.6	983	1229	26%
49	113	34.5	195	4.6	0.0	0.0	905	1131	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	6.8	84.0	317.9	1436	1796	0%
5	12	3.5	210	7.0	79.7	301.7	1460	1824	12%
10	23	7.0	210	7.1	75.0	283.9	1481	1851	22%
15	35	10.6	210	7.2	69.8	264.2	1508	1885	30%
20	46	14.1	210	7.2	64.6	244.5	1514	1893	37%
25	58	17.6	210	7.2	59.0	223.3	1520	1901	42%
30	69	21.1	210	7.2	53.1	201.0	1512	1890	46%
35	81	24.6	210	7.0	46.7	176.8	1474	1843	48%
40	92	28.2	210	6.7	38.7	146.5	1415	1769	48%
45	104	31.7	210	6.2	28.8	109.0	1304	1630	43%
50	116	35.2	210	5.6	16.3	61.7	1172	1465	30%
55	127	38.7	210	5.0	0.0	0.0	1050	1313	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	7.4	88.7	335.7	1656	2070	0%
5	12	3.5	225	7.5	84.4	319.5	1679	2098	11%
10	23	7.0	225	7.6	80.0	302.8	1706	2132	20%
15	35	10.6	225	7.7	75.2	284.6	1724	2154	28%
20	46	14.1	225	7.8	70.0	265.0	1748	2185	35%
25	58	17.6	225	7.8	65.0	246.0	1753	2191	40%
30	69	21.1	225	7.8	59.6	225.6	1757	2197	44%
35	81	24.6	225	7.7	53.6	202.9	1726	2157	47%
40	92	28.2	225	7.5	46.9	177.5	1690	2112	48%
45	104	31.7	225	7.2	39.4	149.1	1616	2019	48%
50	116	35.2	225	6.7	29.8	112.7	1508	1884	43%
55	127	38.7	225	6.2	18.8	71.2	1397	1747	32%
62	143	43.7	225	5.6	0.0	0.0	1249	1561	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	8.1	93.8	355.0	1951	2439	0%
5	12	3.5	240	8.2	89.8	339.9	1978	2472	10%
10	23	7.0	240	8.4	85.5	323.6	2004	2505	19%
15	35	10.6	240	8.5	81.1	307.0	2030	2538	26%
20	46	14.1	240	8.6	76.7	290.3	2054	2568	32%
25	58	17.6	240	8.6	71.9	272.1	2064	2580	38%
30	69	21.1	240	8.7	66.8	252.8	2076	2595	42%
35	81	24.6	240	8.6	61.0	230.9	2064	2580	45%
40	92	28.2	240	8.5	55.2	208.9	2038	2547	47%
45	104	31.7	240	8.3	48.7	184.3	1997	2496	48%
50	116	35.2	240	8.0	41.8	158.2	1910	2388	48%
55	127	38.7	240	7.5	33.4	126.4	1810	2262	44%
60	139	42.3	240	7.0	23.0	87.1	1690	2112	36%
65	150	45.8	240	6.6	11.3	42.8	1572	1965	20%
69	159	48.6	240	6.1	0.0	0.0	1464	1830	0%

* Solar array watts using a 20% deration factor.