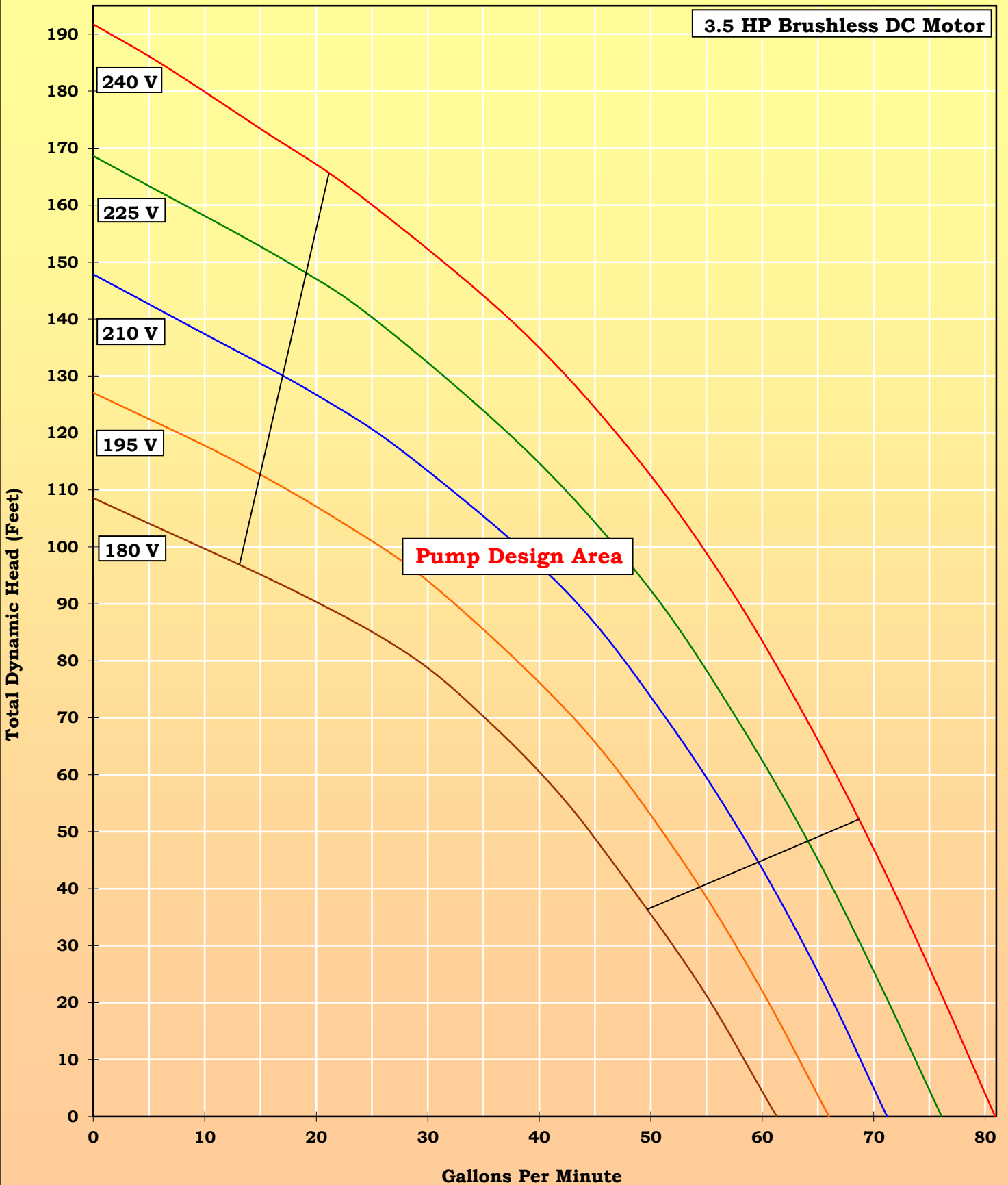


# SunPumps Brushless DC Submersible Model SCS 50-110-240 BL

240 Volt Panel Direct

3.5 HP Brushless DC Motor



# *SunPumps Brushless DC Submersible*

## Model SCS 50-110-240 BL

### 3.5 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	4.83	61.3	232.0	869	1087	0%
10	23	7.0	180	5.48	54.4	205.9	986	1233	24%
20	46	14.1	180	5.75	46.0	174.1	1035	1294	39%
25	58	17.6	180	5.83	41.3	156.3	1049	1312	43%
30	69	21.1	180	5.75	35.5	134.4	1035	1294	45%
35	81	24.6	180	5.51	28.5	107.9	992	1240	44%
40	92	28.2	180	4.84	17.9	67.8	871	1089	36%
47	109	33.1	180	3.54	0.0	0.0	637	797	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	5.36	66.0	249.8	1045	1307	0%
10	23	7.0	195	6.04	59.7	226.0	1178	1472	22%
20	46	14.1	195	6.39	52.4	198.3	1246	1558	37%
30	69	21.1	195	6.50	43.4	164.3	1268	1584	45%
40	92	28.2	195	6.15	31.0	117.3	1199	1499	45%
45	104	31.7	195	5.61	22.6	85.5	1094	1367	40%
50	116	35.2	195	4.87	12.3	46.6	950	1187	28%
55	127	38.7	195	3.90	0.0	0.0	761	951	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	6.11	71.2	269.5	1283	1604	0%
10	23	7.0	210	6.84	65.6	248.3	1436	1796	20%
20	46	14.1	210	7.21	59.2	224.1	1514	1893	34%
30	69	21.1	210	7.40	51.6	195.3	1554	1943	43%
40	92	28.2	210	7.40	42.3	160.1	1554	1943	47%
50	116	35.2	210	6.87	28.6	108.3	1443	1803	43%
55	127	38.7	210	6.16	19.7	74.6	1294	1617	36%
60	139	42.3	210	5.40	8.8	33.3	1134	1418	20%
64	148	45.1	210	4.41	0.0	0.0	926	1158	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	6.68	76.1	288.0	1503	1879	0%
10	23	7.0	225	7.47	70.6	267.2	1681	2101	18%
20	46	14.1	225	7.84	64.7	244.9	1764	2205	32%
30	69	21.1	225	8.10	57.9	219.2	1823	2278	41%
40	92	28.2	225	8.19	50.0	189.3	1843	2303	47%
50	116	35.2	225	7.92	39.6	149.9	1782	2228	48%
60	139	42.3	225	6.92	26.1	98.8	1557	1946	44%
65	150	45.8	225	6.21	17.3	65.5	1397	1747	35%
73	169	51.4	225	4.82	0.0	0.0	1085	1356	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	7.39	80.9	306.2	1774	2217	0%
10	23	7.0	240	8.11	75.7	286.5	1946	2433	17%
20	46	14.1	240	8.55	70.2	265.7	2052	2565	30%
30	69	21.1	240	8.87	64.1	242.6	2129	2661	39%
40	92	28.2	240	9.08	57.2	216.5	2179	2724	46%
50	116	35.2	240	9.08	48.8	184.7	2179	2724	49%
60	139	42.3	240	8.66	38.1	144.2	2078	2598	48%
70	162	49.3	240	7.52	23.9	90.5	1805	2256	40%
75	173	52.8	240	6.86	15.1	57.2	1646	2058	30%
80	185	56.3	240	5.95	6.1	23.1	1428	1785	15%
83	192	58.5	240	5.39	0.0	0.0	1294	1617	0%

\* Solar array watts using a 20% deration factor.