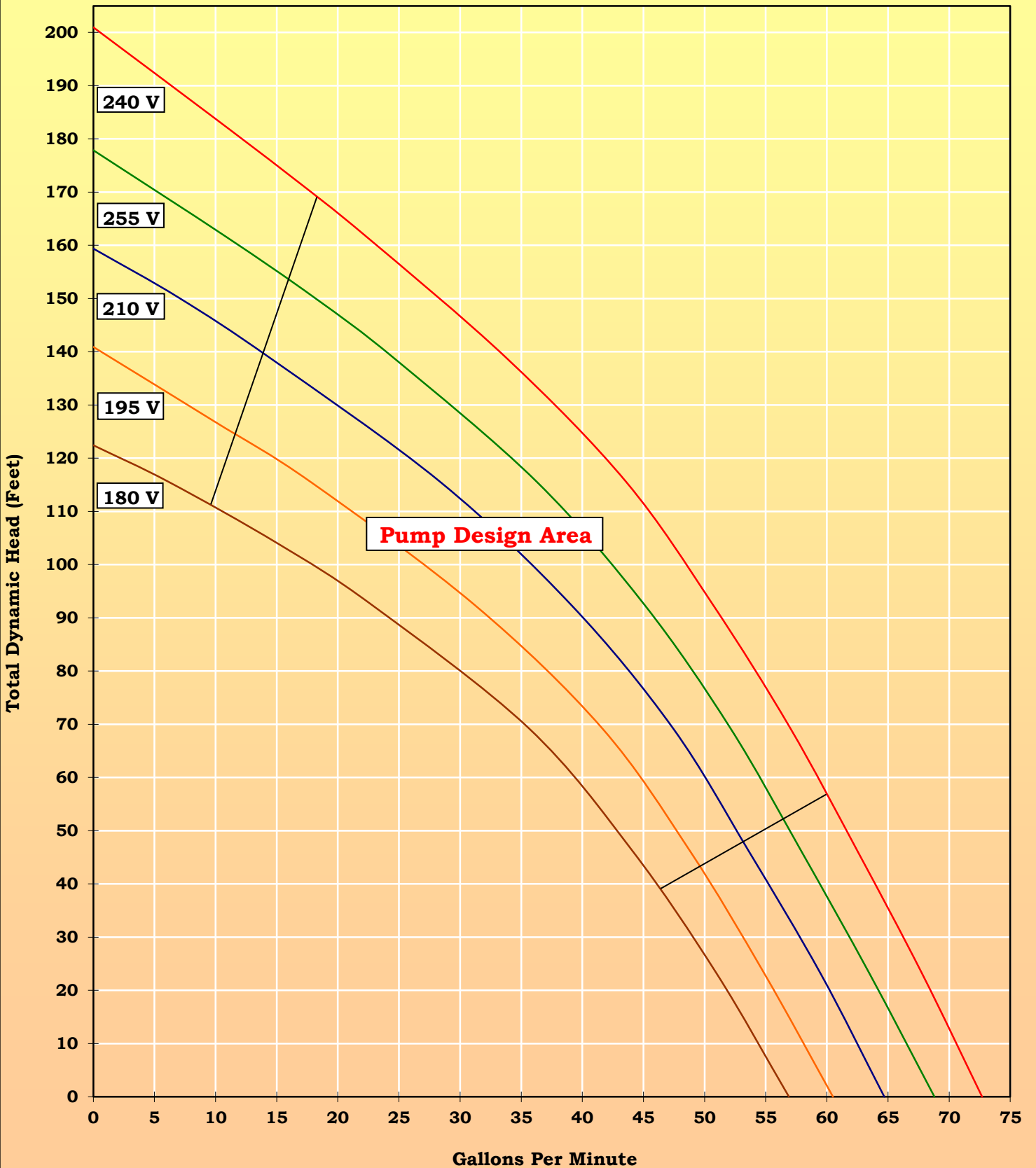


**SunPumps Brushless DC Submersible  
Model SCS 40-125-240Y BL**

**240 Volt Panel Direct**



## SunPumps Brushless DC Submersible Model SCS 40-125-240Y 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	5.07	56.9	215.4	913	1141	0%
10	23	7.0	180	5.83	51.0	193.0	1049	1312	21%
20	46	14.1	180	6.08	44.1	166.9	1094	1368	35%
30	69	21.1	180	6.07	35.6	134.7	1093	1366	43%
40	92	28.2	180	5.31	22.8	86.3	956	1195	42%
45	104	31.7	180	4.56	15.1	57.2	821	1026	36%
50	116	35.2	180	3.91	6.2	23.5	704	880	19%
53	122	37.3	180	3.46	0.0	0.0	623	779	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	6.20	60.5	229.0	1209	1511	0%
10	23	7.0	195	6.41	54.9	207.8	1250	1562	19%
20	46	14.1	195	6.62	48.8	184.7	1291	1614	33%
30	69	21.1	195	6.67	41.6	157.5	1301	1626	42%
40	92	28.2	195	6.40	31.2	118.1	1248	1560	44%
50	116	35.2	195	5.39	17.8	67.4	1051	1314	37%
55	127	38.7	195	4.78	9.8	37.1	932	1165	25%
61	141	43.0	195	3.92	0.0	0.0	764	956	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	6.96	64.7	244.9	1462	1827	0%
10	23	7.0	210	7.11	59.5	225.2	1493	1866	17%
20	46	14.1	210	7.37	53.6	202.9	1548	1935	30%
30	69	21.1	210	7.47	47.4	179.4	1569	1961	39%
40	92	28.2	210	7.40	39.1	148.0	1554	1943	44%
50	116	35.2	210	6.80	28.4	107.5	1428	1785	43%
60	139	42.3	210	5.51	14.6	55.3	1157	1446	33%
65	150	45.8	210	4.66	7.0	26.5	979	1223	20%
69	159	48.6	210	4.14	0.0	0.0	869	1087	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	7.48	68.8	260.4	1683	2104	0%
10	23	7.0	225	7.62	63.5	240.3	1715	2143	16%
20	46	14.1	225	7.95	57.9	219.2	1789	2236	28%
30	69	21.1	225	8.09	52.1	197.2	1820	2275	37%
40	92	28.2	225	8.09	45.1	170.7	1820	2275	43%
50	116	35.2	225	7.82	36.3	137.4	1760	2199	45%
60	139	42.3	225	6.76	24.7	93.5	1521	1901	42%
65	150	45.8	225	6.16	18.1	68.5	1386	1733	37%
70	162	49.3	225	5.58	10.8	40.9	1256	1569	26%
77	178	54.2	225	4.58	0.0	0.0	1031	1288	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	8.30	72.7	275.2	1992	2490	0%
10	23	7.0	240	8.38	67.8	256.6	2011	2514	15%
20	46	14.1	240	8.68	62.5	236.6	2083	2604	26%
30	69	21.1	240	8.86	57.0	215.7	2126	2658	35%
40	92	28.2	240	8.91	50.7	191.9	2138	2673	41%
50	116	35.2	240	8.83	43.6	165.0	2119	2649	45%
60	139	42.3	240	8.25	33.9	128.3	1980	2475	45%
70	162	49.3	240	7.14	22.3	84.4	1714	2142	40%
75	173	52.8	240	6.63	16.0	60.6	1591	1989	33%
80	185	56.3	240	6.05	9.4	35.6	1452	1815	23%
87	201	61.3	240	5.04	0.0	0.0	1210	1512	0%

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