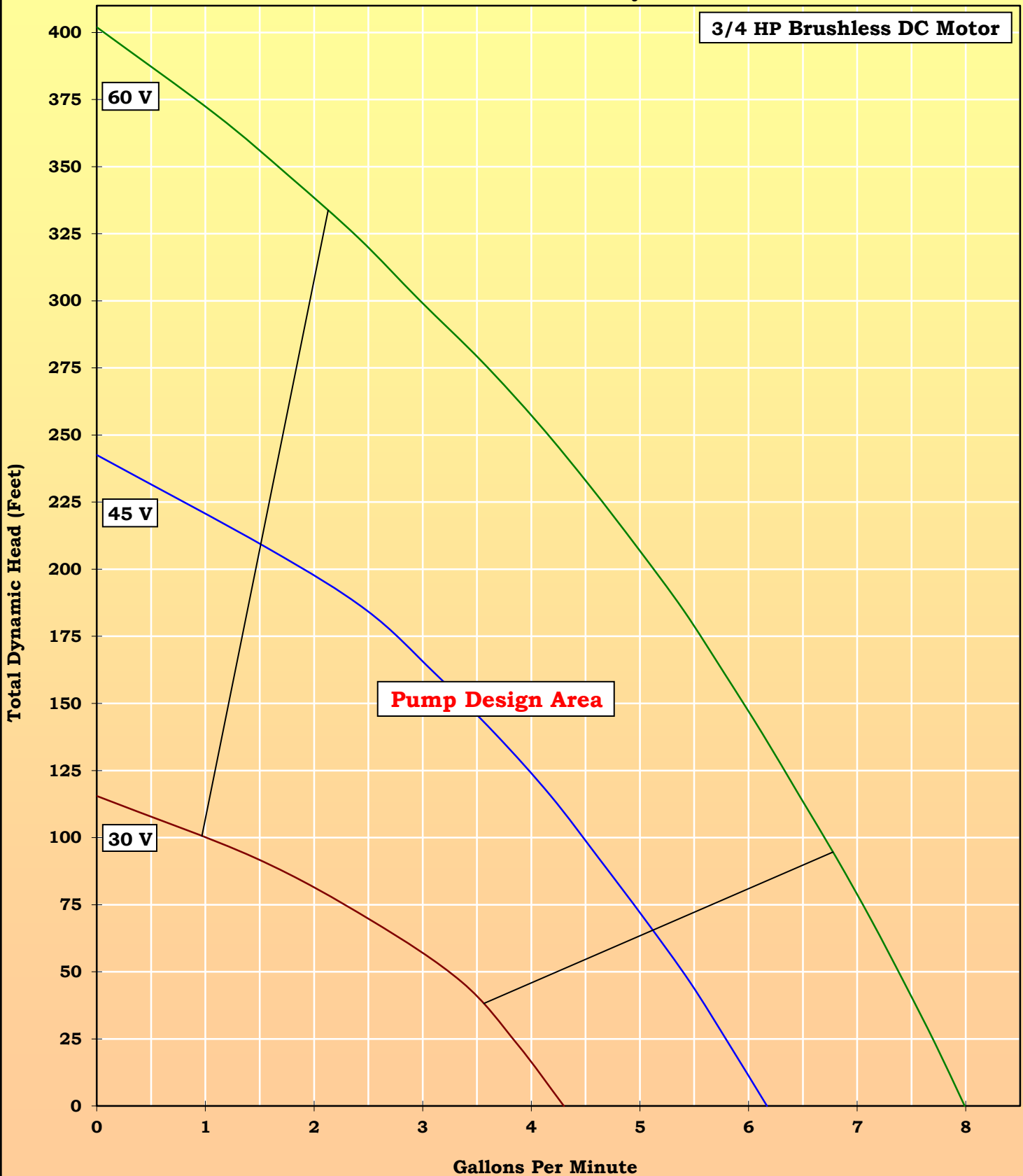


SunPumps Brushless DC Submersible Model SCS 4.6-230-60 BL

60 Volt Panel Direct System

3/4 HP Brushless DC Motor



SunPumps Brushless DC Submersible

Model SCS 4.6-230-60 BL

3/4 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	30	4.90	4.3	16	147	184	0%
10	23	7.0	30	4.90	3.9	15	147	184	11%
20	46	14.1	30	4.89	3.4	13	147	183	20%
30	69	21.1	30	4.75	2.5	10	143	178	23%
40	92	28.2	30	4.40	1.5	6	132	165	19%
50	116	35.2	30	3.49	0.0	0	105	131	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	45	8.28	6.2	23	373	466	0%
10	23	7.0	45	8.31	5.8	22	374	467	7%
20	46	14.1	45	8.32	5.5	21	374	468	13%
30	69	21.1	45	8.35	5.1	19	376	470	18%
40	92	28.2	45	8.33	4.6	17	375	469	21%
50	116	35.2	45	8.27	4.2	16	372	465	24%
60	139	42.3	45	8.12	3.7	14	365	457	26%
70	162	49.3	45	7.88	3.1	12	355	443	27%
80	185	56.3	45	7.58	2.5	9	341	426	25%
90	208	63.4	45	7.05	1.6	6	317	397	19%
105	243	73.9	45	5.60	0.0	0	252	315	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	60	12.57	8.0	30	754	943	0%
10	23	7.0	60	12.56	7.7	29	754	942	4%
20	46	14.1	60	12.51	7.4	28	751	938	9%
30	69	21.1	60	12.56	7.1	27	754	942	12%
40	92	28.2	60	12.58	6.8	26	755	944	16%
50	116	35.2	60	12.58	6.5	24	755	944	19%
60	139	42.3	60	12.57	6.1	23	754	943	21%
70	162	49.3	60	12.54	5.8	22	752	941	23%
80	185	56.3	60	12.48	5.4	20	749	936	25%
90	208	63.4	60	12.45	5.0	19	747	934	26%
100	231	70.4	60	12.34	4.5	17	740	926	27%
110	254	77.5	60	12.13	4.1	15	728	910	27%
120	277	84.5	60	11.90	3.6	13	714	893	26%
130	300	91.6	60	11.59	3.0	11	695	869	24%
140	323	98.6	60	11.16	2.4	9	670	837	22%
150	347	105.6	60	11.59	1.8	7	695	869	17%
160	370	112.7	60	9.74	1.1	4	584	731	13%
174	402	122.5	60	8.32	0.0	0	499	624	0%

* Solar array watts using a 20% deration factor.