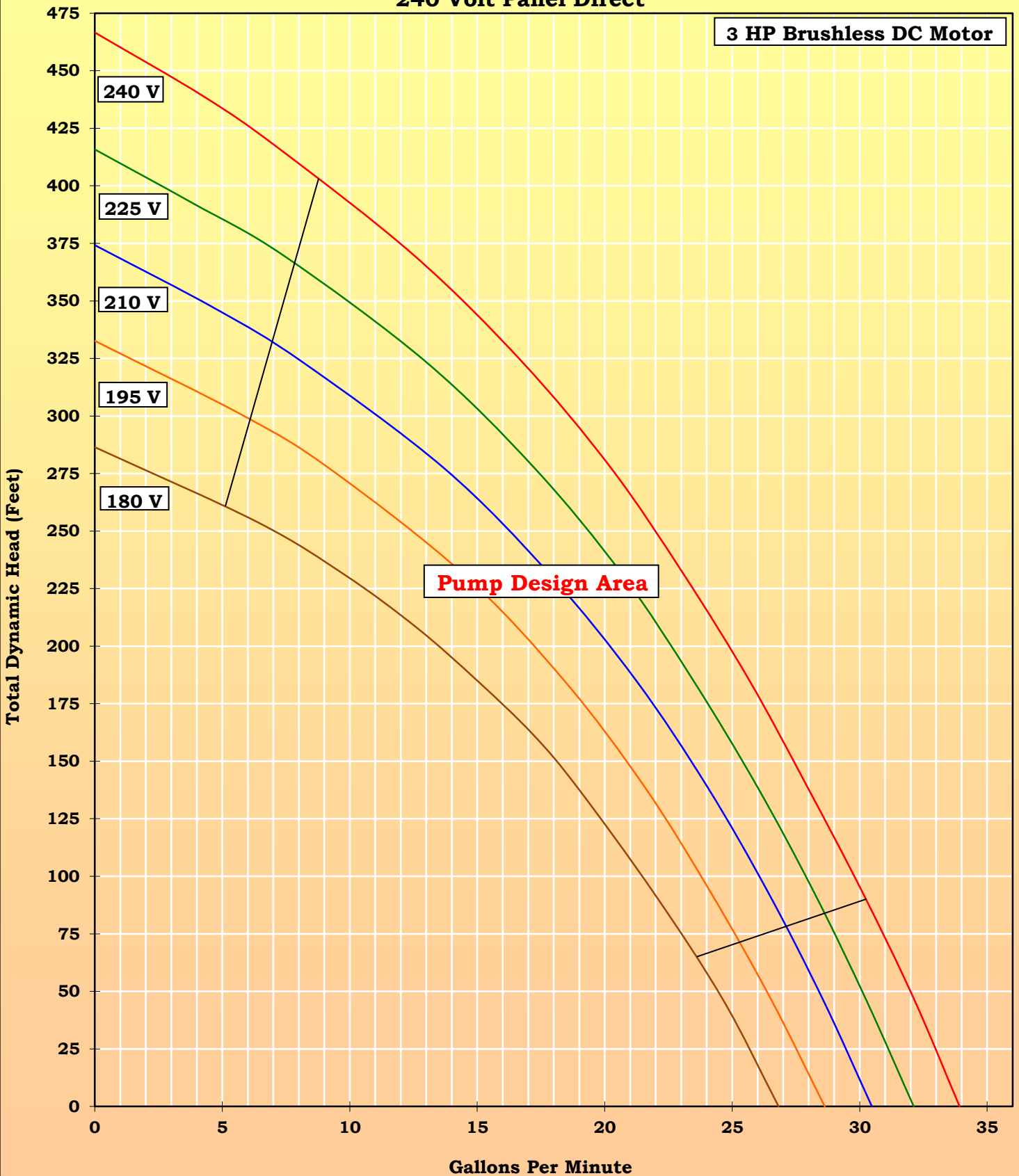


SunPumps Brushless DC Submersible Model SCS 18-300-240Y BL

240 Volt Panel Direct

3 HP Brushless DC Motor



SunPumps Brushless DC Submersible

Model SCS 18-300-240Y 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	5.87	26.8	101.5	1057	1321	0%
20	46	14.1	180	6.09	24.7	93.3	1096	1370	20%
40	92	28.2	180	6.23	22.0	83.1	1121	1402	34%
60	139	42.3	180	6.27	18.9	71.7	1129	1411	44%
70	162	49.3	180	6.18	17.2	65.0	1112	1391	47%
80	185	56.3	180	5.97	15.0	56.9	1075	1343	49%
90	208	63.4	180	5.73	12.6	47.8	1031	1289	48%
100	231	70.4	180	5.33	9.8	37.1	959	1199	44%
110	254	77.5	180	4.79	6.3	24.0	862	1078	35%
124	286	87.3	180	4.10	0.0	0.0	738	923	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	6.50	28.6	108.4	1268	1584	0%
20	46	14.1	195	6.65	26.5	100.5	1297	1621	18%
40	92	28.2	195	6.84	24.2	91.6	1334	1667	32%
60	139	42.3	195	6.90	21.6	81.7	1346	1682	42%
80	185	56.3	195	6.82	18.4	69.8	1330	1662	48%
100	231	70.4	195	6.43	14.5	54.8	1254	1567	50%
120	277	84.5	195	5.77	9.2	34.8	1125	1406	43%
130	300	91.6	195	5.34	5.8	22.0	1041	1302	32%
144	333	101.4	195	4.66	0.0	0.0	909	1136	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	7.28	30.5	115.4	1529	1911	0%
20	46	14.1	210	7.43	28.6	108.1	1560	1950	16%
40	92	28.2	210	7.57	26.4	100.1	1590	1987	29%
60	139	42.3	210	7.68	24.0	91.0	1613	2016	39%
80	185	56.3	210	7.67	21.3	80.4	1611	2013	46%
100	231	70.4	210	7.43	17.9	67.6	1560	1950	50%
120	277	84.5	210	6.93	13.7	51.9	1455	1819	49%
140	323	98.6	210	6.17	8.2	30.8	1296	1620	38%
150	347	105.6	210	5.64	4.8	18.0	1184	1481	26%
162	374	114.1	210	5.02	0.0	0.0	1054	1318	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	7.89	32.1	121.6	1775	2219	0%
20	46	14.1	225	8.04	30.3	114.5	1809	2261	15%
40	92	28.2	225	8.25	28.2	106.9	1856	2320	26%
60	139	42.3	225	8.40	26.0	98.4	1890	2363	36%
80	185	56.3	225	8.45	23.5	88.9	1901	2377	43%
100	231	70.4	225	8.30	20.7	78.3	1868	2334	48%
120	277	84.5	225	8.02	17.3	65.3	1805	2256	50%
140	323	98.6	225	7.37	13.0	49.2	1658	2073	48%
160	370	112.7	225	6.59	7.4	28.1	1483	1853	35%
170	393	119.7	225	6.15	3.8	14.4	1384	1730	20%
180	416	126.8	225	5.58	0.0	0.0	1256	1569	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	8.70	33.9	128.4	2088	2610	0%
20	46	14.1	240	8.83	32.2	121.7	2119	2649	13%
40	92	28.2	240	8.99	30.1	114.1	2158	2697	24%
60	139	42.3	240	9.11	28.0	105.8	2186	2733	33%
80	185	56.3	240	9.20	25.7	97.2	2208	2760	41%
100	231	70.4	240	9.15	23.1	87.5	2196	2745	46%
120	277	84.5	240	8.93	20.3	76.7	2143	2679	49%
140	323	98.6	240	8.52	16.8	63.5	2045	2556	50%
160	370	112.7	240	7.91	12.5	47.5	1898	2373	46%
180	416	126.8	240	7.20	7.3	27.5	1728	2160	33%
190	439	133.8	240	6.71	4.3	16.1	1610	2013	22%
202	467	142.3	240	6.19	0.0	0.0	1486	1857	0%

* Solar array watts using a 20% deration factor.