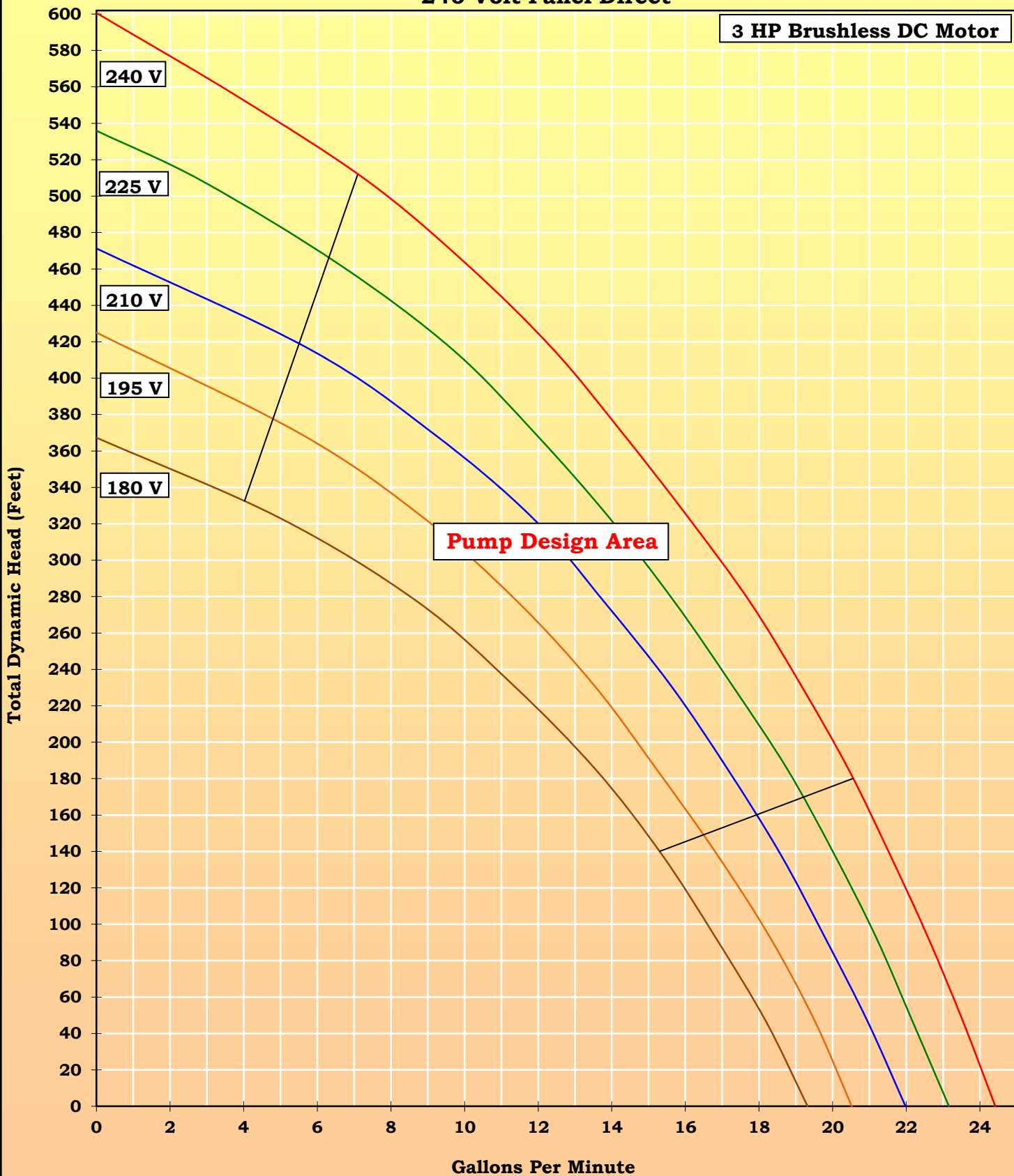


SunPumps Brushless DC Submersible Model SCS 14-380-240Y BL

240 Volt Panel Direct

3 HP Brushless DC Motor



SunPumps Brushless DC Submersible

Model SCS 14-380-240Y 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	6.35	19.32	73.1	1143	1429	0%
20	46	14.1	180	6.40	18.20	68.9	1152	1440	14%
40	92	28.2	180	6.42	16.83	63.7	1156	1445	25%
60	139	42.3	180	6.38	15.35	58.1	1148	1436	35%
80	185	56.3	180	6.28	13.57	51.4	1130	1413	42%
100	231	70.4	180	6.02	11.34	42.9	1084	1355	46%
120	277	84.5	180	5.56	8.72	33.0	1001	1251	45%
140	323	98.6	180	4.62	4.96	18.8	832	1040	36%
159	367	112.0	180	3.31	0.00	0.0	596	745	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	6.93	20.52	77.7	1351	1689	0%
20	46	14.1	195	6.96	19.53	73.9	1357	1697	13%
40	92	28.2	195	6.97	18.31	69.3	1359	1699	23%
60	139	42.3	195	6.94	16.85	63.8	1353	1692	33%
80	185	56.3	195	6.87	15.23	57.6	1340	1675	40%
100	231	70.4	195	6.71	13.53	51.2	1308	1636	45%
120	277	84.5	195	6.40	11.44	43.3	1248	1560	48%
140	323	98.6	195	5.98	8.88	33.6	1166	1458	46%
160	370	112.7	195	5.27	5.53	20.9	1028	1285	37%
184	425	129.6	195	3.76	0.00	0.0	733	917	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	7.82	21.98	83.2	1642	2053	0%
20	46	14.1	210	7.82	20.96	79.3	1642	2053	11%
40	92	28.2	210	7.86	19.80	74.9	1651	2063	21%
60	139	42.3	210	7.84	18.58	70.3	1646	2058	29%
80	185	56.3	210	7.87	17.16	65.0	1653	2066	36%
100	231	70.4	210	7.72	15.61	59.1	1621	2027	42%
120	277	84.5	210	7.55	13.79	52.2	1586	1982	45%
140	323	98.6	210	7.21	11.84	44.8	1514	1893	48%
160	370	112.7	210	6.80	9.15	34.6	1428	1785	45%
180	416	126.8	210	5.91	5.80	22.0	1241	1551	37%
204	471	143.7	210	4.05	0.00	0.0	851	1063	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	8.49	23.16	87.7	1910	2388	0%
20	46	14.1	225	8.52	22.18	84.0	1917	2396	10%
40	92	28.2	225	8.53	21.19	80.2	1919	2399	19%
60	139	42.3	225	8.52	20.04	75.9	1917	2396	27%
80	185	56.3	225	8.48	18.78	71.1	1908	2385	34%
100	231	70.4	225	8.42	17.28	65.4	1895	2368	40%
120	277	84.5	225	8.25	15.70	59.4	1856	2320	44%
140	323	98.6	225	7.96	13.93	52.7	1791	2239	47%
160	370	112.7	225	7.78	11.92	45.1	1751	2188	47%
180	416	126.8	225	7.12	9.67	36.6	1602	2003	47%
200	462	140.9	225	6.33	6.63	25.1	1424	1780	41%
220	508	154.9	225	5.25	2.88	10.9	1181	1477	23%
232	536	163.4	225	4.51	0.00	0.0	1015	1268	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	9.32	24.42	92.4	2237	2796	0%
20	46	14.1	240	9.35	23.55	89.1	2244	2805	9%
40	92	28.2	240	9.40	22.60	85.5	2256	2820	17%
60	139	42.3	240	9.42	21.55	81.6	2261	2826	25%
80	185	56.3	240	9.39	20.44	77.4	2254	2817	32%
100	231	70.4	240	9.37	19.15	72.5	2249	2811	37%
120	277	84.5	240	9.29	17.75	67.2	2230	2787	42%
140	323	98.6	240	9.12	16.08	60.9	2189	2736	45%
160	370	112.7	240	8.76	14.30	54.1	2102	2628	47%
180	416	126.8	240	8.51	12.41	47.0	2042	2553	48%
200	462	140.9	240	8.02	10.09	38.2	1925	2406	46%
220	508	154.9	240	7.34	7.37	27.9	1762	2202	40%
240	554	169.0	240	6.26	3.86	14.6	1502	1878	27%
260	601	183.1	240	4.98	0.00	0.0	1195	1494	0%

* Solar array watts using a 20% deration factor.