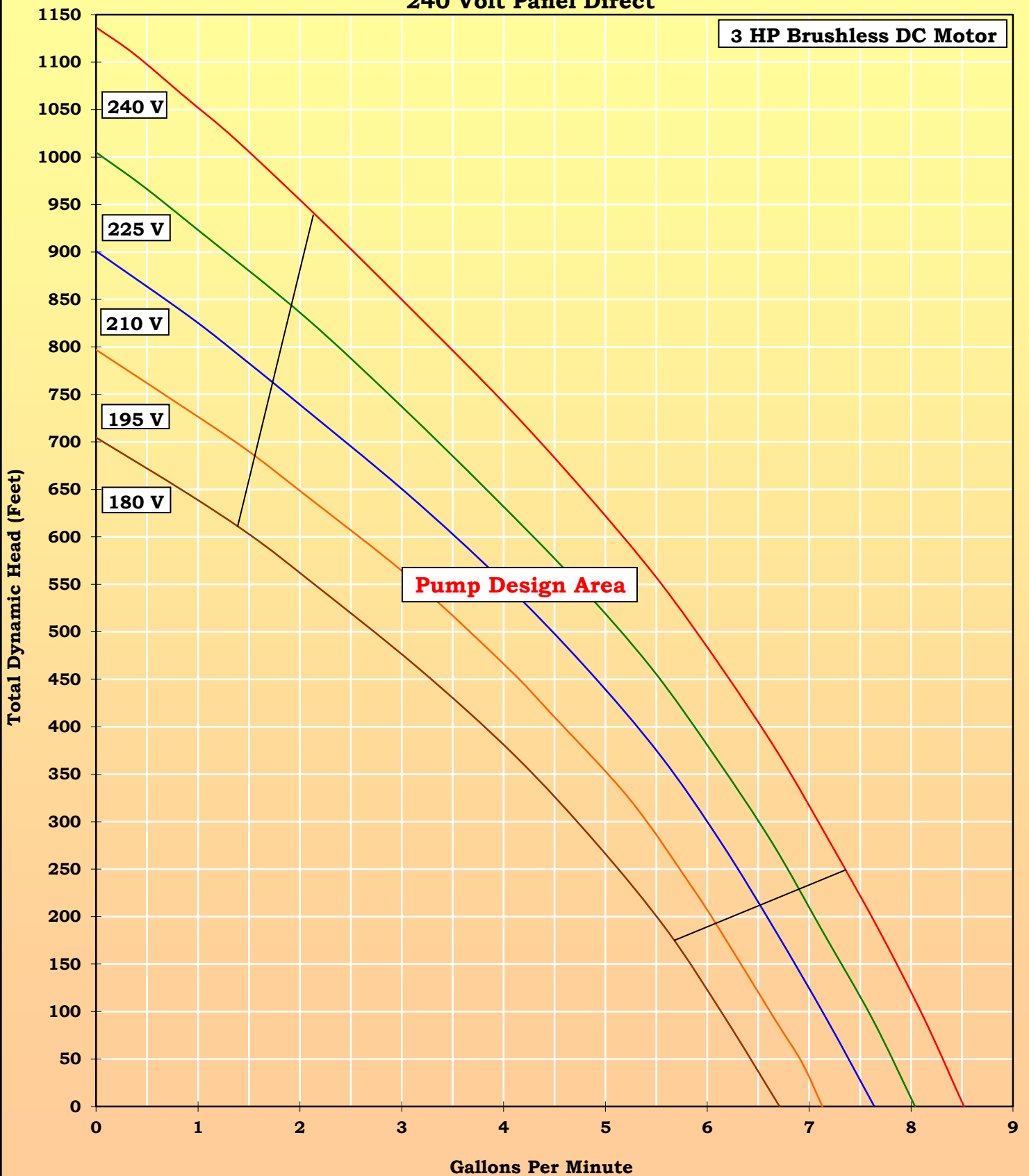


SunPumps Brushless DC Submersible Model SCS 5-625-240Y BL

240 Volt Panel Direct

3 HP Brushless DC Motor



SunPumps Brushless DC Submersible Model SCS 5-625-240Y BLS

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	6.01	6.7	25.4	1082	1352	0%
40	92	28.2	180	6.04	6.2	23.4	1087	1359	10%
80	185	56.3	180	6.05	5.6	21.2	1089	1361	18%
120	277	84.5	180	6.03	4.9	18.6	1085	1357	24%
160	370	112.7	180	5.90	4.1	15.6	1062	1328	27%
200	462	140.9	180	5.72	3.2	12.0	1030	1287	27%
240	554	169.0	180	5.30	2.1	7.9	954	1193	23%
260	601	183.1	180	4.98	1.5	5.8	896	1121	19%
280	647	197.2	180	4.56	0.9	3.3	821	1026	13%
305	705	214.8	180	4.09	0.0	0.0	736	920	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	6.55	7.1	27.0	1277	1597	0%
20	46	14.1	195	6.57	6.9	26.2	1281	1601	5%
40	92	28.2	195	6.58	6.7	25.2	1283	1604	9%
80	185	56.3	195	6.59	6.1	23.2	1285	1606	17%
100	231	70.4	195	6.58	5.9	22.1	1283	1604	20%
140	323	98.6	195	6.57	5.2	19.8	1281	1601	25%
180	416	126.8	195	6.48	4.5	16.8	1264	1580	28%
200	462	140.9	195	6.39	4.0	15.3	1246	1558	28%
240	554	169.0	195	6.17	3.1	11.8	1203	1504	27%
280	647	197.2	195	5.77	2.0	7.6	1125	1406	22%
300	693	211.3	195	5.51	1.5	5.5	1074	1343	18%
320	739	225.4	195	5.19	0.8	3.1	1012	1265	11%
345	797	243.0	195	4.65	0.0	0.0	907	1133	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	7.35	7.6	28.9	1544	1929	0%
40	92	28.2	210	7.36	7.2	27.1	1546	1932	8%
80	185	56.3	210	7.38	6.7	25.2	1550	1937	15%
120	277	84.5	210	7.38	6.1	23.2	1550	1937	21%
160	370	112.7	210	7.38	5.5	21.0	1550	1937	25%
200	462	140.9	210	7.32	4.8	18.2	1537	1922	27%
240	554	169.0	210	7.16	4.0	15.1	1504	1880	28%
280	647	197.2	210	6.90	3.0	11.5	1449	1811	26%
320	739	225.4	210	6.52	2.0	7.6	1369	1712	20%
340	785	239.5	210	6.20	1.5	5.6	1302	1628	17%
360	832	253.5	210	5.78	0.9	3.5	1214	1517	12%
390	901	274.7	210	4.97	0.0	0.0	1044	1305	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	7.95	8.0	30.4	1789	2236	0%
40	92	28.2	225	7.98	7.6	28.8	1796	2244	7%
80	185	56.3	225	8.00	7.1	27.0	1800	2250	14%
120	277	84.5	225	7.99	6.6	25.1	1798	2247	19%
160	370	112.7	225	7.97	6.1	23.0	1793	2242	24%
200	462	140.9	225	7.93	5.5	20.6	1784	2230	27%
240	554	169.0	225	7.82	4.7	17.8	1760	2199	28%
280	647	197.2	225	7.61	3.9	14.6	1712	2140	27%
320	739	225.4	225	7.33	3.0	11.3	1649	2062	25%
360	832	253.5	225	6.93	2.1	7.8	1559	1949	21%
400	924	281.7	225	6.24	1.0	3.7	1404	1755	12%
420	970	295.8	225	5.82	0.5	1.7	1310	1637	6%
435	1005	306.4	225	5.50	0.0	0.0	1238	1547	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	8.74	8.5	32.2	2098	2622	0%
40	92	28.2	240	8.76	8.1	30.8	2102	2628	7%
80	185	56.3	240	8.78	7.7	29.1	2107	2634	13%
120	277	84.5	240	8.80	7.2	27.3	2112	2640	18%
160	370	112.7	240	8.80	6.7	25.4	2112	2640	22%
200	462	140.9	240	8.80	6.1	23.2	2112	2640	25%
240	554	169.0	240	8.76	5.5	20.9	2102	2628	27%
280	647	197.2	240	8.66	4.8	18.2	2078	2598	28%
320	739	225.4	240	8.44	4.0	15.2	2026	2532	28%
360	832	253.5	240	8.16	3.2	12.0	1958	2448	25%
400	924	281.7	240	7.73	2.3	8.7	1855	2319	22%
440	1016	309.9	240	7.17	1.4	5.3	1721	2151	15%
460	1063	324.0	240	6.77	0.9	3.3	1625	2031	11%
480	1109	338.0	240	6.40	0.4	1.4	1536	1920	5%
492	1137	346.5	240	6.08	0.0	0.0	1459	1824	0%

* Solar array watts using a 20% deration factor.