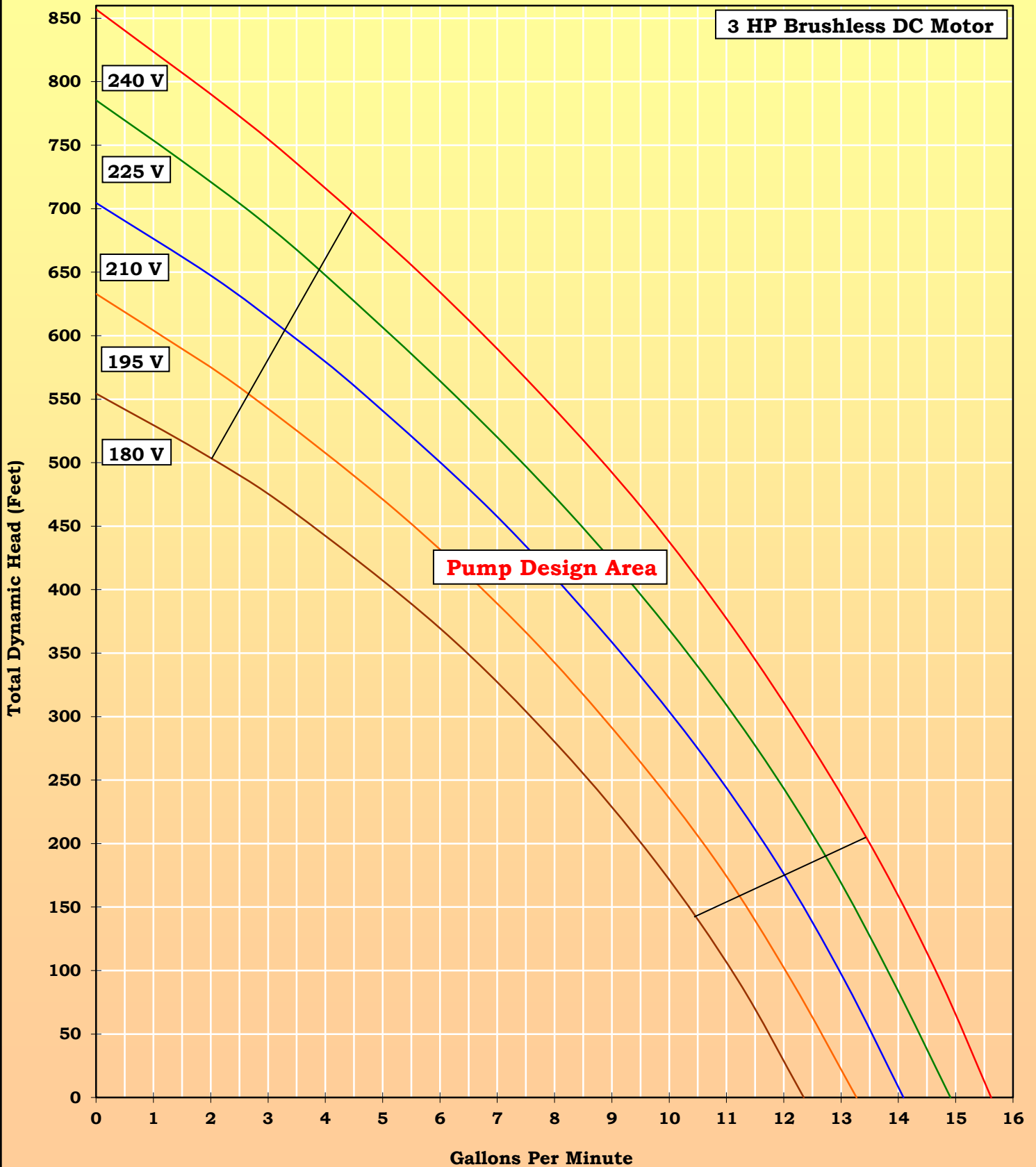


SunPumps Brushless DC Submersible Model SCS 8-540-240Y BL

240 Volt Panel Direct

3 HP Brushless DC Motor



SunPumps Brushless DC Submersible

Model SCS 8-540-240Y 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	5.7	12.4	46.7	1030	1287	0%
40	92	28.2	180	5.9	11.2	42.4	1057	1321	18%
80	185	56.3	180	6.1	9.8	37.0	1103	1379	31%
120	277	84.5	180	6.2	8.1	30.5	1120	1400	38%
160	370	112.7	180	6.0	6.0	22.7	1076	1346	39%
200	462	140.9	180	5.6	3.4	12.9	999	1249	30%
220	508	154.9	180	5.1	1.8	6.9	920	1150	19%
240	554	169.0	180	4.4	0.0	0.0	783	979	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	6.3	13.3	50.2	1223	1528	0%
40	92	28.2	195	6.5	12.1	45.9	1258	1572	17%
80	185	56.3	195	6.6	10.8	41.0	1287	1609	29%
120	277	84.5	195	6.7	9.3	35.0	1308	1636	37%
160	370	112.7	195	6.6	7.4	28.1	1285	1606	40%
200	462	140.9	195	6.3	5.2	19.8	1229	1536	37%
240	554	169.0	195	5.9	2.7	10.0	1147	1433	24%
260	601	183.1	195	5.4	1.1	4.2	1047	1309	12%
274	633	193.0	195	5.0	0.0	0.0	973	1216	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	7.1	14.1	53.3	1483	1853	0%
40	92	28.2	210	7.2	13.1	49.4	1520	1901	15%
80	185	56.3	210	7.5	11.9	45.0	1567	1958	26%
120	277	84.5	210	7.6	10.5	39.6	1596	1995	34%
160	370	112.7	210	7.6	8.8	33.3	1592	1990	38%
200	462	140.9	210	7.5	6.9	26.1	1571	1964	38%
240	554	169.0	210	7.2	4.7	17.6	1520	1901	32%
260	601	183.1	210	7.1	3.4	12.9	1485	1856	26%
280	647	197.2	210	6.5	2.0	7.6	1355	1693	18%
305	705	214.8	210	5.5	0.0	0.0	1161	1452	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	7.6	14.9	56.4	1712	2140	0%
40	92	28.2	225	7.8	13.9	52.6	1755	2194	14%
80	185	56.3	225	8.0	12.8	48.4	1798	2247	25%
120	277	84.5	225	8.1	11.5	43.5	1816	2270	33%
160	370	112.7	225	8.2	10.0	37.8	1838	2298	38%
200	462	140.9	225	8.1	8.2	31.2	1823	2278	39%
240	554	169.0	225	7.8	6.2	23.6	1755	2194	37%
280	647	197.2	225	7.6	4.0	15.2	1699	2123	29%
300	693	211.3	225	7.2	2.8	10.7	1618	2022	23%
320	739	225.4	225	6.6	1.5	5.5	1494	1868	14%
340	785	239.5	225	6.0	0.0	0.0	1357	1696	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	8.4	15.6	59.1	2018	2523	0%
40	92	28.2	240	8.6	14.7	55.8	2064	2580	12%
80	185	56.3	240	8.8	13.7	51.8	2117	2646	23%
120	277	84.5	240	9.0	12.5	47.2	2167	2709	30%
160	370	112.7	240	9.2	11.1	42.1	2196	2745	35%
200	462	140.9	240	9.1	9.6	36.2	2191	2739	38%
240	554	169.0	240	9.1	7.8	29.3	2189	2736	37%
280	647	197.2	240	9.0	5.7	21.6	2160	2700	32%
320	739	225.4	240	8.8	3.4	12.9	2105	2631	23%
340	785	239.5	240	8.5	2.1	8.1	2035	2544	16%
360	832	253.5	240	7.6	0.8	2.9	1826	2283	7%
371	857	261.3	240	7.1	0.0	0.0	1704	2130	0%

* Solar array watts using a 20% deration factor.