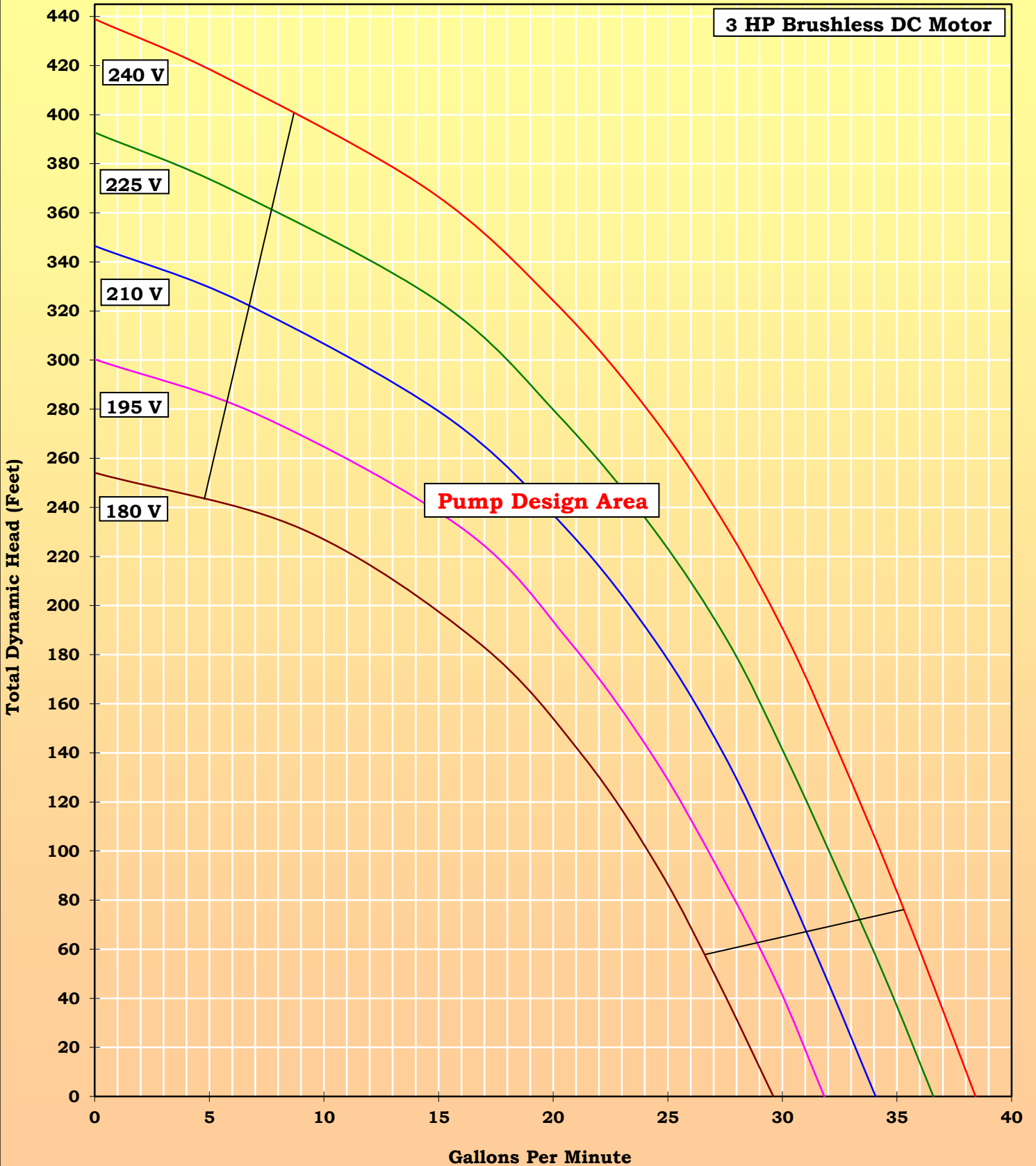


SunPumps Brushless DC Submersible Model SCS 22-300-240 BL

240 Volt Panel Direct

3 HP Brushless DC Motor



SunPumps Brushless DC Submersible

Model SCS 22-300-240 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	7.21	29.6	112.1	1298	1622	0%
20	46	14.1	180	7.30	27.2	103.1	1314	1643	18%
40	92	28.2	180	7.31	24.6	93.2	1316	1645	33%
60	139	42.3	180	7.07	21.3	80.7	1273	1591	44%
80	185	56.3	180	6.57	16.8	63.4	1183	1478	49%
100	231	70.4	180	5.35	9.1	34.4	963	1204	41%
110	254	77.5	180	3.58	0.0	0.0	644	806	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	8.09	31.8	120.5	1578	1972	0%
20	46	14.1	195	8.26	29.8	112.6	1611	2013	16%
40	92	28.2	195	8.26	27.2	103.0	1611	2013	29%
60	139	42.3	195	8.14	24.4	92.2	1587	1984	40%
80	185	56.3	195	7.70	20.8	78.6	1502	1877	48%
100	231	70.4	195	6.96	16.1	60.9	1357	1697	52%
120	277	84.5	195	5.21	7.3	27.5	1016	1270	37%
130	300	91.6	195	3.97	0.0	0.0	774	968	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	9.09	34.1	129.0	1909	2386	0%
20	46	14.1	210	9.19	32.0	121.2	1930	2412	14%
40	92	28.2	210	9.23	29.9	113.0	1938	2423	27%
60	139	42.3	210	9.22	27.5	104.0	1936	2420	37%
80	185	56.3	210	9.03	24.5	92.8	1896	2370	45%
100	231	70.4	210	8.58	20.6	78.0	1802	2252	50%
120	277	84.5	210	7.83	15.3	57.9	1644	2055	49%
140	323	98.6	210	5.98	6.5	24.5	1256	1570	31%
150	347	105.6	210	4.56	0.0	0.0	958	1197	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	10.34	36.6	138.5	2327	2908	0%
20	46	14.1	225	10.39	34.6	130.9	2338	2922	13%
40	92	28.2	225	10.41	32.4	122.6	2342	2928	24%
60	139	42.3	225	10.38	30.1	114.1	2336	2919	34%
80	185	56.3	225	10.25	27.7	104.7	2306	2883	42%
100	231	70.4	225	9.79	24.4	92.3	2203	2753	48%
120	277	84.5	225	9.20	20.3	76.7	2070	2588	51%
140	323	98.6	225	8.25	15.1	57.0	1856	2320	49%
160	370	112.7	225	6.10	5.9	22.4	1373	1716	30%
170	393	119.7	225	4.99	0.0	0.0	1123	1403	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	11.03	38.4	145.5	2647	3309	0%
20	46	14.1	240	11.13	36.6	138.3	2671	3339	12%
40	92	28.2	240	11.19	34.6	131.0	2686	3357	22%
60	139	42.3	240	11.22	32.5	123.1	2693	3366	32%
80	185	56.3	240	11.21	30.3	114.8	2690	3363	39%
100	231	70.4	240	11.02	27.6	104.6	2645	3306	45%
120	277	84.5	240	10.61	24.3	92.1	2546	3183	50%
140	323	98.6	240	10.08	20.1	76.0	2419	3024	51%
160	370	112.7	240	9.09	14.5	55.0	2182	2727	46%
180	416	126.8	240	6.90	5.6	21.1	1656	2070	26%
190	439	133.8	240	5.74	0.0	0.0	1378	1722	0%

* Solar array watts using a 20% deration factor.