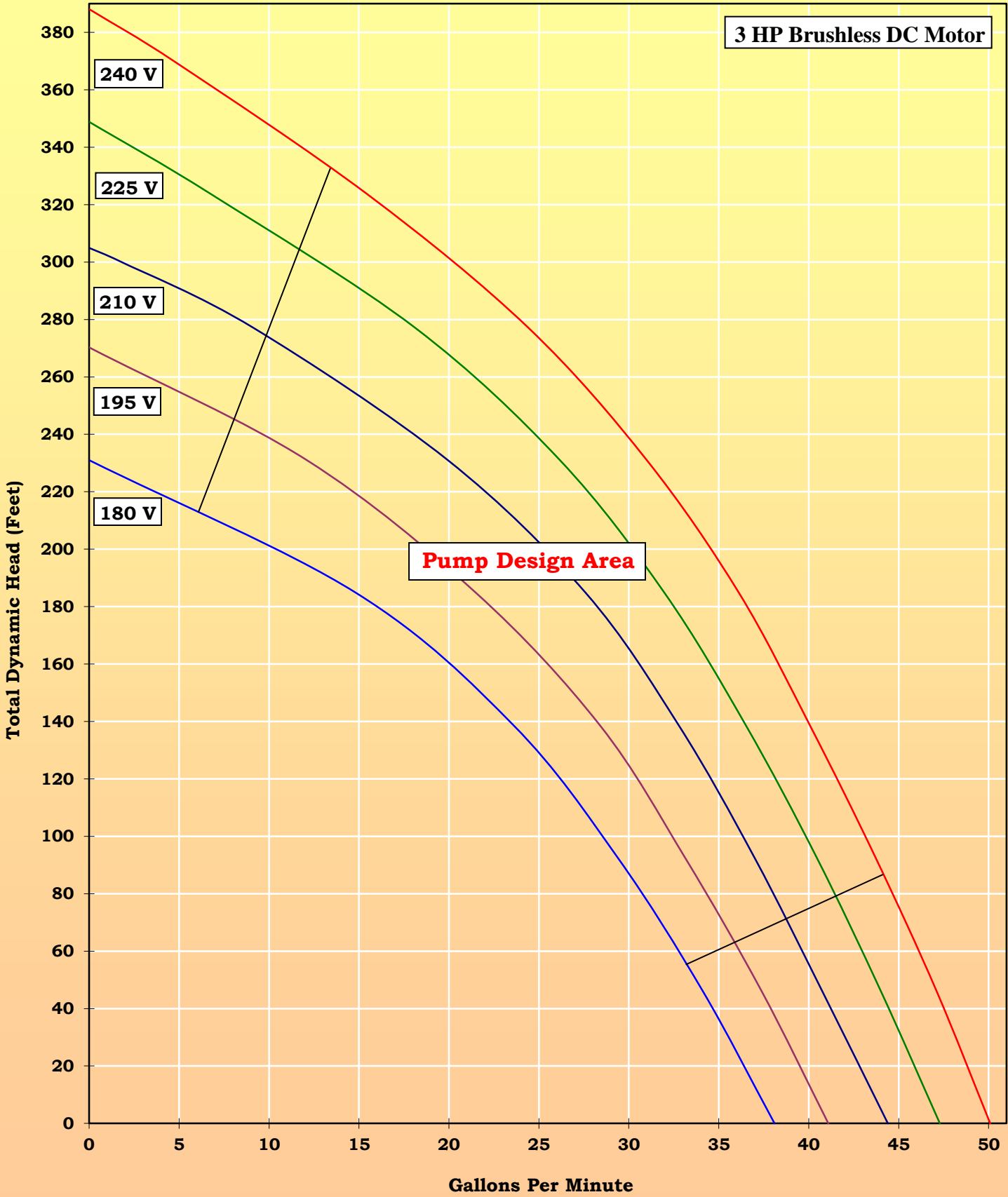


SunPumps Brushless DC Submersible Model SCS 30-240-240 BL

240 Volt Panel Direct



3 HP Brushless DC Motor

240 V

225 V

210 V

195 V

180 V

Pump Design Area

Total Dynamic Head (Feet)

Gallons Per Minute

SunPumps Brushless DC Submersible Pump

Model SCS 30-240-240 BL

3 HP 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	38.1	144.2	1019	1274	0%
20	46	14.1	180	6.2	34.1	129.1	1116	1395	27%
40	92	28.2	180	6.9	29.4	111.3	1233	1541	42%
60	139	42.3	180	7.2	23.6	89.3	1291	1613	48%
80	185	56.3	180	6.7	14.8	56.1	1197	1496	43%
100	231	70.4	180	4.7	0.0	0.0	841	1051	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	41.1	155.5	1227	1533	0%
20	46	14.1	195	6.9	37.4	141.4	1336	1670	24%
40	92	28.2	195	7.5	33.1	125.4	1466	1833	39%
60	139	42.3	195	8.0	28.4	107.5	1552	1940	48%
80	185	56.3	195	8.0	21.5	81.4	1552	1940	48%
100	231	70.4	195	6.9	12.1	45.8	1351	1689	39%
117	270	82.4	195	5.3	0.0	0.0	1024	1280	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	44.4	168.1	1485	1856	0%
20	46	14.1	210	7.7	40.7	154.2	1615	2019	22%
40	92	28.2	210	8.4	37.0	140.0	1760	2200	37%
60	139	42.3	210	9.0	32.8	124.1	1880	2349	46%
80	185	56.3	210	9.2	27.6	104.5	1936	2420	50%
100	231	70.4	210	8.9	19.9	75.5	1869	2336	46%
120	277	84.5	210	7.8	9.1	34.4	1628	2034	29%
130	300	91.6	210	6.6	1.7	6.4	1386	1733	7%
132	305	93.0	210	6.1	0.0	0.0	1289	1612	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	7.9	47.3	179.0	1771	2213	0%
20	46	14.1	225	8.4	44.0	166.5	1890	2363	20%
40	92	28.2	225	9.1	40.5	153.1	2048	2559	34%
60	139	42.3	225	9.7	36.5	138.2	2185	2731	44%
80	185	56.3	225	10.1	32.0	121.0	2268	2835	49%
100	231	70.4	225	10.2	26.2	99.1	2293	2866	50%
120	277	84.5	225	9.5	18.1	68.5	2142	2678	44%
140	323	98.6	225	8.0	6.8	25.9	1805	2256	23%
150	347	105.6	225	7.0	0.6	2.4	1571	1963	3%
151	349	106.3	225	6.8	0.0	0.0	1535	1918	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	8.6	50.1	189.6	2069	2586	0%
20	46	14.1	240	9.2	47.1	178.3	2196	2745	19%
40	92	28.2	240	9.9	43.7	165.5	2364	2955	32%
60	139	42.3	240	10.5	40.1	151.7	2527	3159	41%
80	185	56.3	240	11.0	36.1	136.7	2650	3312	47%
100	231	70.4	240	11.3	31.0	117.3	2702	3378	50%
120	277	84.5	240	11.1	24.4	92.4	2669	3336	48%
140	323	98.6	240	10.2	15.5	58.7	2448	3060	39%
160	370	112.7	240	8.7	4.8	18.2	2093	2616	16%
168	388	118.3	240	7.8	0.0	0.0	1860	2325	0%

* Solar array watts using a 20% deration factor.