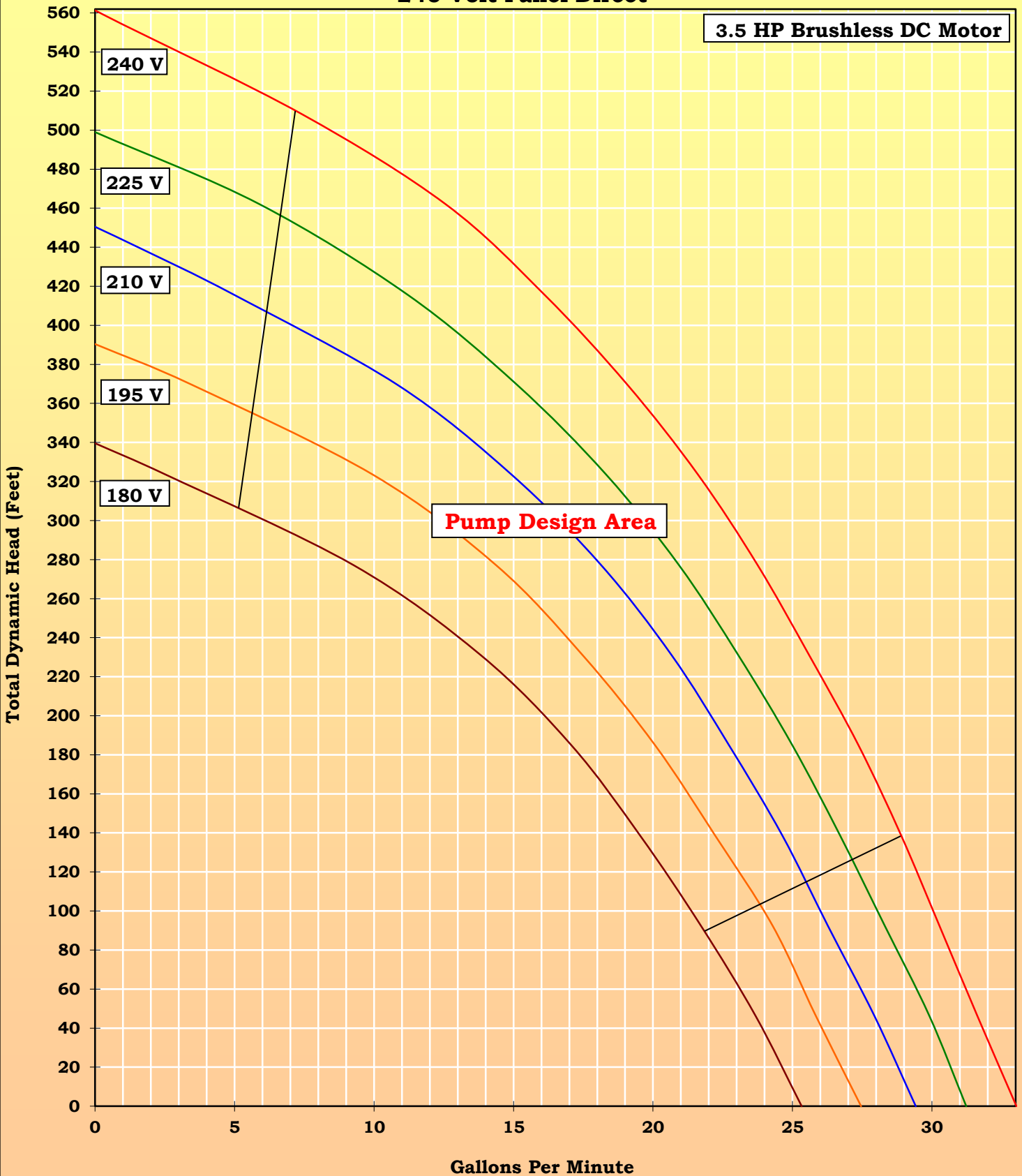


# SunPumps Brushless DC Submersible Model SCS 20-350-240 BL

240 Volt Panel Direct

3.5 HP Brushless DC Motor



# SunPumps Brushless DC Submersible

## Model SCS 20-350-240 BLS

### 3.5 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	6.81	25.3	95.9	1226	1532	0%
20	46	14.1	180	7.01	23.7	89.6	1262	1577	16%
40	92	28.2	180	7.19	21.7	82.2	1294	1618	29%
60	139	42.3	180	7.33	19.5	74.0	1319	1649	39%
80	185	56.3	180	7.26	17.1	64.6	1307	1634	46%
100	231	70.4	180	6.92	13.8	52.3	1246	1557	48%
120	277	84.5	180	6.20	9.3	35.0	1116	1395	43%
140	323	98.6	180	4.92	2.6	9.7	886	1107	18%
147	340	103.5	180	4.71	0.0	0.0	848	1060	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	7.72	27.5	103.9	1505	1882	0%
20	46	14.1	195	7.87	25.8	97.8	1535	1918	15%
40	92	28.2	195	8.07	24.3	91.9	1574	1967	27%
60	139	42.3	195	8.25	22.2	84.1	1609	2011	36%
80	185	56.3	195	8.27	20.1	76.0	1613	2016	43%
100	231	70.4	195	8.02	17.5	66.2	1564	1955	49%
120	277	84.5	195	7.59	14.4	54.4	1480	1850	51%
140	323	98.6	195	6.78	10.0	37.7	1322	1653	46%
160	370	112.7	195	5.54	3.5	13.1	1080	1350	22%
169	390	119.0	195	5.24	0.0	0.0	1022	1277	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	8.65	29.4	111.4	1817	2271	0%
20	46	14.1	210	8.80	27.9	105.8	1848	2310	13%
40	92	28.2	210	9.03	26.3	99.4	1896	2370	24%
60	139	42.3	210	9.22	24.6	93.3	1936	2420	33%
80	185	56.3	210	9.28	22.7	86.0	1949	2436	41%
100	231	70.4	210	9.32	20.7	78.2	1957	2447	46%
120	277	84.5	210	9.11	18.1	68.7	1913	2391	50%
140	323	98.6	210	8.68	14.9	56.5	1823	2279	50%
160	370	112.7	210	7.94	10.8	41.0	1667	2084	45%
180	416	126.8	210	6.75	5.0	18.8	1418	1772	27%
190	439	133.8	210	6.16	1.7	6.4	1294	1617	11%
195	450	137.3	210	5.97	0.0	0.0	1254	1567	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	9.70	31.2	118.2	2183	2728	0%
20	46	14.1	225	9.87	29.9	113.2	2221	2776	12%
40	92	28.2	225	10.04	28.3	107.2	2259	2824	22%
60	139	42.3	225	10.26	26.7	101.1	2309	2886	30%
80	185	56.3	225	10.44	25.0	94.6	2349	2936	37%
100	231	70.4	225	10.49	23.1	87.3	2360	2950	43%
120	277	84.5	225	10.34	20.9	79.2	2327	2908	47%
140	323	98.6	225	9.96	18.3	69.4	2241	2801	50%
160	370	112.7	225	9.49	15.1	57.2	2135	2669	49%
180	416	126.8	225	8.71	11.2	42.4	1960	2450	45%
200	462	140.9	225	7.61	5.9	22.3	1712	2140	30%
216	499	152.1	225	6.51	0.0	0.0	1465	1831	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	10.48	33.0	125.0	2515	3144	0%
20	46	14.1	240	10.64	31.6	119.7	2554	3192	11%
40	92	28.2	240	10.87	30.3	114.6	2609	3261	20%
60	139	42.3	240	11.10	28.9	109.4	2664	3330	28%
80	185	56.3	240	11.28	27.4	103.6	2707	3384	35%
100	231	70.4	240	11.29	25.6	96.9	2710	3387	41%
120	277	84.5	240	11.31	23.8	89.9	2714	3393	46%
140	323	98.6	240	11.24	21.6	81.8	2698	3372	49%
160	370	112.7	240	10.93	19.1	72.2	2623	3279	51%
180	416	126.8	240	10.44	16.1	60.9	2506	3132	50%
200	462	140.9	240	9.78	12.6	47.6	2347	2934	47%
220	508	154.9	240	8.77	7.4	28.0	2105	2631	34%
240	554	169.0	240	7.51	1.0	3.6	1802	2253	6%
243	561	171.1	240	7.24	0.0	0.0	1738	2172	0%

\* Solar array watts using a 20% deration factor.