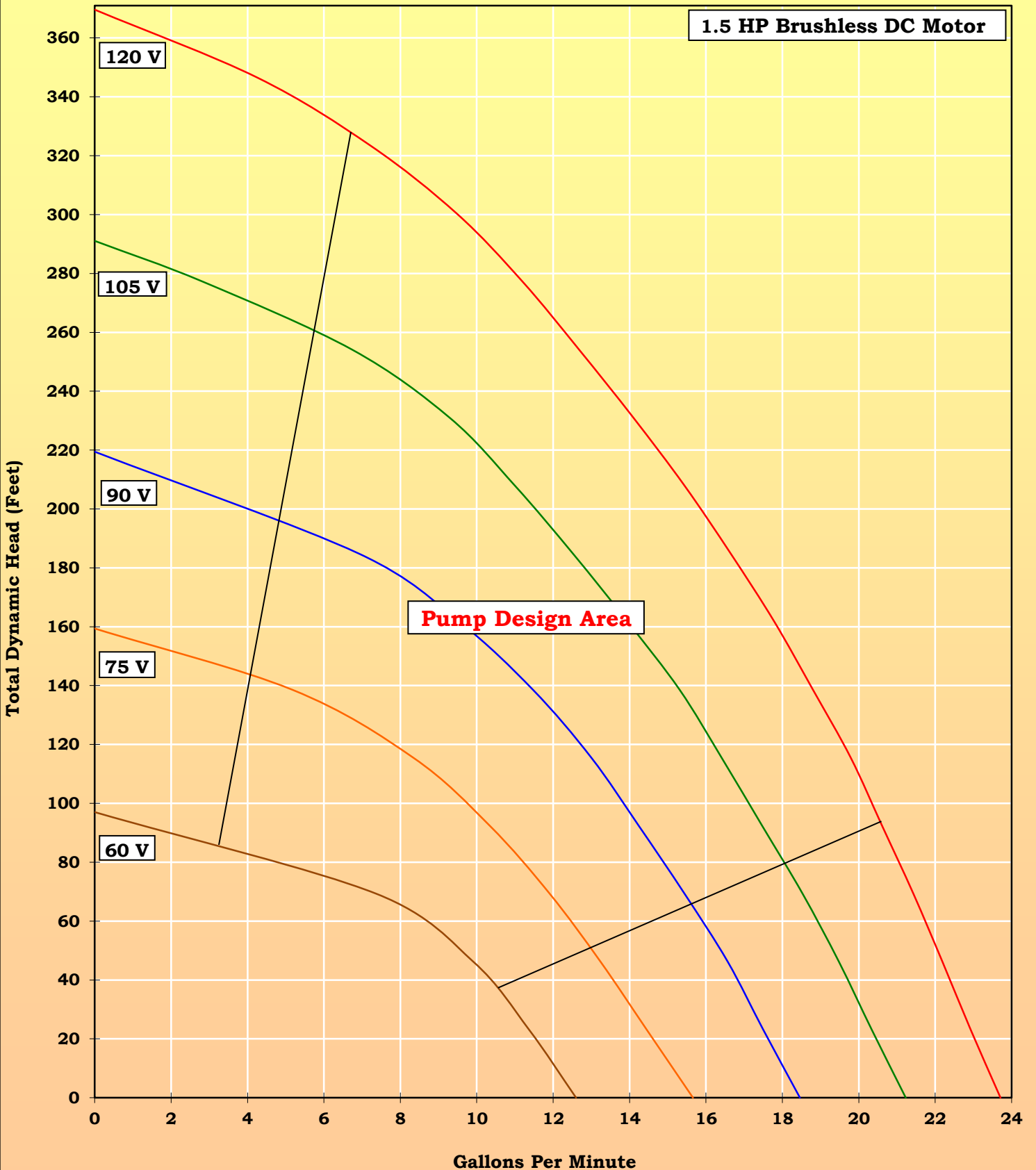


SunPumps Brushless DC Submersible Model SCS 12-265-120 BL

120 Volt Panel Direct



SunPumps Brushless DC Submersible Model SCS 12-265-120 BL

120 Volt 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	60	4.3	12.6	47.7	256	320	0%
10	23	7.0	60	4.3	11.4	43.0	257	322	19%
20	46	14.1	60	4.2	9.9	37.5	254	318	34%
30	69	21.1	60	4.0	7.4	27.9	240	300	40%
42	97	29.6	60	2.3	0.0	0.0	139	173	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	75	5.9	15.7	59.3	443	553	0%
10	23	7.0	75	6.0	14.5	54.7	447	559	14%
20	46	14.1	75	5.9	13.2	50.1	446	557	26%
30	69	21.1	75	5.9	11.9	45.1	440	549	35%
40	92	28.2	75	5.7	10.3	39.1	428	535	42%
50	116	35.2	75	5.4	8.3	31.6	401	502	45%
60	139	42.3	75	4.6	5.2	19.6	345	431	39%
69	159	48.6	75	3.1	0.0	0.0	233	292	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	90	7.9	18.5	69.9	708	885	0%
10	23	7.0	90	7.9	17.5	66.2	710	888	11%
20	46	14.1	90	7.9	16.6	62.7	711	889	20%
30	69	21.1	90	7.9	15.4	58.4	709	887	28%
40	92	28.2	90	7.8	14.2	53.9	706	882	35%
50	116	35.2	90	7.7	13.0	49.2	694	867	41%
60	139	42.3	90	7.5	11.5	43.4	674	843	44%
70	162	49.3	90	7.1	9.5	36.1	635	794	46%
80	185	56.3	90	6.5	6.9	26.2	584	730	41%
95	219	66.9	90	4.0	0.0	0.0	356	446	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	105	9.8	21.2	80.4	1032	1290	0%
10	23	7.0	105	9.8	20.3	77.0	1033	1292	9%
20	46	14.1	105	9.9	19.5	73.7	1034	1293	16%
30	69	21.1	105	9.9	18.5	70.1	1034	1293	23%
40	92	28.2	105	9.8	17.5	66.1	1030	1288	30%
50	116	35.2	105	9.7	16.4	62.1	1022	1277	35%
60	139	42.3	105	9.7	15.3	57.9	1016	1271	39%
70	162	49.3	105	9.5	14.0	52.8	1000	1250	43%
80	185	56.3	105	9.3	12.5	47.4	977	1221	45%
90	208	63.4	105	8.9	11.0	41.6	930	1163	46%
100	231	70.4	105	8.4	9.3	35.2	885	1106	46%
110	254	77.5	105	7.8	6.7	25.5	816	1020	40%
120	277	84.5	105	6.4	2.8	10.7	672	840	22%
126	291	88.7	105	5.0	0.0	0.0	520	650	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	120	11.8	23.7	89.7	1415	1769	0%
10	23	7.0	120	11.8	22.9	86.8	1421	1776	7%
20	46	14.1	120	11.9	22.2	84.0	1426	1782	14%
30	69	21.1	120	11.9	21.4	81.1	1426	1782	20%
40	92	28.2	120	11.9	20.6	78.0	1424	1781	25%
50	116	35.2	120	11.8	19.8	74.9	1420	1775	30%
60	139	42.3	120	11.8	18.8	71.2	1412	1766	35%
70	162	49.3	120	11.7	17.8	67.3	1408	1760	38%
80	185	56.3	120	11.6	16.7	63.0	1394	1743	42%
90	208	63.4	120	11.5	15.4	58.4	1374	1718	44%
100	231	70.4	120	11.2	14.1	53.4	1340	1676	46%
110	254	77.5	120	10.8	12.7	48.0	1301	1626	47%
120	277	84.5	120	10.5	11.2	42.4	1254	1568	47%
130	300	91.6	120	9.9	9.5	35.9	1193	1491	45%
140	323	98.6	120	9.1	7.2	27.3	1094	1368	40%
150	347	105.6	120	8.1	4.3	16.1	968	1211	29%
160	370	112.7	120	6.0	0.0	0.0	719	899	0%

* Solar Array watts using a 20% deration factor.