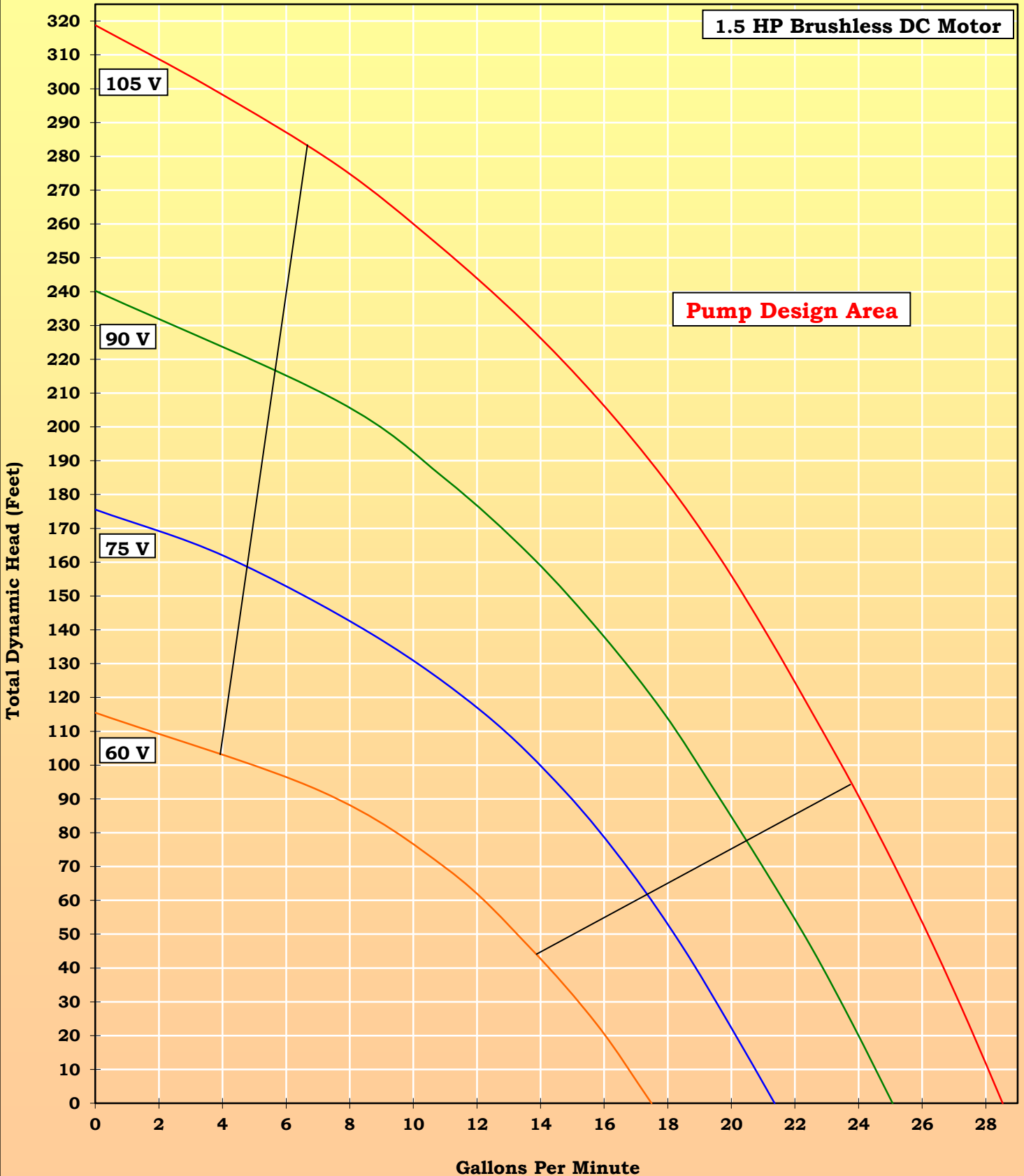


# SunPumps Brushless DC Submersible Model SCS 16-200-105 BL

105 Volt Panel Direct



# *SunPumps Brushless DC Submersible*

## Model SCS 16-200-105 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	5.1	17.5	66.2	307	383	0%
10	23	7.0	60	5.3	15.8	59.8	316	395	22%
20	46	14.1	60	5.4	13.7	51.7	326	407	36%
30	69	21.1	60	5.3	11.1	41.9	320	401	45%
40	92	28.2	60	4.7	7.1	26.7	283	353	43%
50	116	35.2	60	3.5	0.0	0.0	209	262	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	7.1	21.4	80.8	533	667	0%
10	23	7.0	75	7.3	20.0	75.5	546	683	16%
20	46	14.1	75	7.5	18.5	69.9	561	701	29%
30	69	21.1	75	7.6	16.8	63.5	572	714	38%
40	92	28.2	75	7.6	14.8	55.8	570	713	45%
50	116	35.2	75	7.3	12.2	46.2	548	685	48%
60	139	42.3	75	6.6	8.7	33.0	494	617	46%
70	162	49.3	75	5.6	4.1	15.4	417	521	30%
76	176	53.5	75	4.9	0.0	0.0	365	457	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	9.3	25.1	94.9	841	1051	0%
10	23	7.0	90	9.5	23.8	90.2	852	1065	12%
20	46	14.1	90	9.6	22.5	85.2	868	1085	23%
30	69	21.1	90	9.8	21.0	79.6	881	1101	31%
40	92	28.2	90	9.9	19.5	73.7	889	1112	38%
50	116	35.2	90	9.9	17.9	67.6	891	1114	44%
60	139	42.3	90	9.7	15.9	60.3	877	1096	47%
70	162	49.3	90	9.4	13.7	51.9	847	1059	49%
80	185	56.3	90	8.9	11.0	41.6	798	998	48%
90	208	63.4	90	8.1	7.6	28.7	730	912	41%
104	240	73.2	90	6.5	0.0	0.0	584	730	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	11.7	28.5	108.0	1232	1540	0%
10	23	7.0	105	11.8	27.5	104.0	1238	1547	10%
20	46	14.1	105	12.0	26.4	99.8	1259	1574	18%
30	69	21.1	105	12.1	25.2	95.3	1272	1589	26%
40	92	28.2	105	12.4	23.9	90.5	1297	1621	32%
50	116	35.2	105	12.4	22.5	85.3	1304	1630	38%
60	139	42.3	105	12.5	21.1	80.0	1309	1637	42%
70	162	49.3	105	12.4	19.6	74.2	1306	1633	46%
80	185	56.3	105	12.3	17.9	67.6	1286	1608	48%
90	208	63.4	105	11.9	15.8	60.0	1252	1565	50%
100	231	70.4	105	11.5	13.5	51.1	1211	1513	48%
110	254	77.5	105	10.9	10.8	40.7	1139	1424	45%
120	277	84.5	105	10.2	7.6	28.9	1066	1332	37%
130	300	91.6	105	9.2	3.6	13.7	961	1201	21%
138	319	97.2	105	8.3	0.0	0.0	868	1085	0%

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