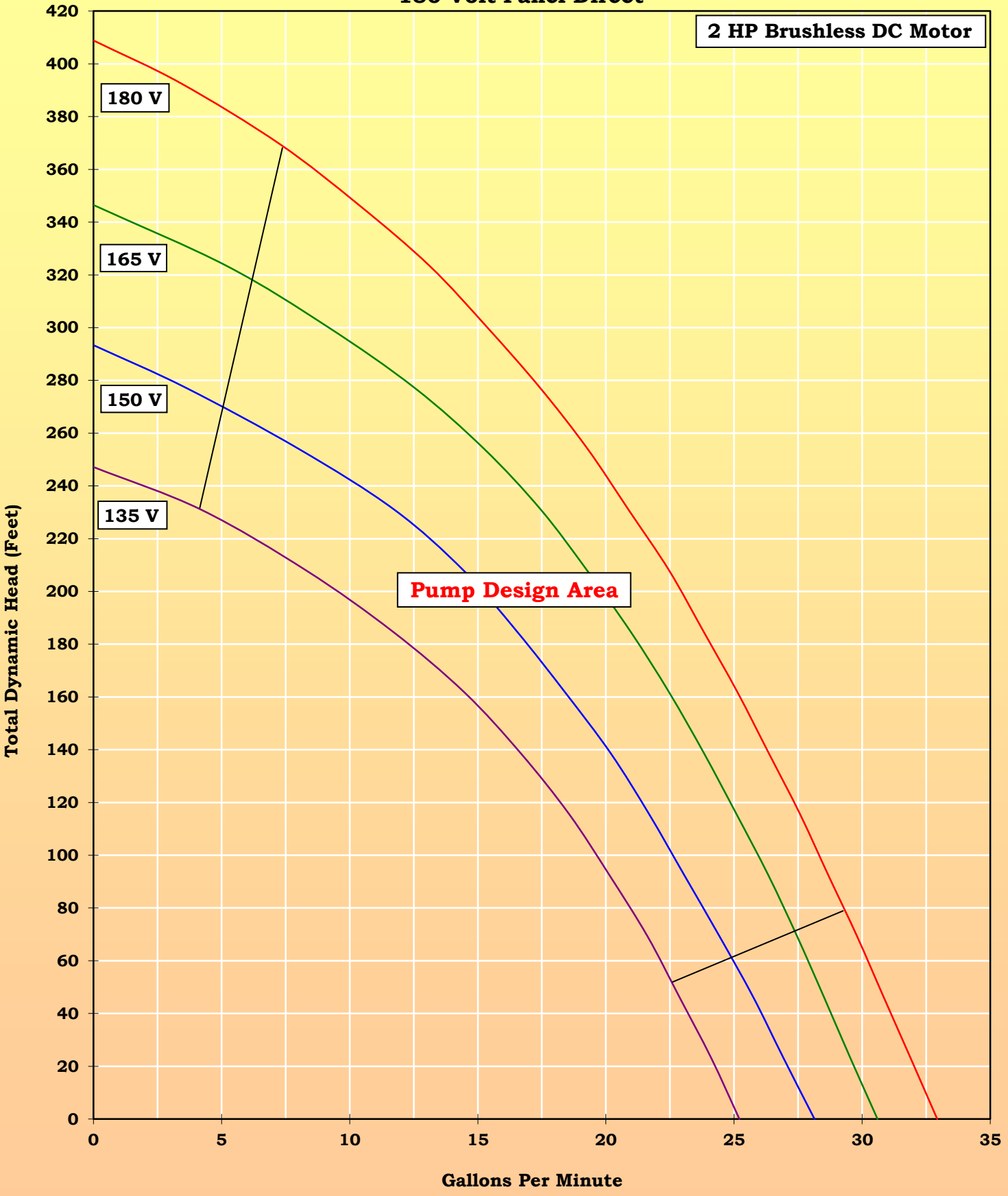


# SunPumps Brushless DC Submersible Model SCS 17-280-180 BL

180 Volt Panel Direct

2 HP Brushless DC Motor



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2 HP Brushless DC Motor

180 Volt Panel Direct System

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0.0	135	6.59	25.2	95.4	890	1112	0%
10	23	7.0	135	6.73	24.1	91.3	909	1136	12%
20	46	14.1	135	6.84	22.9	86.6	923	1154	22%
30	69	21.1	135	6.99	21.6	81.8	944	1180	30%
40	92	28.2	135	7.08	20.1	76.2	956	1195	37%
50	116	35.2	135	7.10	18.6	70.3	959	1198	42%
60	139	42.3	135	7.00	16.7	63.1	945	1181	46%
70	162	49.3	135	6.76	14.5	54.8	913	1141	48%
80	185	56.3	135	6.41	11.7	44.2	865	1082	47%
90	208	63.4	135	5.88	8.3	31.5	794	992	41%
100	231	70.4	135	5.04	4.2	15.9	680	851	27%
107	247	75.4	135	4.62	0.0	0.0	624	780	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0.0	150	7.77	28.1	106.5	1166	1457	0%
10	23	7.0	150	7.90	26.9	101.9	1185	1481	10%
20	46	14.1	150	8.04	25.8	97.5	1206	1508	19%
30	69	21.1	150	8.12	24.4	92.5	1218	1523	26%
40	92	28.2	150	8.19	23.1	87.3	1229	1536	33%
50	116	35.2	150	8.27	21.7	82.1	1241	1551	38%
60	139	42.3	150	8.28	20.2	76.4	1242	1553	42%
70	162	49.3	150	8.17	18.4	69.7	1226	1532	46%
80	185	56.3	150	8.03	16.5	62.6	1205	1506	48%
90	208	63.4	150	7.63	14.5	54.7	1145	1431	49%
100	231	70.4	150	7.17	11.7	44.4	1076	1344	48%
110	254	77.5	150	6.64	8.0	30.3	996	1245	38%
120	277	84.5	150	5.93	3.6	13.7	890	1112	21%
127	293	89.4	150	5.34	0.0	0.0	801	1001	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0.0	165	9.02	30.6	115.8	1488	1860	0%
10	23	7.0	165	9.18	29.5	111.8	1515	1893	8%
20	46	14.1	165	9.34	28.5	107.9	1541	1926	16%
30	69	21.1	165	9.44	27.5	103.9	1558	1947	23%
40	92	28.2	165	9.57	26.3	99.7	1579	1974	29%
50	116	35.2	165	9.66	25.1	95.0	1594	1992	34%
60	139	42.3	165	9.73	23.8	90.2	1605	2007	39%
70	162	49.3	165	9.76	22.5	85.0	1610	2013	43%
80	185	56.3	165	9.69	21.0	79.3	1599	1999	46%
90	208	63.4	165	9.56	19.3	72.9	1577	1972	48%
100	231	70.4	165	9.36	17.5	66.1	1544	1931	49%
110	254	77.5	165	9.02	15.2	57.7	1488	1860	49%
120	277	84.5	165	8.68	12.5	47.4	1432	1790	46%
130	300	91.6	165	8.09	9.1	34.6	1335	1669	39%
140	323	98.6	165	7.52	5.2	19.7	1241	1551	26%
150	347	105.6	165	6.31	0.0	0.0	1041	1301	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0.0	180	10.14	32.9	124.6	1825	2282	0%
10	23	7.0	180	10.30	31.9	120.7	1854	2318	7%
20	46	14.1	180	10.43	30.8	116.7	1877	2347	14%
30	69	21.1	180	10.54	29.8	112.8	1897	2372	21%
40	92	28.2	180	10.67	28.7	108.6	1921	2401	26%
50	116	35.2	180	10.75	27.6	104.4	1935	2419	31%
60	139	42.3	180	10.83	26.4	99.8	1949	2437	35%
70	162	49.3	180	10.88	25.1	95.2	1958	2448	39%
80	185	56.3	180	10.88	23.8	90.1	1958	2448	42%
90	208	63.4	180	10.82	22.5	85.0	1948	2435	45%
100	231	70.4	180	10.70	20.9	79.0	1926	2408	47%
110	254	77.5	180	10.49	19.3	73.0	1888	2360	49%
120	277	84.5	180	10.28	17.4	66.0	1850	2313	49%
130	300	91.6	180	9.76	15.4	58.1	1757	2196	49%
140	323	98.6	180	9.39	13.1	49.7	1690	2113	47%
150	347	105.6	180	8.90	10.4	39.2	1602	2003	42%
160	370	112.7	180	8.41	7.3	27.5	1514	1892	33%
170	393	119.7	180	7.62	3.4	12.9	1372	1715	18%
177	409	124.7	180	7.08	0.0	0.0	1274	1593	0%

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