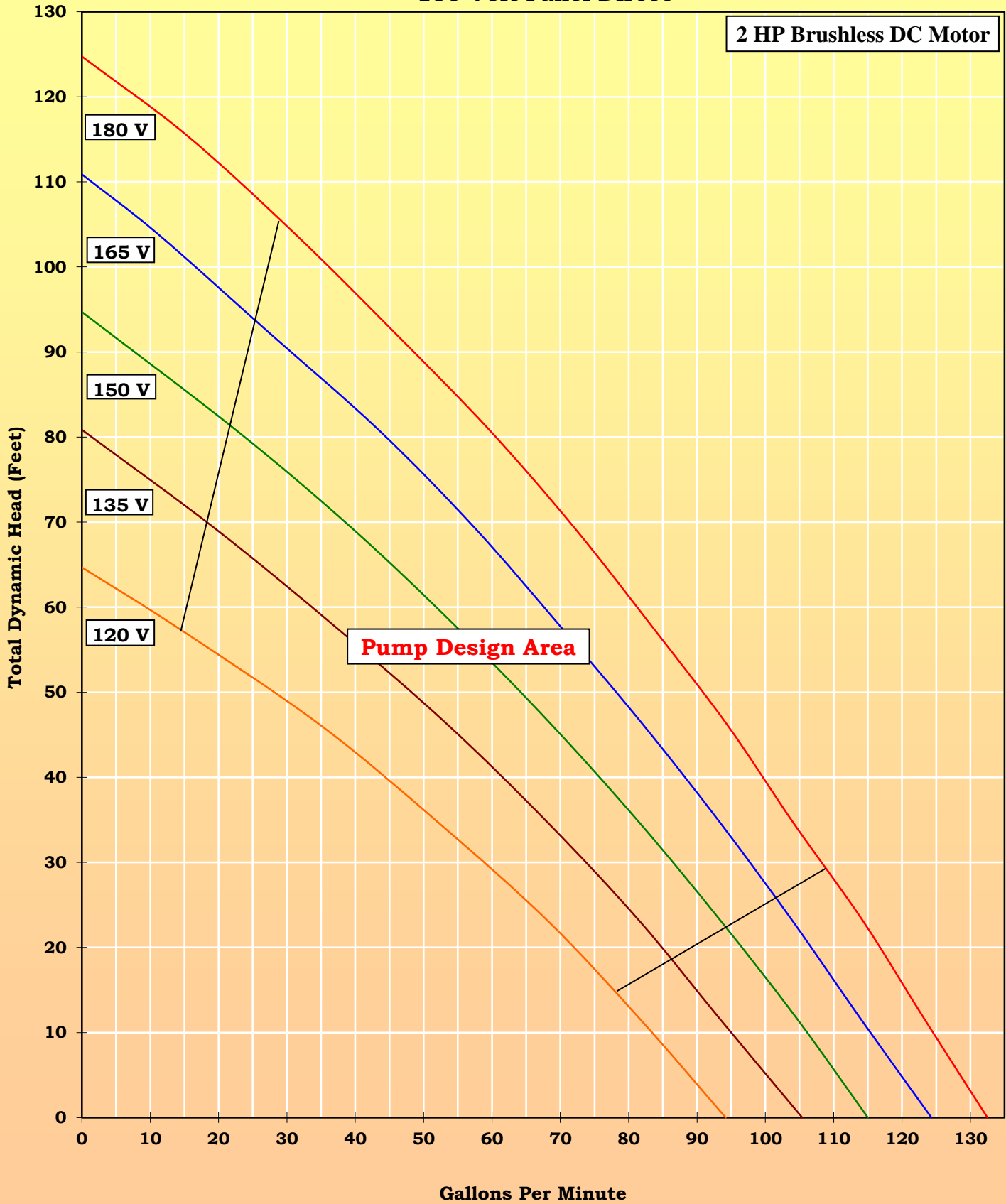


SunPumps Brushless DC Submersible Model SCS 71-70-180 BL

180 Volt Panel Direct

2 HP Brushless DC Motor



SCS Series Submersible Pump

Model SCS 71-70-180 BL

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	120	7.20	94.2	356.5	864	1080	0%
5	12	3.5	120	7.24	81.7	309.2	869	1086	20%
10	23	7.0	120	7.10	68.2	258.1	852	1065	35%
15	35	10.6	120	7.09	52.2	197.6	851	1064	40%
20	46	14.1	120	6.74	34.8	131.7	809	1011	37%
25	58	17.6	120	6.45	13.7	51.9	774	968	19%
28	65	19.7	120	6.45	0.0	0.0	774	968	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	135	8.59	105.4	398.9	1160	1450	0%
5	12	3.5	135	8.65	93.4	353.5	1168	1460	17%
10	23	7.0	135	8.45	81.6	308.9	1141	1426	31%
15	35	10.6	135	8.51	68.2	258.1	1149	1436	39%
20	46	14.1	135	8.41	53.5	202.5	1135	1419	41%
25	58	17.6	135	8.02	37.0	140.0	1083	1353	37%
30	69	21.1	135	7.77	19.4	73.4	1049	1311	24%
35	81	24.6	135	7.69	0.0	0.0	1038	1298	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	10.09	115.0	435.3	1514	1892	0%
5	12	3.5	150	10.15	104.7	396.3	1523	1903	15%
10	23	7.0	150	10.01	93.5	353.9	1502	1877	27%
15	35	10.6	150	9.93	81.6	308.9	1490	1862	36%
20	46	14.1	150	9.96	68.7	260.0	1494	1868	40%
25	58	17.6	150	9.61	54.7	207.0	1442	1802	41%
30	69	21.1	150	9.37	39.5	149.5	1406	1757	37%
35	81	24.6	150	9.09	22.5	85.2	1364	1704	25%
41	95	28.9	150	8.90	0.0	0.0	1335	1669	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	11.59	124.3	470.5	1912	2390	0%
5	12	3.5	165	11.76	114.0	431.5	1940	2426	13%
10	23	7.0	165	11.65	104.0	393.6	1922	2403	24%
15	35	10.6	165	11.52	93.4	353.5	1901	2376	32%
20	46	14.1	165	11.57	82.1	310.7	1909	2386	37%
25	58	17.6	165	11.52	70.0	265.0	1901	2376	40%
30	69	21.1	165	11.16	57.5	217.6	1841	2302	41%
35	81	24.6	165	10.95	43.4	164.3	1807	2258	37%
40	92	28.2	165	10.83	27.2	103.0	1787	2234	26%
45	104	31.7	165	10.43	11.0	41.6	1721	2151	13%
48	111	33.8	165	10.39	0.0	0.0	1714	2143	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	13.14	132.5	501.5	2365	2957	0%
5	12	3.5	180	13.04	123.3	466.7	2347	2934	11%
10	23	7.0	180	13.01	114.3	432.6	2342	2927	21%
15	35	10.6	180	12.84	104.1	394.0	2311	2889	29%
20	46	14.1	180	12.82	94.4	357.3	2308	2885	36%
25	58	17.6	180	12.89	83.4	315.7	2320	2900	39%
30	69	21.1	180	12.62	72.1	272.9	2272	2840	41%
35	81	24.6	180	12.43	59.6	225.6	2237	2797	41%
40	92	28.2	180	12.25	45.6	172.6	2205	2756	36%
45	104	31.7	180	12.03	31.1	117.7	2165	2707	28%
50	116	35.2	180	11.70	15.3	57.9	2106	2633	16%
54	125	38.0	180	11.62	0.0	0.0	2092	2615	0%

* Solar array watts using a 20% deration factor.