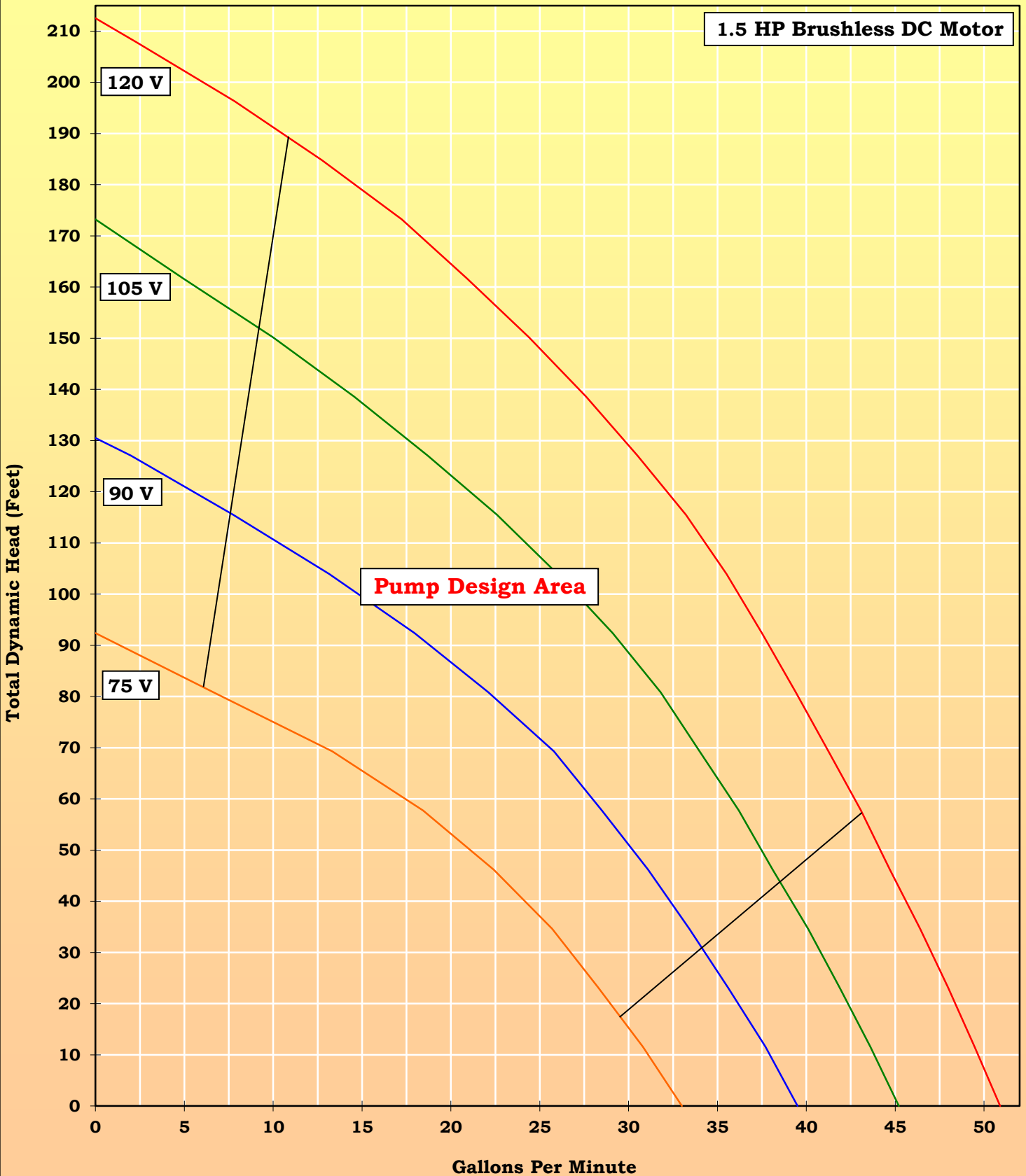


**SunPumps Brushless DC Submersible
Model SCS 30-130-120 BL**

120 Volt Panel Direct

1.5 HP Brushless DC Motor



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1.5 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	75	4.95	33.0	124.9	371	464	0%
5	12	3.5	75	5.04	30.8	116.6	378	473	18%
10	23	7.0	75	5.42	28.3	107.1	407	508	30%
15	35	10.6	75	5.75	25.7	97.3	431	539	39%
20	46	14.1	75	5.94	22.4	84.8	446	557	44%
25	58	17.6	75	6.00	18.4	69.8	450	563	45%
30	69	21.1	75	5.63	13.3	50.4	422	528	41%
35	81	24.6	75	5.04	6.6	25.1	378	473	27%
40	92	28.2	75	4.01	0.0	0.0	301	376	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	6.51	39.5	149.5	586	732	0%
5	12	3.5	90	6.53	37.7	142.7	588	735	14%
10	23	7.0	90	6.90	35.6	134.7	621	776	25%
15	35	10.6	90	7.27	33.4	126.5	654	818	33%
20	46	14.1	90	7.61	31.1	117.7	685	856	40%
25	58	17.6	90	7.83	28.5	107.9	705	881	44%
30	69	21.1	90	7.97	25.8	97.7	717	897	47%
35	81	24.6	90	7.98	22.1	83.6	718	898	47%
40	92	28.2	90	7.69	18.0	67.9	692	865	45%
45	104	31.7	90	7.20	13.2	49.8	648	810	40%
50	116	35.2	90	6.61	7.8	29.3	595	744	28%
55	127	38.7	90	5.60	2.0	7.6	504	630	9%
57	131	39.8	90	5.29	0.0	0.0	476	595	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	8.32	45.2	171.1	874	1092	0%
5	12	3.5	105	8.11	43.6	165.0	852	1064	11%
10	23	7.0	105	8.46	41.9	158.5	888	1110	21%
15	35	10.6	105	8.78	40.1	151.8	922	1152	28%
20	46	14.1	105	9.17	38.1	144.2	963	1204	34%
25	58	17.6	105	9.45	36.2	137.0	992	1240	40%
30	69	21.1	105	9.66	34.0	128.7	1014	1268	44%
35	81	24.6	105	9.88	31.8	120.4	1037	1297	47%
40	92	28.2	105	9.95	29.1	110.1	1045	1306	48%
45	104	31.7	105	10.02	26.0	98.4	1052	1315	48%
50	116	35.2	105	9.89	22.6	85.5	1038	1298	47%
55	127	38.7	105	9.54	18.7	70.8	1002	1252	45%
60	139	42.3	105	8.99	14.6	55.1	944	1180	40%
65	150	45.8	105	8.48	10.0	37.9	890	1113	32%
70	162	49.3	105	7.81	4.9	18.7	820	1025	18%
75	173	52.8	105	6.62	0.0	0.0	695	869	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	9.74	50.9	192.7	1169	1461	0%
5	12	3.5	120	9.75	49.5	187.2	1170	1463	9%
10	23	7.0	120	10.07	48.0	181.6	1208	1511	17%
15	35	10.6	120	10.39	46.4	175.6	1247	1559	24%
20	46	14.1	120	10.67	44.7	169.2	1280	1601	30%
25	58	17.6	120	11.03	43.1	163.0	1324	1655	35%
30	69	21.1	120	11.35	41.2	156.1	1362	1703	40%
35	81	24.6	120	11.66	39.4	149.1	1399	1749	43%
40	92	28.2	120	11.84	37.5	141.9	1421	1776	46%
45	104	31.7	120	11.95	35.5	134.4	1434	1793	48%
50	116	35.2	120	12.11	33.2	125.8	1453	1817	50%
55	127	38.7	120	12.21	30.5	115.4	1465	1832	50%
60	139	42.3	120	12.08	27.6	104.5	1450	1812	50%
65	150	45.8	120	11.79	24.4	92.4	1415	1769	49%
70	162	49.3	120	11.44	20.9	79.1	1373	1716	46%
75	173	52.8	120	10.93	17.2	65.3	1312	1640	43%
80	185	56.3	120	10.41	12.7	48.2	1249	1562	36%
85	196	59.9	120	9.73	7.8	29.6	1168	1460	25%
90	208	63.4	120	9.02	2.3	8.6	1082	1353	8%
92	213	64.8	120	8.02	0.0	0.0	962	1203	0%

* Peak solar array watts using a 20% deration factor.