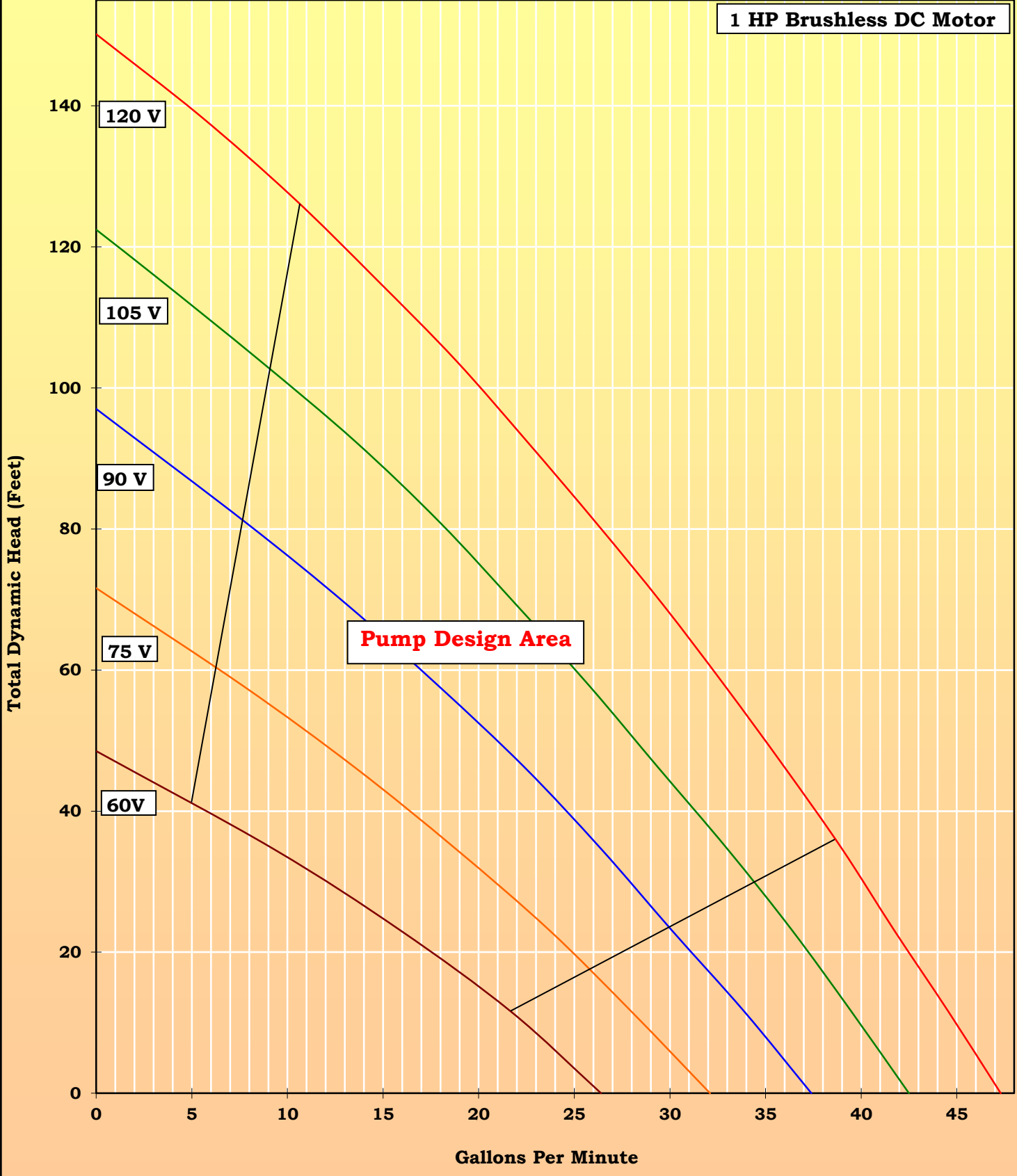


# SunPumps Brushless DC Submersible Model SCS 26-80-120Y BL

120 Volt Panel Direct

1 HP Brushless DC Motor



# SunPumps Brushless DC Submersible

## Model SCS 26-80-120Y BL

### 120 V 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	3.23	26.4	99.9	194	242	0%
5	12	3.5	60	3.53	21.7	82.1	212	265	22%
10	23	7.0	60	3.75	15.9	60.2	225	281	31%
15	35	10.6	60	3.71	9.3	35.0	223	278	27%
21	49	14.8	60	3.13	0.0	0.0	188	235	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	4.19	32.1	121.5	314	393	0%
5	12	3.5	75	4.48	28.0	106.0	336	420	18%
10	23	7.0	75	4.76	23.7	89.7	357	446	29%
15	35	10.6	75	4.89	18.8	71.2	367	458	33%
20	46	14.1	75	4.87	13.5	51.2	365	457	32%
25	58	17.6	75	4.63	7.7	29.1	347	434	24%
31	72	21.8	75	4.14	0.0	0.0	311	388	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	5.33	37.4	141.6	480	600	0%
5	12	3.5	90	5.58	33.9	128.3	502	628	15%
10	23	7.0	90	5.85	30.1	113.9	527	658	25%
15	35	10.6	90	6.08	26.4	99.9	547	684	31%
20	46	14.1	90	6.23	22.4	84.8	561	701	35%
25	58	17.6	90	6.26	17.9	67.8	563	704	35%
30	69	21.1	90	6.06	13.1	49.6	545	682	31%
35	81	24.6	90	5.78	7.9	29.7	520	650	23%
42	97	29.6	90	5.19	0.0	0.0	467	584	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	6.43	42.5	160.9	675	844	0%
5	12	3.5	105	6.69	39.5	149.5	702	878	12%
10	23	7.0	105	6.96	36.4	137.7	731	914	22%
15	35	10.6	105	7.24	33.0	124.9	760	950	28%
20	46	14.1	105	7.46	29.4	111.2	783	979	33%
25	58	17.6	105	7.58	25.8	97.6	796	995	35%
30	69	21.1	105	7.63	22.0	83.1	801	1001	36%
35	81	24.6	105	7.57	18.0	68.1	795	994	34%
40	92	28.2	105	7.30	13.6	51.3	767	958	31%
45	104	31.7	105	6.98	8.5	32.2	733	916	23%
50	116	35.2	105	6.62	3.3	12.3	695	869	10%
53	122	37.3	105	6.27	0.0	0.0	658	823	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	7.65	47.3	179.0	918	1148	0%
5	12	3.5	120	7.80	44.6	168.7	936	1170	10%
10	23	7.0	120	8.13	41.7	157.9	976	1220	19%
15	35	10.6	120	8.42	39.0	147.6	1010	1263	25%
20	46	14.1	120	8.67	36.0	136.3	1040	1301	30%
25	58	17.6	120	8.88	32.9	124.5	1066	1332	34%
30	69	21.1	120	9.02	29.6	112.1	1082	1353	36%
35	81	24.6	120	9.10	26.2	99.0	1092	1365	36%
40	92	28.2	120	9.09	22.5	85.3	1091	1364	36%
45	104	31.7	120	8.92	18.8	71.1	1070	1338	34%
50	116	35.2	120	8.65	14.6	55.3	1038	1298	31%
55	127	38.7	120	8.29	10.3	38.9	995	1244	25%
60	139	42.3	120	7.94	5.4	20.5	953	1191	15%
65	150	45.8	120	7.31	0.0	0.0	877	1097	0%

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