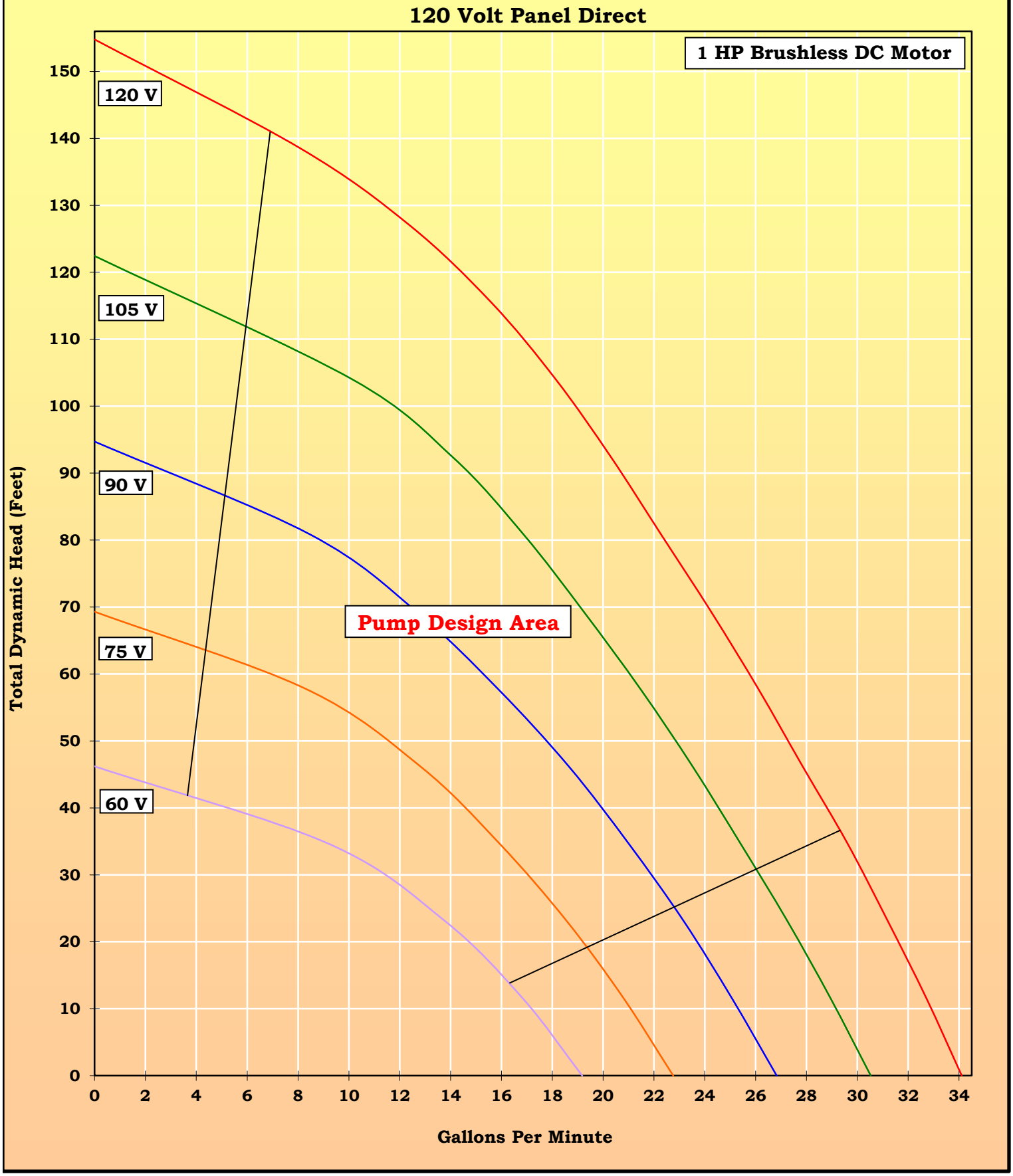
SunPumps Brushless DC Submersible
Model SCS 18-105-120Y BL



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Model SCS 18-105-120Y BL

1 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	60	2.56	19.2	72.6	154	192	0%
5	12	3.5	60	2.63	16.8	63.7	158	197	23%
10	23	7.0	60	2.72	13.8	52.2	163	204	37%
15	35	10.6	60	2.53	9.2	34.8	152	190	40%
20	46	14.1	60	1.92	0.0	0.0	115	144	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	3.44	22.8	86.1	258	323	0%
5	12	3.5	75	3.52	20.8	78.8	264	330	17%
10	23	7.0	75	3.63	18.6	70.3	272	340	30%
15	35	10.6	75	3.63	15.9	60.3	272	340	38%
20	46	14.1	75	3.51	12.8	48.5	263	329	42%
25	58	17.6	75	3.21	8.3	31.5	241	301	38%
30	69	21.1	75	2.49	0.0	0.0	187	233	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	4.23	26.8	101.6	381	476	0%
5	12	3.5	90	4.28	25.1	94.9	385	482	14%
10	23	7.0	90	4.42	23.2	87.7	398	497	25%
15	35	10.6	90	4.56	21.0	79.5	410	513	33%
20	46	14.1	90	4.56	18.7	70.6	410	513	40%
25	58	17.6	90	4.41	15.9	60.1	397	496	44%
30	69	21.1	90	4.18	12.7	48.0	376	470	44%
35	81	24.6	90	3.84	8.5	32.1	346	432	37%
41	95	28.9	90	3.07	0.0	0.0	276	345	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	5.21	30.5	115.6	547	684	0%
5	12	3.5	105	5.29	29.0	109.6	555	694	11%
10	23	7.0	105	5.35	27.3	103.1	562	702	21%
15	35	10.6	105	5.49	25.4	96.2	576	721	29%
20	46	14.1	105	5.56	23.5	89.0	584	730	35%
25	58	17.6	105	5.57	21.5	81.3	585	731	40%
30	69	21.1	105	5.48	19.2	72.8	575	719	44%
35	81	24.6	105	5.33	16.9	63.9	560	700	46%
40	92	28.2	105	5.09	14.1	53.3	534	668	46%
45	104	31.7	105	4.69	10.2	38.5	492	616	40%
53	122	37.3	105	3.68	0.0	0.0	386	483	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	6.10	34.1	129.1	732	915	0%
5	12	3.5	120	6.14	32.7	123.8	737	921	10%
10	23	7.0	120	6.24	31.2	118.1	749	936	18%
15	35	10.6	120	6.42	29.6	112.1	770	963	25%
20	46	14.1	120	6.51	27.9	105.4	781	977	31%
25	58	17.6	120	6.57	26.1	98.8	788	986	36%
30	69	21.1	120	6.58	24.3	91.8	790	987	40%
35	81	24.6	120	6.52	22.3	84.3	782	978	43%
40	92	28.2	120	6.42	20.3	76.9	770	963	46%
45	104	31.7	120	6.22	18.2	68.7	746	933	48%
50	116	35.2	120	5.99	15.6	59.0	719	899	47%
55	127	38.7	120	5.68	12.4	46.9	682	852	43%
60	139	42.3	120	5.36	8.1	30.5	643	804	33%
67	155	47.2	120	4.48	0.0	0.0	538	672	0%

* Solar Array watts using a 20% deration factor.