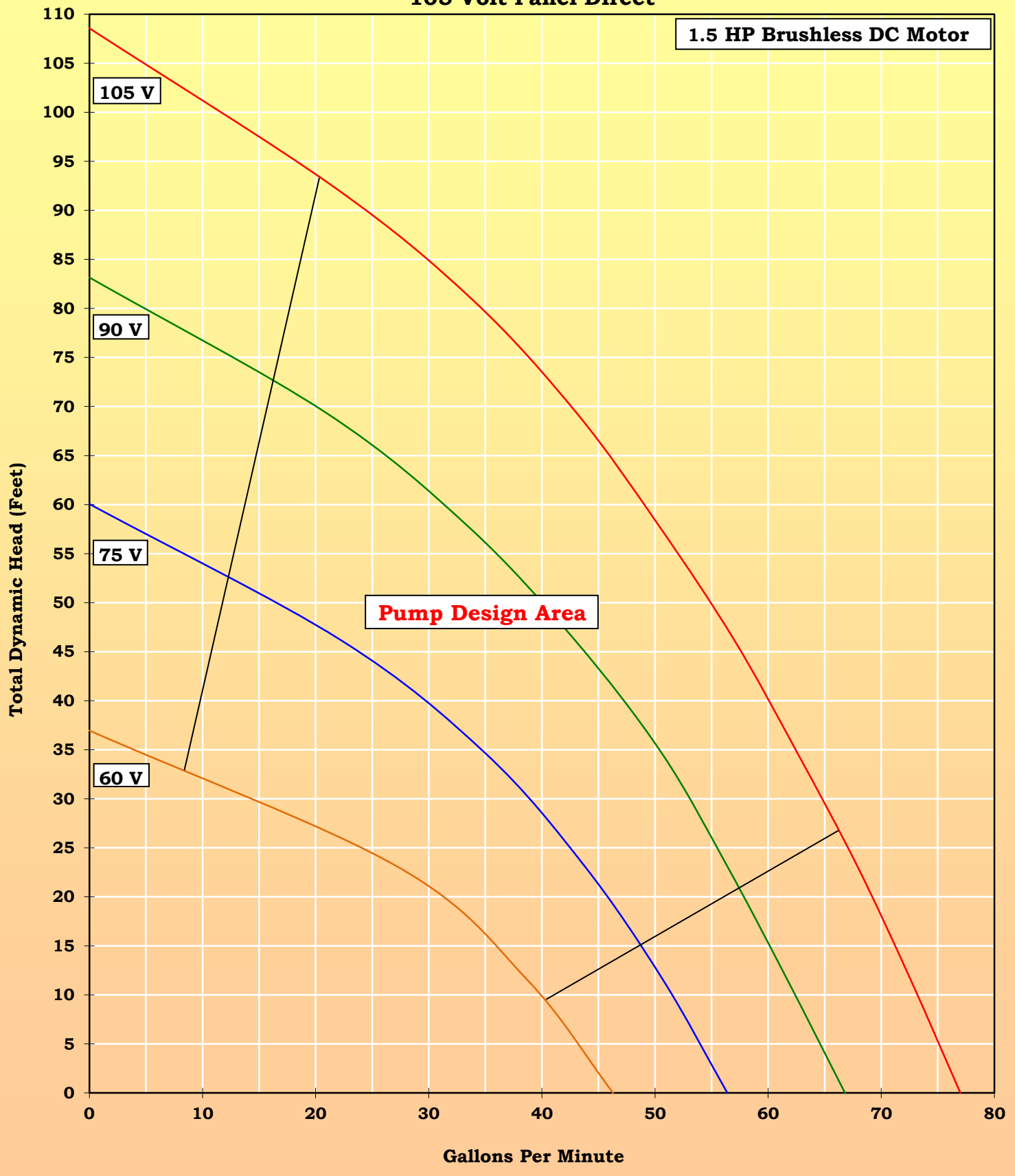


SunPumps Brushless DC Submersible Model SCS 43-70-105 BL

105 Volt Panel Direct

1.5 HP Brushless DC Motor



SunPumps Brushless DC Submersible

Model SCS 43-70-105 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	4.8	46.3	175.2	288	360	0%
5	12	3.5	60	5.0	38.7	146.5	301	377	28%
10	23	7.0	60	5.0	27.2	103.0	299	374	40%
16	37	11.3	60	3.5	0.0	0.0	208	260	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	6.6	56.4	213.5	498	623	0%
5	12	3.5	75	6.9	50.7	191.9	518	647	21%
10	23	7.0	75	7.0	43.8	165.8	527	659	36%
15	35	10.6	75	6.9	35.0	132.5	521	651	44%
20	46	14.1	75	6.2	22.2	84.0	467	583	41%
26	60	18.3	75	4.8	0.0	0.0	360	450	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	8.7	66.8	252.8	781	977	0%
5	12	3.5	90	9.0	61.7	233.5	810	1013	17%
10	23	7.0	90	9.2	56.4	213.5	825	1032	30%
15	35	10.6	90	9.3	50.6	191.5	833	1041	40%
20	46	14.1	90	9.2	42.9	162.4	827	1034	45%
25	58	17.6	90	8.8	33.5	126.8	791	989	46%
30	69	21.1	90	7.8	21.0	79.5	698	872	39%
36	83	25.4	90	7.0	0.0	0.0	627	784	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	11.0	77.0	291.4	1155	1444	0%
5	12	3.5	105	11.2	72.6	274.8	1171	1463	13%
10	23	7.0	105	11.4	67.9	257.0	1193	1491	25%
15	35	10.6	105	11.5	62.6	236.9	1210	1512	34%
20	46	14.1	105	11.6	57.0	215.7	1220	1525	41%
25	58	17.6	105	11.6	50.4	190.8	1214	1517	45%
30	69	21.1	105	11.3	43.1	163.1	1185	1482	47%
35	81	24.6	105	10.6	33.9	128.3	1115	1394	46%
40	92	28.2	105	9.6	21.6	81.8	1006	1257	37%
47	109	33.1	105	8.0	0.0	0.0	840	1050	0%

* Solar Array watts using a 20% deration factor.