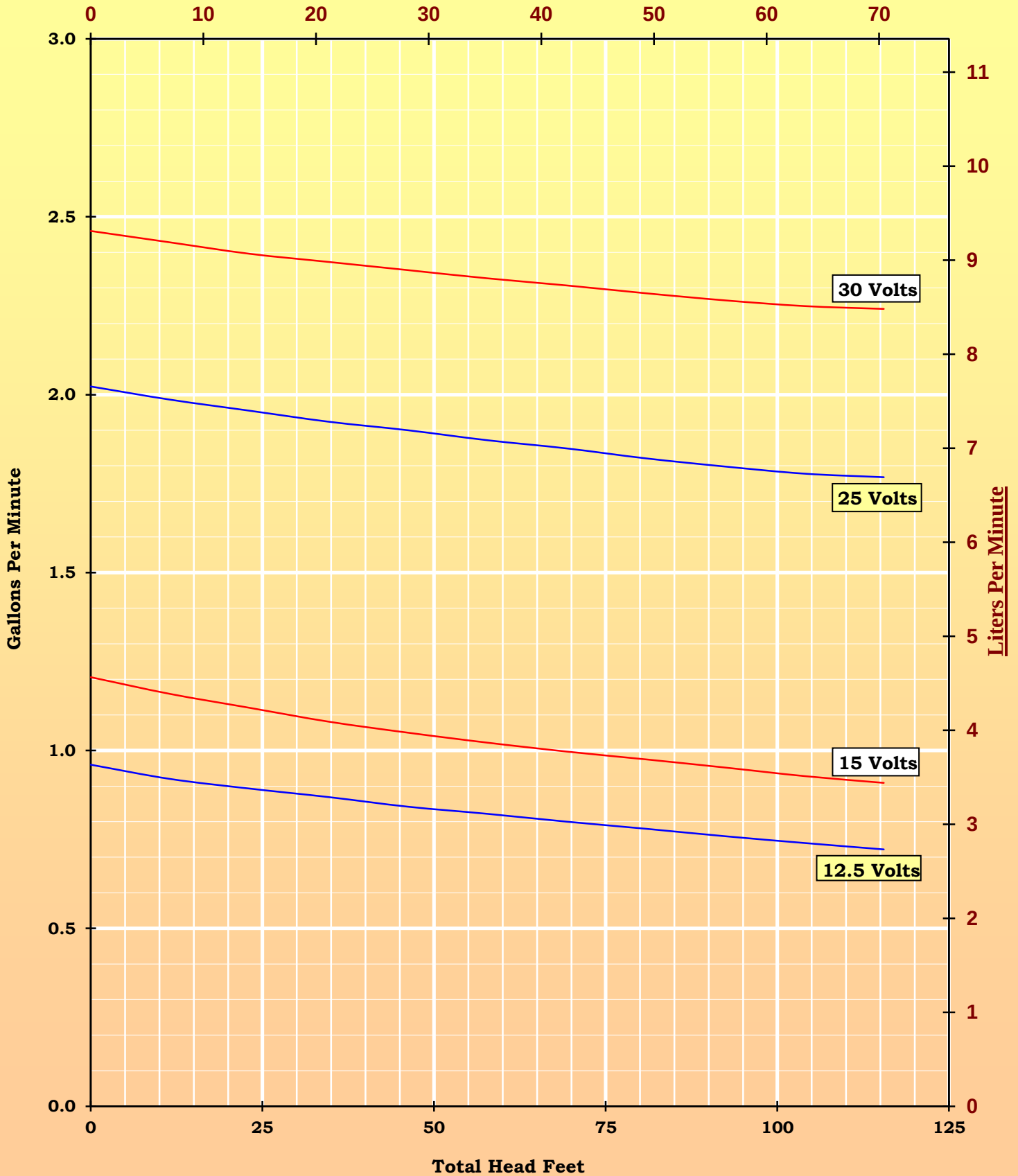


SunPumps SDS-T-130 Submersible Pump

Total Head Meters



SunPumps SDS-T Series Submersible
Model SDS-T-130

12 Volt Battery

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	12.5	1.02	0.96	3.6	13	16	0%
5	12	3.5	12.5	1.21	0.92	3.5	15	19	13%
10	23	7.0	12.5	1.42	0.89	3.4	18	22	22%
15	35	10.6	12.5	1.58	0.87	3.3	20	25	29%
20	46	14.1	12.5	1.79	0.84	3.2	22	28	33%
25	58	17.6	12.5	1.98	0.82	3.1	25	31	36%
30	69	21.1	12.5	2.17	0.80	3.0	27	34	39%
35	81	24.6	12.5	2.33	0.78	3.0	29	36	41%
40	92	28.2	12.5	2.50	0.76	2.9	31	39	42%
45	104	31.7	12.5	2.66	0.74	2.8	33	42	44%
50	116	35.2	12.5	2.75	0.72	2.7	34	43	46%

17 Volt Panel Direct

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	15	1.01	1.21	4.6	15	19	0%
5	12	3.5	15	1.21	1.16	4.4	18	23	14%
10	23	7.0	15	1.42	1.12	4.2	21	27	23%
15	35	10.6	15	1.59	1.08	4.1	24	30	30%
20	46	14.1	15	1.78	1.05	4.0	27	33	34%
25	58	17.6	15	1.95	1.02	3.9	29	37	38%
30	69	21.1	15	2.13	1.00	3.8	32	40	41%
35	81	24.6	15	2.32	0.98	3.7	35	44	43%
40	92	28.2	15	2.48	0.95	3.6	37	47	44%
45	104	31.7	15	2.63	0.93	3.5	39	49	46%
50	116	35.2	15	2.78	0.91	3.4	42	52	47%

24 Volt Battery

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	25	1.27	2.02	7.7	32	40	0%
5	12	3.5	25	1.48	1.99	7.5	37	46	12%
10	23	7.0	25	1.66	1.96	7.4	42	52	21%
15	35	10.6	25	1.87	1.92	7.3	47	58	27%
20	46	14.1	25	2.07	1.90	7.2	52	65	32%
25	58	17.6	25	2.28	1.87	7.1	57	71	36%
30	69	21.1	25	2.49	1.85	7.0	62	78	39%
35	81	24.6	25	2.70	1.82	6.9	68	84	41%
40	92	28.2	25	2.89	1.80	6.8	72	90	43%
45	104	31.7	25	3.06	1.78	6.7	77	96	46%
50	116	35.2	25	3.28	1.77	6.7	82	103	47%

34 Volt Panel Direct

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	30	1.36	2.46	9.3	41	51	0%
5	12	3.5	30	1.53	2.43	9.2	46	57	12%
10	23	7.0	30	1.75	2.40	9.1	53	66	20%
15	35	10.6	30	1.96	2.37	9.0	59	74	26%
20	46	14.1	30	2.18	2.35	8.9	65	82	31%
25	58	17.6	30	2.39	2.33	8.8	72	90	35%
30	69	21.1	30	2.60	2.31	8.7	78	98	39%
35	81	24.6	30	2.84	2.29	8.6	85	107	41%
40	92	28.2	30	3.05	2.27	8.6	92	114	43%
45	104	31.7	30	3.20	2.25	8.5	96	120	46%
50	116	35.2	30	3.45	2.24	8.5	104	129	47%

* Using a 20% deraton factor.