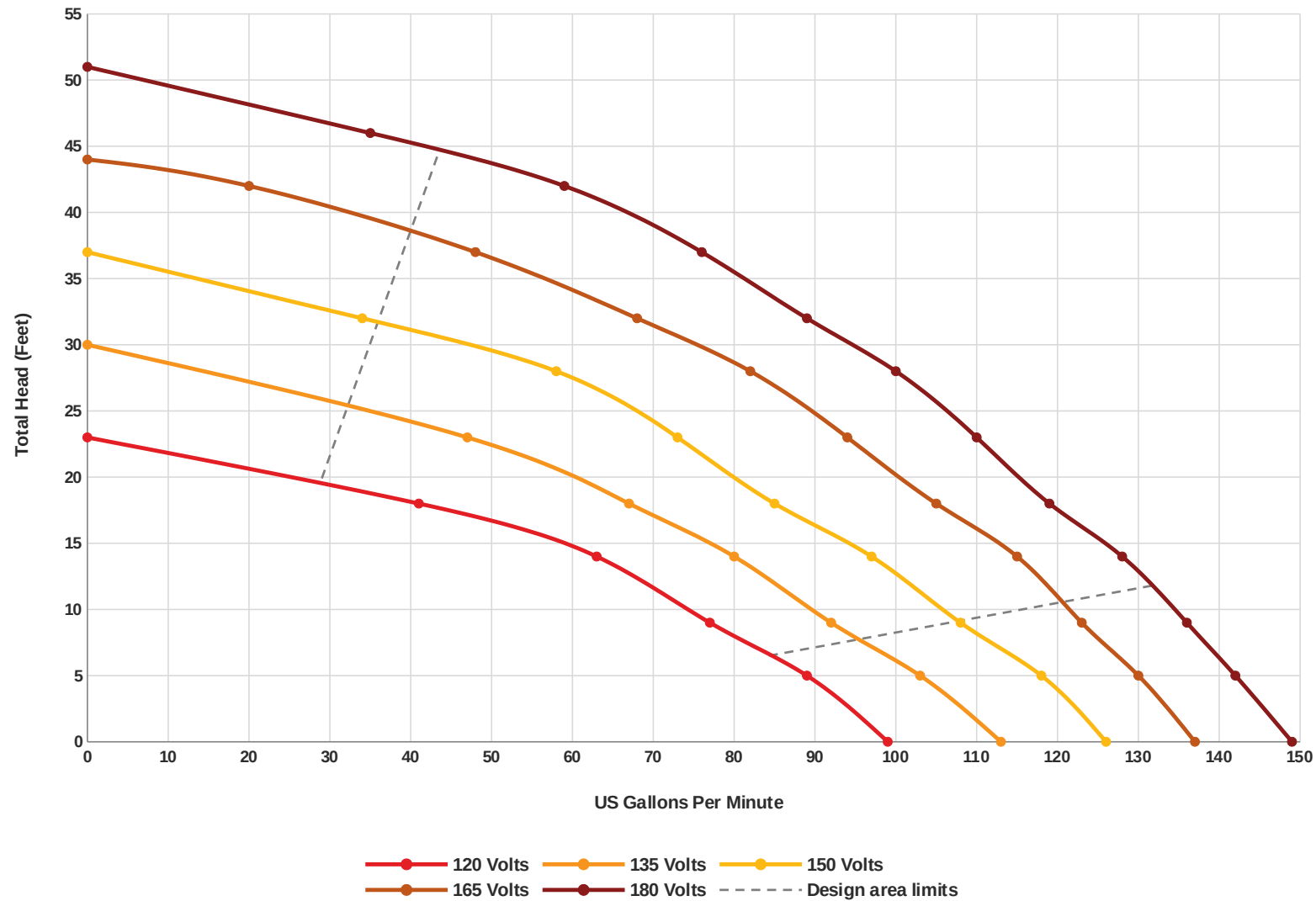


SunPumps SCP 85-35-180 LV Centrifugal Pool Pump 1.5 HP DC Motor



SunPumps SCP 85-35-180 LV Centrifugal Pool Pump

Model SCP 85-35-180 LV, 1.5 HP DC Motor

120 Volt

PSI	TDH	TDH	Motor	Motor	U.S.		Motor	Solar Array	System
	Feet	Meters	Voltage	Amps	GPM	LPM	Watts	*Watts	Efficiency
0	0	0.0	120	2.8	99	373	341	426	0%
2	5	1.4	120	2.9	89	336	347	434	22%
4	9	2.8	120	2.9	77	293	352	440	38%
6	14	4.2	120	2.8	63	240	341	426	48%
8	18	5.6	120	2.5	41	155	294	368	49%
10	23	7.0	120	1.7	0	0	204	255	0%

135 Volt

PSI	TDH	TDH	Motor	Motor	U.S.		Motor	Solar Array	System
	Feet	Meters	Voltage	Amps	GPM	LPM	Watts	*Watts	Efficiency
0	0	0.0	135	3.5	113	426	470	587	0%
2	5	1.4	135	3.5	103	389	474	592	19%
4	9	2.8	135	3.5	92	350	478	597	34%
6	14	4.2	135	3.5	80	303	478	597	44%
8	18	5.6	135	3.4	67	253	462	577	50%
10	23	7.0	135	3.1	47	177	412	515	49%
13	30	9.2	135	2.0	0	0	273	341	0%

150 Volt

PSI	TDH	TDH	Motor	Motor	U.S.		Motor	Solar Array	System
	Feet	Meters	Voltage	Amps	GPM	LPM	Watts	*Watts	Efficiency
0	0	0.0	150	4.1	126	476	618	773	0%
2	5	1.4	150	4.2	118	445	623	778	16%
4	9	2.8	150	4.2	108	408	629	786	30%
6	14	4.2	150	4.2	97	368	635	793	40%
8	18	5.6	150	4.2	85	323	632	789	47%
10	23	7.0	150	4.1	73	275	614	767	52%
12	28	8.5	150	3.8	58	219	564	705	54%
14	32	9.9	150	3.2	34	127	474	593	43%
16	37	11.3	150	2.4	0	0	357	446	0%

165 Volt

PSI	TDH	TDH	Motor	Motor	U.S.		Motor	Solar Array	System
	Feet	Meters	Voltage	Amps	GPM	LPM	Watts	*Watts	Efficiency
0	0	0.0	165	4.8	137	519	792	990	0%
2	5	1.4	165	4.9	130	493	800	1000	14%
4	9	2.8	165	4.9	123	465	805	1007	27%
6	14	4.2	165	4.9	115	434	815	1019	37%
8	18	5.6	165	5.0	105	398	820	1025	45%
10	23	7.0	165	4.9	94	357	815	1019	50%
12	28	8.5	165	4.8	82	310	795	994	54%
14	32	9.9	165	4.5	68	257	749	936	55%
16	37	11.3	165	4.1	48	182	678	848	49%
18	42	12.7	165	2.9	20	76	483	604	32%
19	44	13.4	165	2.8	0	1	457	571	1%

180 Volt

PSI	TDH	TDH	Motor	Motor	U.S.		Motor	Solar Array	System
	Feet	Meters	Voltage	Amps	GPM	LPM	Watts	*Watts	Efficiency
0	0	0.0	180	5.6	149	563	1001	1251	0%
2	5	1.4	180	5.6	142	538	1006	1258	12%
4	9	2.8	180	5.6	136	514	1013	1267	23%
6	14	4.2	180	5.7	128	484	1022	1278	33%
8	18	5.6	180	5.7	119	452	1030	1287	40%
10	23	7.0	180	5.7	110	417	1033	1292	46%
12	28	8.5	180	5.7	100	378	1026	1283	51%
14	32	9.9	180	5.6	89	335	1008	1260	54%
16	37	11.3	180	5.4	76	288	965	1206	55%
18	42	12.7	180	5.0	59	224	891	1114	52%
20	46	14.1	180	4.4	35	132	790	988	38%
22	51	15.5	180	3.2	0	1	569	711	0%

* Solar Array watts using a 20% deration factor.