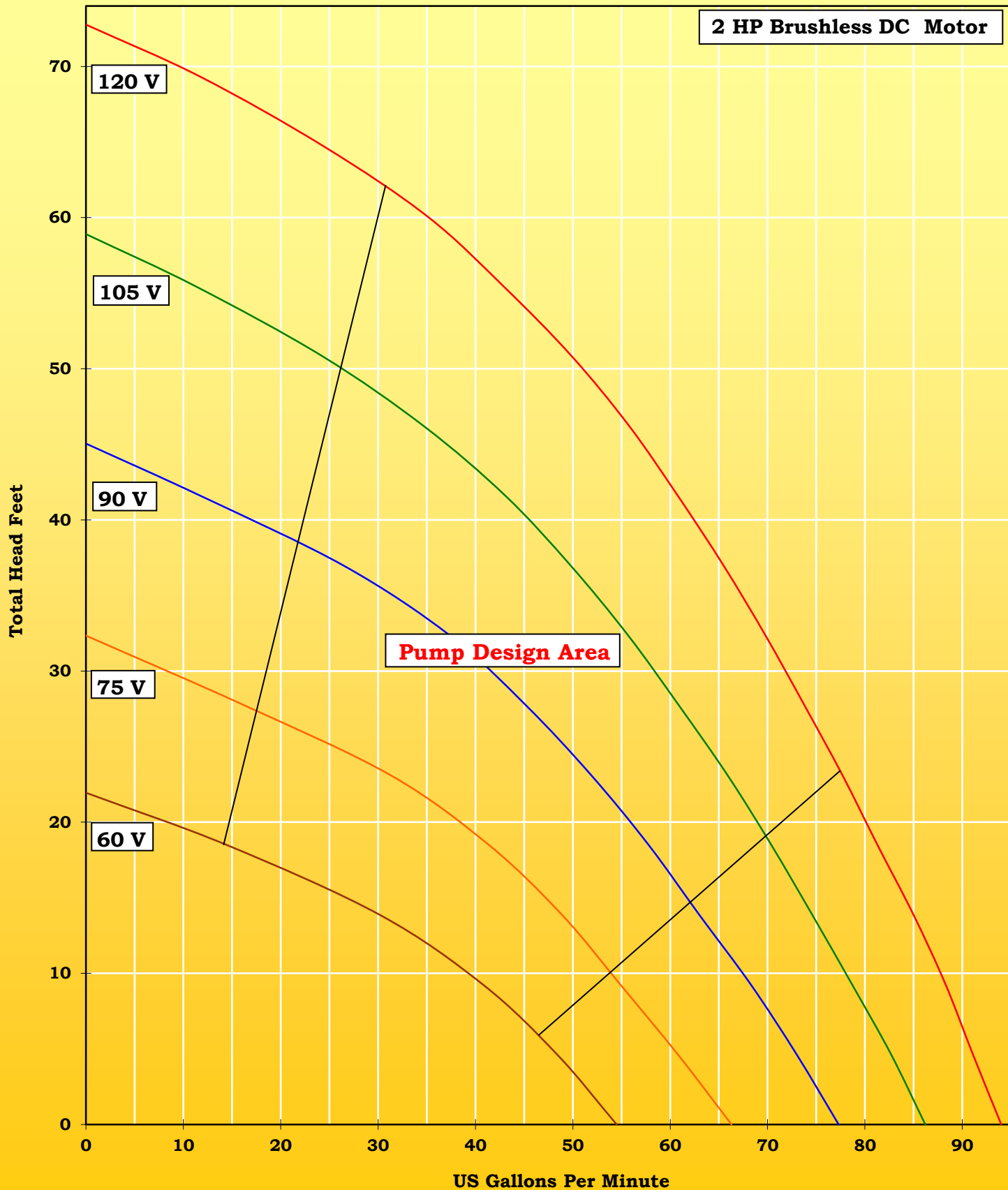


# SunPumps Centrifugal Pool Pumps Model SCP 50-50-120 BC



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PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	60	2.72	54.5	206	163	204	0%
2	5	1.4	60	2.81	48.4	183	169	211	25%
4	9	2.8	60	2.98	40.8	154	179	224	40%
6	14	4.2	60	3.05	30.2	114	183	229	43%
8	18	5.6	60	2.92	14.5	55	175	219	29%
10	22	6.7	60	2.31	0.0	0	139	173	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	75	3.68	66.3	251	276	345	0%
2	5	1.4	75	3.85	60.8	230	289	361	18%
4	9	2.8	75	4.04	54.9	208	303	379	32%
6	14	4.2	75	4.18	48.9	185	314	392	41%
8	18	5.6	75	4.26	41.4	157	320	399	45%
10	23	7.0	75	4.23	31.3	118	317	397	43%
12	28	8.5	75	4.04	16.3	62	303	379	28%
14	32	9.9	75	3.17	0.0	0	238	297	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	90	4.89	77.3	293	440	550	0%
2	5	1.4	90	5.10	73.0	276	459	574	14%
4	9	2.8	90	5.29	68.3	259	476	595	25%
6	14	4.2	90	5.44	63.0	238	490	612	34%
8	18	5.6	90	5.55	57.8	219	500	624	40%
10	23	7.0	90	5.63	51.9	196	507	633	45%
12	28	8.5	90	5.69	45.2	171	512	640	46%
14	32	9.9	90	5.62	37.4	142	506	632	45%
16	37	11.3	90	5.46	26.5	100	491	614	38%
18	42	12.7	90	4.83	11.8	45	435	543	21%
20	45	13.7	90	4.27	0.0	0	384	480	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	105	6.52	86.2	326	685	856	0%
2	5	1.4	105	6.67	82.7	313	700	875	10%
4	9	2.8	105	6.79	78.7	298	713	891	19%
6	14	4.2	105	6.89	74.6	282	723	904	27%
8	18	5.6	105	6.94	70.4	266	729	911	34%
10	23	7.0	105	7.08	65.9	249	743	929	39%
12	28	8.5	105	7.18	60.9	231	754	942	42%
14	32	9.9	105	7.25	55.7	211	761	952	45%
16	37	11.3	105	7.24	49.8	188	760	950	46%
18	42	12.7	105	7.20	43.1	163	756	945	45%
20	46	14.1	105	7.03	34.7	131	738	923	41%
22	51	15.5	105	6.75	24.3	92	709	886	33%
24	55	16.9	105	5.88	11.3	43	617	772	19%
26	59	18.0	105	5.41	0.0	0	568	710	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	120	7.59	94.0	356	911	1139	0%
2	5	1.4	120	7.96	91.1	345	955	1194	8%
4	9	2.8	120	8.26	88.3	334	991	1239	16%
6	14	4.2	120	8.41	85.0	322	1009	1262	22%
8	18	5.6	120	8.55	81.3	308	1026	1283	28%
10	23	7.0	120	8.61	77.7	294	1033	1292	33%
12	28	8.5	120	8.60	73.8	279	1032	1290	37%
14	32	9.9	120	8.71	69.8	264	1045	1307	41%
16	37	11.3	120	8.76	65.5	248	1051	1314	43%
18	42	12.7	120	8.81	60.8	230	1057	1322	45%
20	46	14.1	120	8.84	55.8	211	1061	1326	46%
22	51	15.5	120	8.78	49.9	189	1054	1317	45%
24	55	16.9	120	8.68	42.9	162	1042	1302	43%
26	60	18.3	120	8.45	35.1	133	1014	1268	39%
28	65	19.7	120	8.07	24.5	93	968	1211	31%
30	69	21.1	120	7.23	11.8	45	868	1085	18%
32	73	22.2	120	6.54	0.0	0	785	981	0%

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