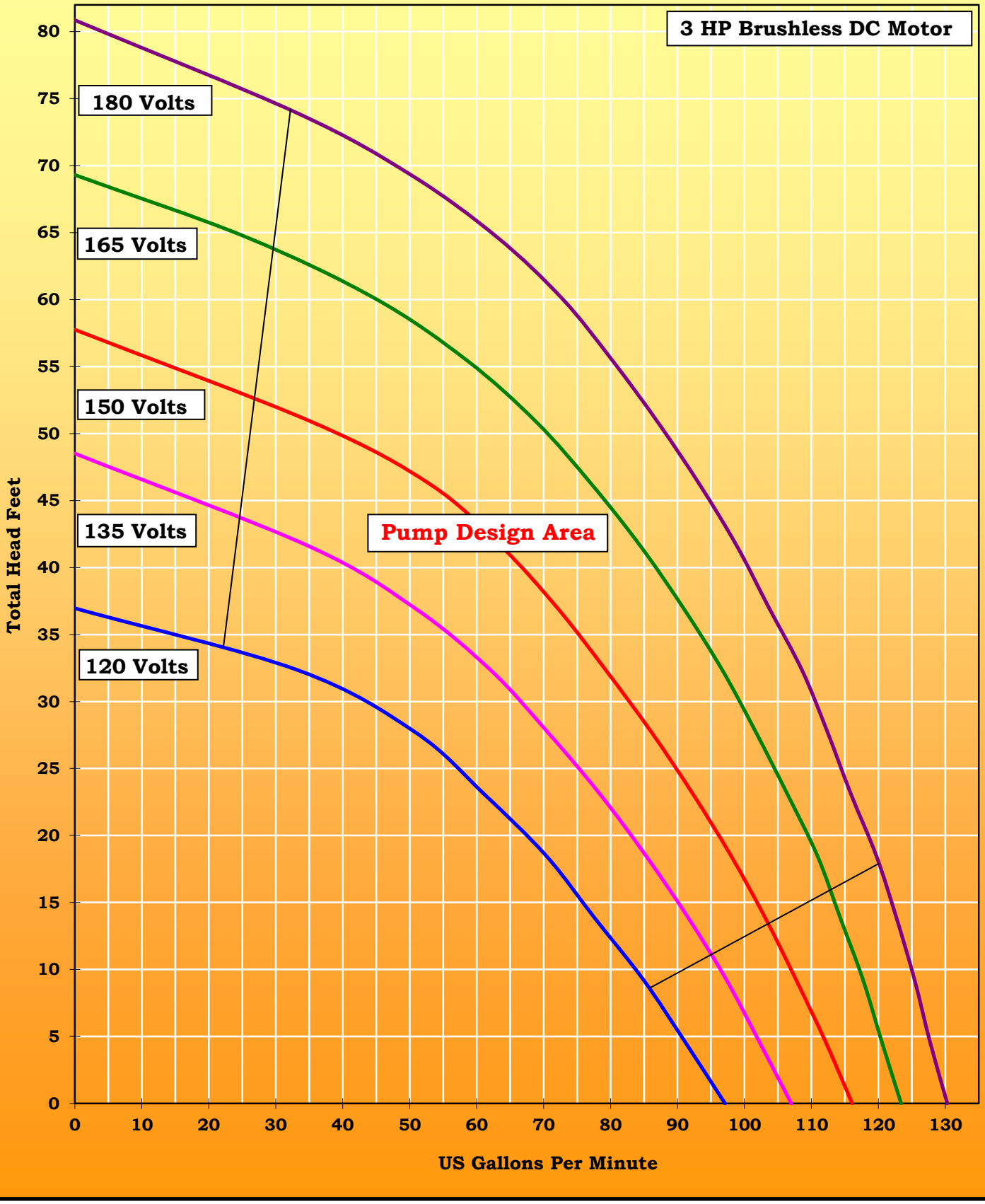
SunPumps Centrifugal Pool Pumps
Model SCP 80-55-180 BC



SunPumps Centrifugal Pool Pumps

MODEL SCP 80-55-180 BC

3 HP Brushless DC Motor

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	4.72	97	368	566	708	0%
2	5	1.4	120	4.80	91	345	576	720	14%
4	9	2.8	120	4.86	85	321	583	729	25%
6	14	4.2	120	4.95	78	294	594	743	34%
8	18	5.6	120	4.95	70	266	594	743	41%
10	23	7.0	120	4.85	61	231	582	728	46%
12	28	8.5	120	4.67	51	192	560	701	47%
14	32	9.9	120	4.26	33	126	511	639	40%
16	37	11.3	120	2.80	0	0	336	420	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	135	5.76	107	405	778	972	0%
2	5	1.4	135	5.80	102	387	783	979	11%
4	9	2.8	135	5.85	97	368	790	987	21%
6	14	4.2	135	5.90	92	347	797	996	30%
8	18	5.6	135	5.95	85	323	803	1004	37%
10	23	7.0	135	5.98	78	297	807	1009	42%
12	28	8.5	135	5.90	71	267	797	996	46%
14	32	9.9	135	5.76	62	235	778	972	49%
16	37	11.3	135	5.51	51	192	744	930	48%
18	42	12.7	135	5.01	35	132	676	845	41%
21	49	14.8	135	3.61	0	0	487	609	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	150	6.80	116	439	1020	1275	0%
2	5	1.4	150	6.86	112	424	1029	1286	9%
4	9	2.8	150	6.90	108	408	1035	1294	18%
6	14	4.2	150	6.91	103	390	1037	1296	26%
8	18	5.6	150	6.95	98	371	1043	1303	33%
10	23	7.0	150	6.98	92	349	1047	1309	38%
12	28	8.5	150	6.99	86	326	1049	1311	43%
14	32	9.9	150	6.93	79	300	1040	1299	46%
16	37	11.3	150	6.82	72	273	1023	1279	49%
18	42	12.7	150	6.67	64	241	1001	1251	50%
20	46	14.1	150	6.34	53	201	951	1189	49%
22	51	15.5	150	5.81	36	135	872	1089	39%
25	58	17.6	150	4.44	0	0	666	833	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	165	7.76	123	467	1280	1601	0%
2	5	1.4	165	8.00	121	456	1320	1650	8%
4	9	2.8	165	8.13	118	445	1341	1677	15%
6	14	4.2	165	8.20	114	433	1353	1691	22%
8	18	5.6	165	8.26	111	420	1363	1704	28%
10	23	7.0	165	8.29	106	403	1368	1710	34%
12	28	8.5	165	8.31	102	385	1371	1714	39%
14	32	9.9	165	8.30	97	366	1370	1712	43%
16	37	11.3	165	8.27	91	344	1365	1706	46%
18	42	12.7	165	8.20	85	320	1353	1691	49%
20	46	14.1	165	8.08	77	292	1333	1667	50%
22	51	15.5	165	7.85	69	261	1295	1619	51%
24	55	16.9	165	7.60	59	222	1254	1568	49%
26	60	18.3	165	7.02	45	170	1158	1448	44%
28	65	19.7	165	6.06	26	97	1000	1250	31%
30	69	21.1	165	4.50	0	0	743	928	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	180	8.10	130	493	1458	1823	0%
2	5	1.4	180	8.40	128	483	1512	1890	7%
4	9	2.8	180	8.73	125	475	1571	1964	14%
6	14	4.2	180	8.98	123	464	1616	2021	20%
8	18	5.6	180	9.20	120	453	1656	2070	25%
10	23	7.0	180	9.32	116	439	1678	2097	30%
12	28	8.5	180	9.32	112	425	1678	2097	35%
14	32	9.9	180	9.32	109	411	1678	2097	39%
16	37	11.3	180	9.31	104	393	1676	2095	43%
18	42	12.7	180	9.31	99	374	1676	2095	46%
20	46	14.1	180	9.27	93	353	1669	2086	49%
22	51	15.5	180	9.19	87	330	1654	2068	50%
24	55	16.9	180	9.04	80	304	1627	2034	52%
26	60	18.3	180	8.85	73	276	1593	1991	52%
28	65	19.7	180	8.55	63	238	1539	1924	50%
30	69	21.1	180	8.16	50	190	1469	1836	45%
32	74	22.5	180	7.24	33	126	1303	1629	35%
35	81	24.6	180	5.21	0	0	938	1172	0%