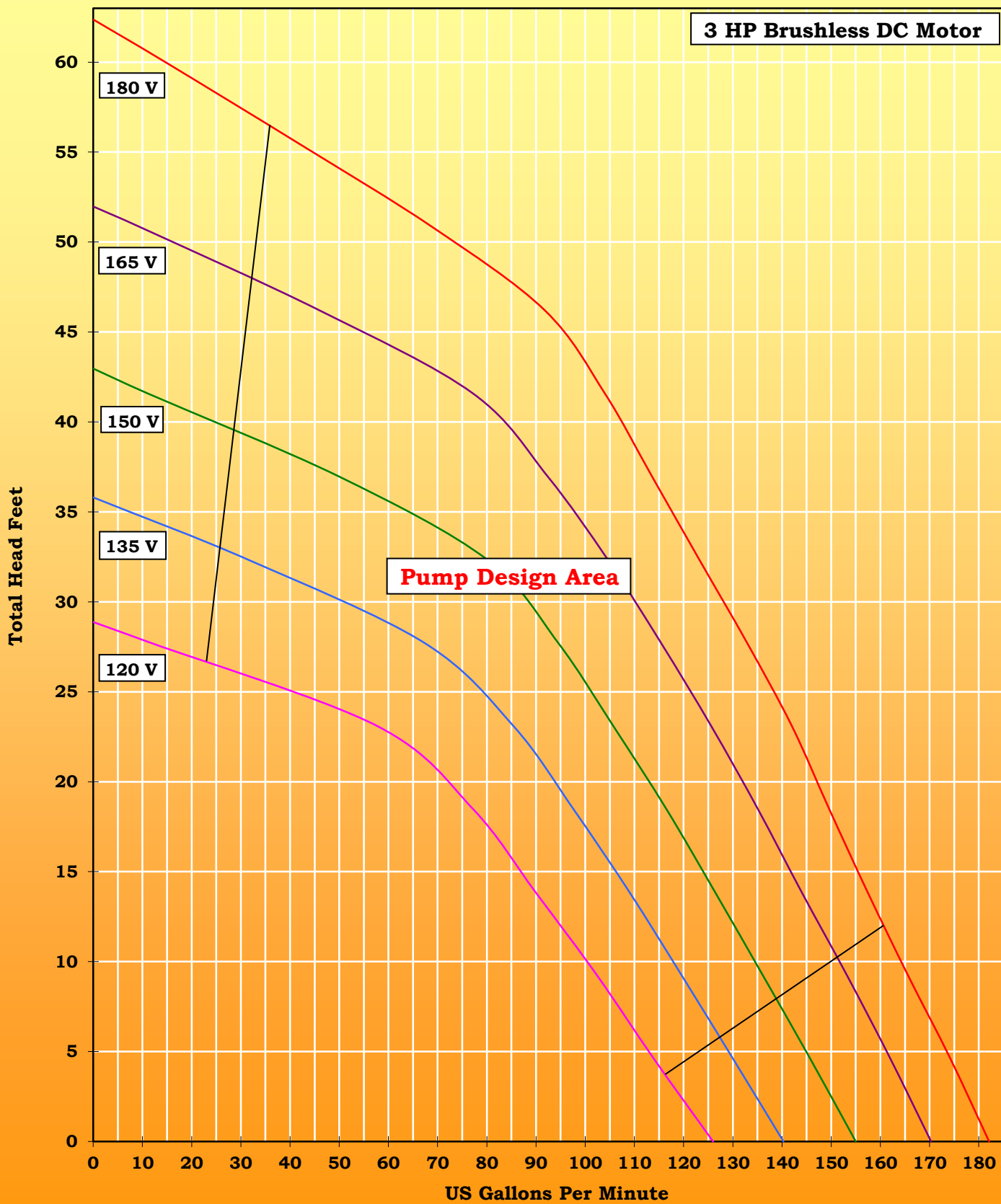


SunPumps Centrifugal Pool Pumps Model SCP 104-42-180 BV



SunPumps Centrifugal Pool Pumps

MODEL SCP 104-42-180 BV

3 HP Brushless DC Motor

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts*	System Efficiency
0	0	0.0	120	5.20	126	477	624	780	0%
2	5	1.4	120	5.16	114	431	619	774	16%
4	9	2.8	120	5.23	102	388	628	785	28%
6	14	4.2	120	5.26	90	340	631	789	37%
8	18	5.6	120	5.14	77	292	617	771	44%
10	23	7.0	120	4.92	58	218	590	738	43%
12	28	8.5	120	4.10	12	44	492	615	12%
12.5	29	8.8	120	3.61	0	0	433	542	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts*	System Efficiency
0	0	0.0	135	6.07	140	531	819	1024	0%
2	5	1.4	135	6.16	130	492	832	1040	14%
4	9	2.8	135	6.24	120	453	842	1053	25%
6	14	4.2	135	6.31	109	413	852	1065	33%
8	18	5.6	135	6.28	98	369	848	1060	40%
10	23	7.0	135	6.21	85	323	838	1048	44%
12	28	8.5	135	5.97	67	255	806	1007	44%
14	32	9.9	135	5.26	32	119	710	888	27%
15.5	36	10.9	135	4.34	0	0	586	732	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts*	System Efficiency
0	0	0.0	150	7.13	155	587	1070	1337	0%
2	5	1.4	150	7.15	146	551	1073	1341	12%
4	9	2.8	150	7.25	136	515	1088	1359	22%
6	14	4.2	150	7.33	126	478	1100	1374	30%
8	18	5.6	150	7.38	117	441	1107	1384	37%
10	23	7.0	150	7.34	106	400	1101	1376	42%
12	28	8.5	150	7.27	95	358	1091	1363	45%
14	32	9.9	150	7.03	80	303	1055	1318	46%
16	37	11.3	150	6.57	50	189	986	1232	35%
18	42	12.7	150	5.63	11	42	845	1056	10%
18.6	43	13.1	150	4.91	0	0	737	921	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts*	System Efficiency
0	0	0.0	165	8.40	170	645	1386	1733	0%
2	5	1.4	165	8.41	162	613	1388	1735	10%
4	9	2.8	165	8.53	153	580	1407	1759	19%
6	14	4.2	165	8.64	144	545	1426	1782	26%
8	18	5.6	165	8.71	135	511	1437	1796	33%
10	23	7.0	165	8.77	126	475	1447	1809	38%
12	28	8.5	165	8.75	115	437	1444	1805	42%
14	32	9.9	165	8.67	105	396	1431	1788	45%
16	37	11.3	165	8.49	92	350	1401	1751	46%
18	42	12.7	165	8.31	77	292	1371	1714	44%
20	46	14.1	165	7.63	46	174	1259	1574	32%
22	51	15.5	165	6.63	10	36	1094	1367	8%
22.5	52	15.8	165	5.97	0	0	985	1231	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts*	System Efficiency
0	0	0.0	180	9.35	182	689	1683	2104	0%
2	5	1.4	180	9.45	174	659	1701	2126	9%
4	9	2.8	180	9.50	166	627	1710	2138	17%
6	14	4.2	180	9.62	157	596	1732	2165	24%
8	18	5.6	180	9.74	150	566	1753	2192	30%
10	23	7.0	180	9.81	142	537	1766	2207	35%
12	28	8.5	180	9.82	133	503	1768	2210	39%
14	32	9.9	180	9.81	123	466	1766	2207	43%
16	37	11.3	180	9.71	114	430	1748	2185	45%
18	42	12.7	180	9.59	104	394	1726	2158	47%
20	46	14.1	180	9.43	92	347	1697	2122	47%
22	51	15.5	180	8.79	69	261	1582	1978	42%
24	55	16.9	180	8.06	42	159	1451	1814	30%
26	60	18.3	180	7.34	14	54	1321	1652	12%
27	62	19.0	180	6.69	0	0	1204	1505	0%

* Solar array watts using a 20% deration factor.