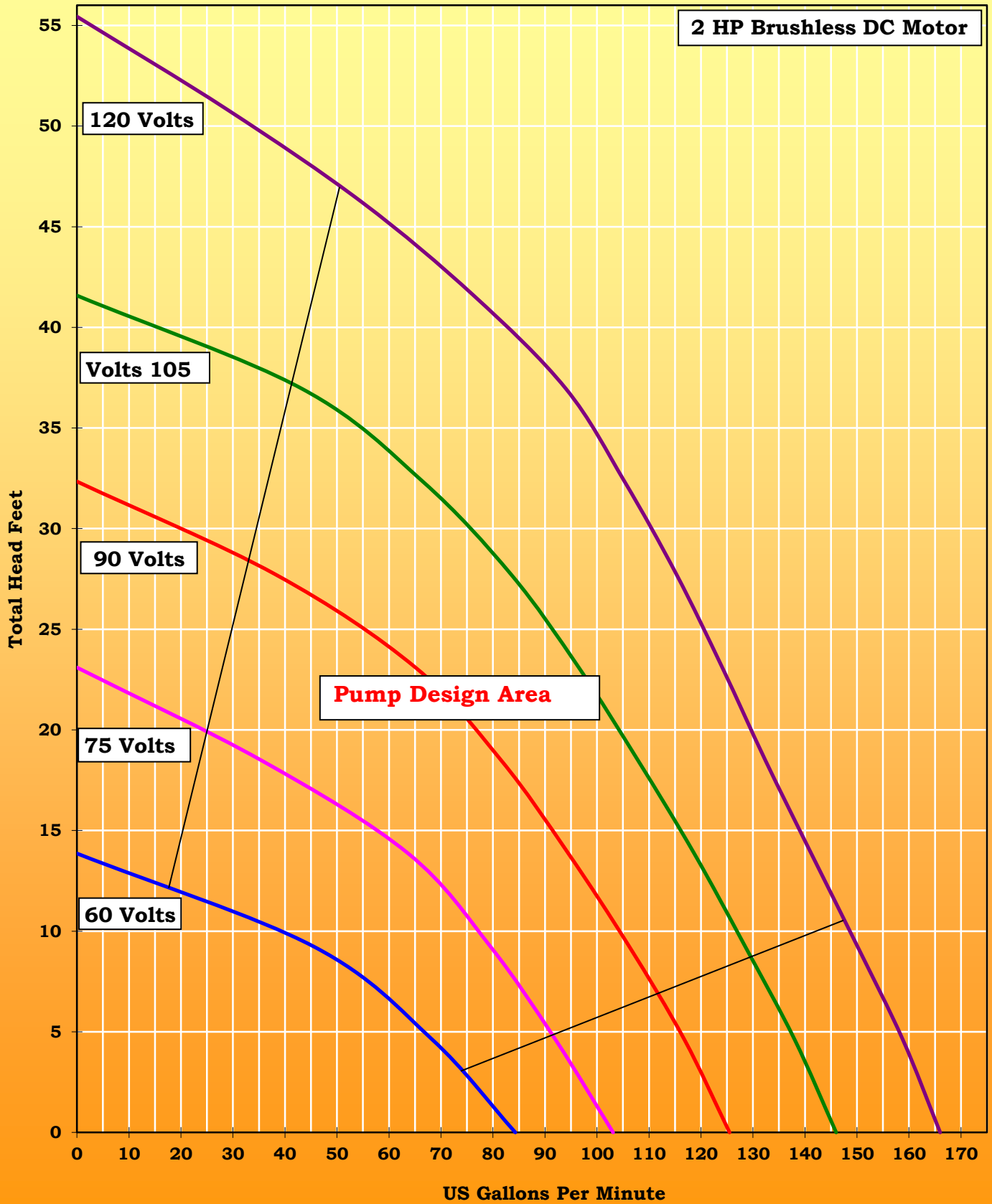


SunPumps Centrifugal Pool Pumps Model SCP 94-37-120 BV

2 HP Brushless DC Motor



SunPumps Centrifugal Pool Pumps

MODEL SCP 94-37-120 BV

2 HP 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	60	4.31	84	319	259	323	0%
2	5	1.4	60	4.55	68	259	273	341	22%
4	9	2.8	60	4.39	46	172	263	329	30%
6	14	4.2	60	3.51	0	0	211	263	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	6.09	103	390	457	571	0%
2	5	1.4	75	6.25	92	348	469	586	17%
4	9	2.8	75	6.35	80	301	476	595	29%
6	14	4.2	75	6.21	64	241	466	582	36%
8	18	5.6	75	5.51	36	134	413	517	30%
10	23	7.0	75	4.85	0	0	364	455	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	7.85	126	475	707	883	0%
2	5	1.4	90	8.03	117	442	723	903	14%
4	9	2.8	90	8.15	106	402	734	917	25%
6	14	4.2	90	8.21	95	358	739	924	33%
8	18	5.6	90	8.15	82	309	734	917	39%
10	23	7.0	90	7.87	65	246	708	885	40%
12	28	8.5	90	7.07	38	145	636	795	31%
14	32	9.9	90	6.20	0	0	558	698	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	9.8	146	553	1029	1286	0%
2	5	1.4	105	1.00	138	522	105	131	114%
4	9	2.8	105	10.15	129	486	1066	1332	21%
6	14	4.2	105	10.30	119	449	1082	1352	29%
8	18	5.6	105	10.41	108	408	1093	1366	34%
10	23	7.0	105	10.25	97	365	1076	1345	39%
12	28	8.5	105	10.05	84	316	1055	1319	41%
14	32	9.9	105	9.65	67	252	1013	1267	40%
16	37	11.3	105	8.84	43	164	928	1160	32%
18	42	12.7	105	7.64	0	0	802	1003	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	12.1	166	628	1452	1815	0%
2	5	1.4	120	12.25	159	601	1470	1838	9%
4	9	2.8	120	12.47	150	568	1496	1871	17%
6	14	4.2	120	12.66	141	534	1519	1899	24%
8	18	5.6	120	12.87	132	501	1544	1931	30%
10	23	7.0	120	12.81	124	470	1537	1922	35%
12	28	8.5	120	12.76	115	436	1531	1914	39%
14	32	9.9	120	12.66	105	399	1519	1899	42%
16	37	11.3	120	12.45	94	356	1494	1868	44%
18	42	12.7	120	11.81	76	289	1417	1772	42%
20	46	14.1	120	11.15	55	208	1338	1673	36%
22	51	15.5	120	9.85	29	109	1182	1478	23%
24	55	16.9	120	9.01	0.0	0	1081	1352	0%

* Using a 20% deration factor.