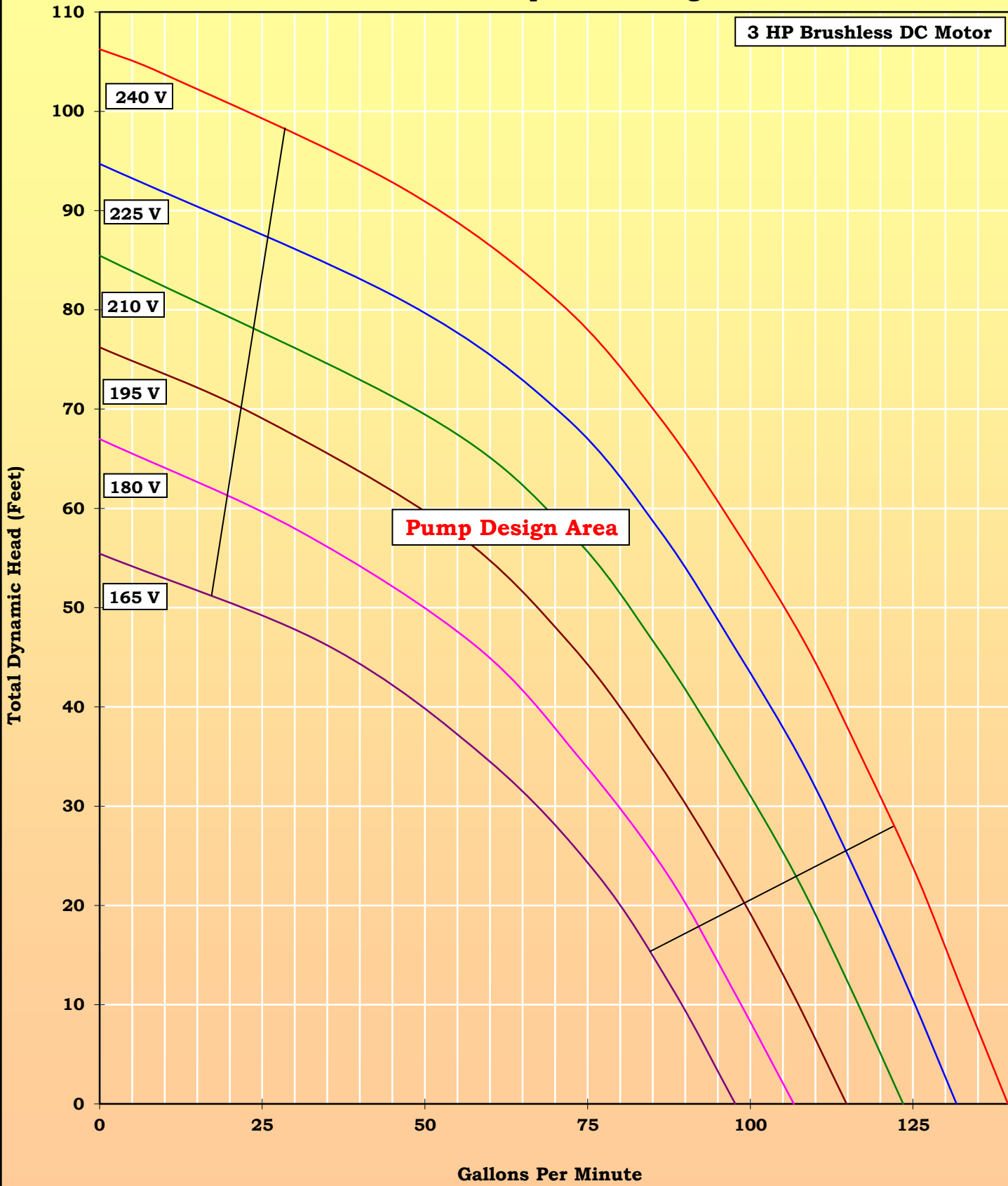


**SunPumps Brushless DC Submersible  
Model SCS 87-70-240BL**

**6" Diameter Pump - 3" Discharge**



# SunPumps Sensorless Brushless DC Submersible

## Model SCB 87-70-240BL

3 HP Brushless DC Motor

240 Volt Panel Direct System

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	5.04	98	369.8	832	1040	0%
5	12	3.5	165	5.11	88	333.5	843	1054	23%
10	23	7.0	165	5.06	77	289.6	835	1044	40%
15	35	10.6	165	4.78	60	226.0	789	986	49%
20	46	14.1	165	4.18	35	132.5	690	862	44%
24	55	16.9	165	3.17	0	0.0	523	654	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	5.73	107	403.9	1031	1289	0%
5	12	3.5	180	5.79	97	368.3	1042	1303	20%
10	23	7.0	180	5.79	87	330.4	1042	1303	36%
15	35	10.6	180	5.65	74	280.1	1017	1271	47%
20	46	14.1	180	5.27	58	218.4	949	1186	53%
25	58	17.6	180	4.63	31	115.8	833	1042	40%
29	67	20.4	180	3.64	0	0.0	655	819	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	195	6.39	115	434.5	1246	1558	0%
5	12	3.5	195	6.49	106	402.0	1266	1582	18%
10	23	7.0	195	6.50	97	365.6	1268	1584	33%
15	35	10.6	195	6.38	86	324.0	1244	1555	45%
20	46	14.1	195	6.12	73	274.4	1193	1492	53%
25	58	17.6	195	5.63	54	205.5	1098	1372	54%
30	69	21.1	195	4.87	24	92.0	950	1187	33%
33	76	23.2	195	3.99	0	0.0	778	973	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	210	7.22	124	467.4	1516	1895	0%
5	12	3.5	210	7.31	116	437.2	1535	1919	16%
10	23	7.0	210	7.36	107	404.6	1546	1932	30%
15	35	10.6	210	7.29	97	366.0	1531	1914	41%
20	46	14.1	210	7.14	86	323.6	1499	1874	50%
25	58	17.6	210	6.76	72	272.5	1420	1775	55%
30	69	21.1	210	6.21	50	190.8	1304	1630	50%
37	85	26.1	210	4.58	0	0.0	962	1202	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	225	8.01	132	498.5	1802	2253	0%
5	12	3.5	225	8.08	124	470.5	1818	2273	15%
10	23	7.0	225	8.15	116	440.6	1834	2292	28%
15	35	10.6	225	8.12	108	408.0	1827	2284	39%
20	46	14.1	225	8.00	97	368.7	1800	2250	47%
25	58	17.6	225	7.73	86	325.9	1739	2174	54%
30	69	21.1	225	7.31	71	270.2	1645	2056	57%
35	81	24.6	225	6.65	47	177.1	1496	1870	48%
41	95	28.9	225	4.85	0	0.0	1091	1364	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	240	8.73	140	528.4	2095	2619	0%
5	12	3.5	240	8.85	133	501.5	2124	2655	14%
10	23	7.0	240	8.89	126	475.0	2134	2667	26%
15	35	10.6	240	8.91	117	444.0	2138	2673	36%
20	46	14.1	240	8.86	109	411.1	2126	2658	44%
25	58	17.6	240	8.68	98	370.6	2083	2604	51%
30	69	21.1	240	8.40	86	325.1	2016	2520	56%
35	81	24.6	240	7.89	71	266.8	1894	2367	57%
40	92	28.2	240	7.35	46	174.9	1764	2205	46%
45	104	31.7	240	5.71	9	34.8	1370	1713	13%
46	106	32.4	240	5.39	0	0.0	1294	1617	0%