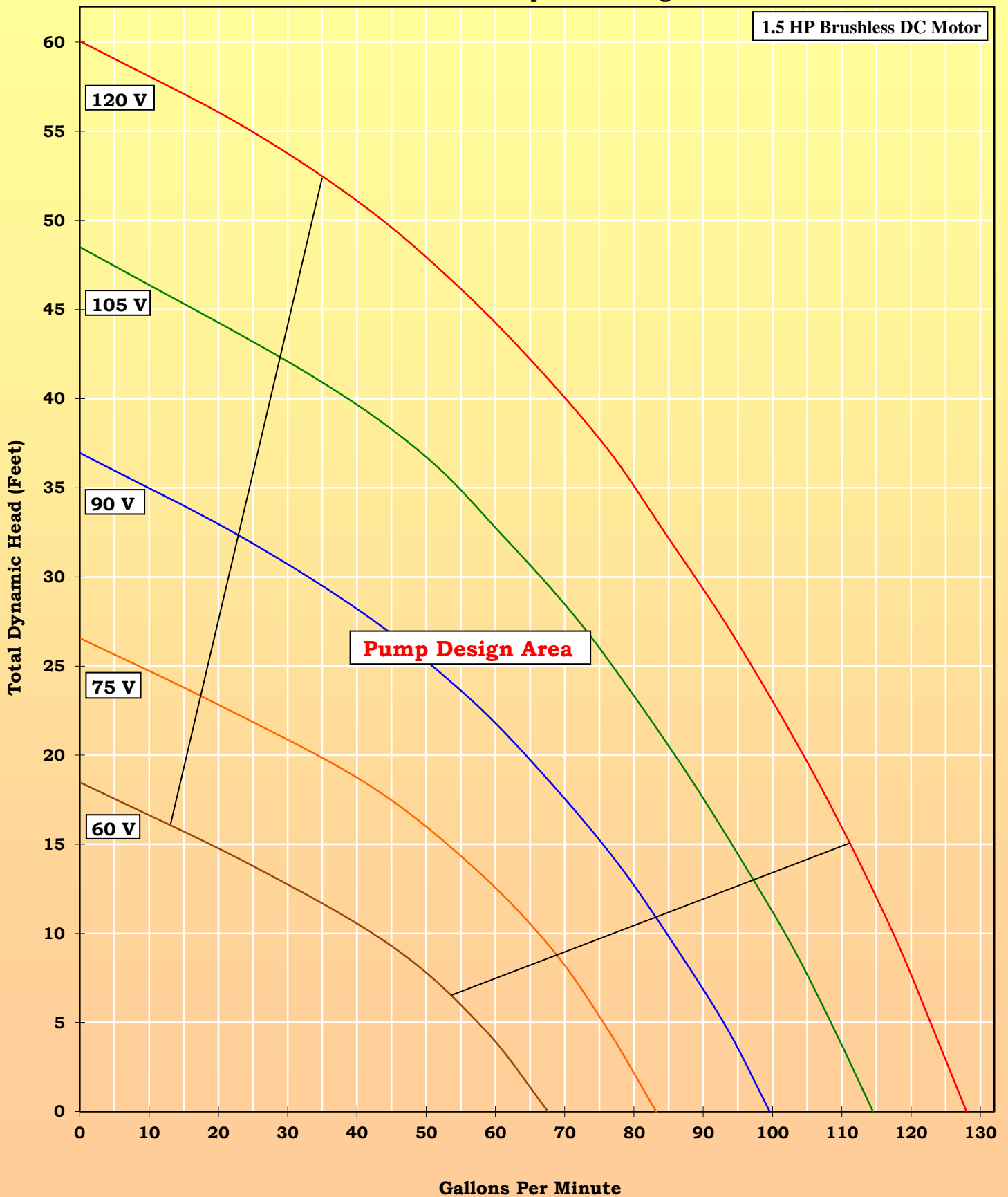


SunPumps Brushless DC Submersible Model SCS 70-40-120 BL

6" Diameter Pump - 3" Discharge

1.5 HP Brushless DC Motor



SunPumps Brushless DC Submersible

Model SCS 70-40-120 BL

1.5 HP Brushless DC Motor

120 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	60	3.4	67.6	255.9	203	254	0%
2	5	1.4	60	3.4	58.4	221.0	202	252	25%
4	9	2.8	60	3.2	45.2	171.1	191	239	41%
6	14	4.2	60	2.8	24.6	93.1	168	210	38%
8	18	5.6	60	2.3	0.0	0.0	139	174	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	75	4.6	83.2	314.9	348	435	0%
2	5	1.4	75	4.6	76.2	288.4	347	434	19%
4	9	2.8	75	4.6	67.9	257.0	344	429	34%
6	14	4.2	75	4.3	56.4	213.5	326	407	45%
8	18	5.6	75	3.9	41.1	155.6	296	369	48%
10	23	7.0	75	3.6	18.6	70.4	270	338	30%
11.5	27	8.1	75	3.1	0.0	0.0	230	288	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	90	6.1	99.6	377.0	553	691	0%
2	5	1.4	90	6.2	93.5	353.9	554	693	15%
4	9	2.8	90	6.1	86.0	325.5	548	685	27%
6	14	4.2	90	6.0	77.8	294.5	541	676	38%
8	18	5.6	90	5.8	67.9	257.0	520	650	45%
10	23	7.0	90	5.5	56.5	213.9	492	615	50%
12	28	8.5	90	5.1	41.8	158.2	457	572	48%
14	32	9.9	90	4.7	22.9	86.7	421	527	33%
16	37	11.3	90	4.0	0.0	0.0	361	451	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	105	7.7	114.5	433.4	810	1012	0%
2	5	1.4	105	7.7	108.9	412.2	809	1011	12%
4	9	2.8	105	7.7	102.9	389.5	806	1008	22%
6	14	4.2	105	7.6	95.9	363.0	800	1000	31%
8	18	5.6	105	7.5	88.5	335.0	788	984	39%
10	23	7.0	105	7.3	80.4	304.3	768	959	46%
12	28	8.5	105	7.0	71.6	271.0	732	915	51%
14	32	9.9	105	6.6	61.0	230.9	696	870	53%
16	37	11.3	105	6.3	49.3	186.6	659	824	52%
18	42	12.7	105	6.0	32.2	121.9	629	786	40%
21	49	14.8	105	5.0	0.0	0.0	520	650	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	120	9.3	128.0	484.5	1114	1392	0%
2	5	1.4	120	9.3	123.2	466.3	1115	1394	10%
4	9	2.8	120	9.3	118.3	447.8	1115	1394	18%
6	14	4.2	120	9.3	112.7	426.6	1114	1392	26%
8	18	5.6	120	9.2	106.6	403.5	1098	1373	34%
10	23	7.0	120	9.0	99.9	378.1	1081	1352	40%
12	28	8.5	120	8.9	92.7	350.9	1063	1329	46%
14	32	9.9	120	8.6	84.7	320.6	1032	1290	50%
16	37	11.3	120	8.3	76.6	289.9	996	1245	54%
18	42	12.7	120	7.9	66.5	251.7	950	1188	55%
20	46	14.1	120	7.6	54.9	207.8	913	1142	52%
22	51	15.5	120	7.3	41.0	155.2	872	1091	45%
24	55	16.9	120	6.7	22.9	86.7	803	1004	30%
26	60	18.3	120	5.9	0.0	0.0	706	882	0%

* Solar array watts using a 20% deration factor.