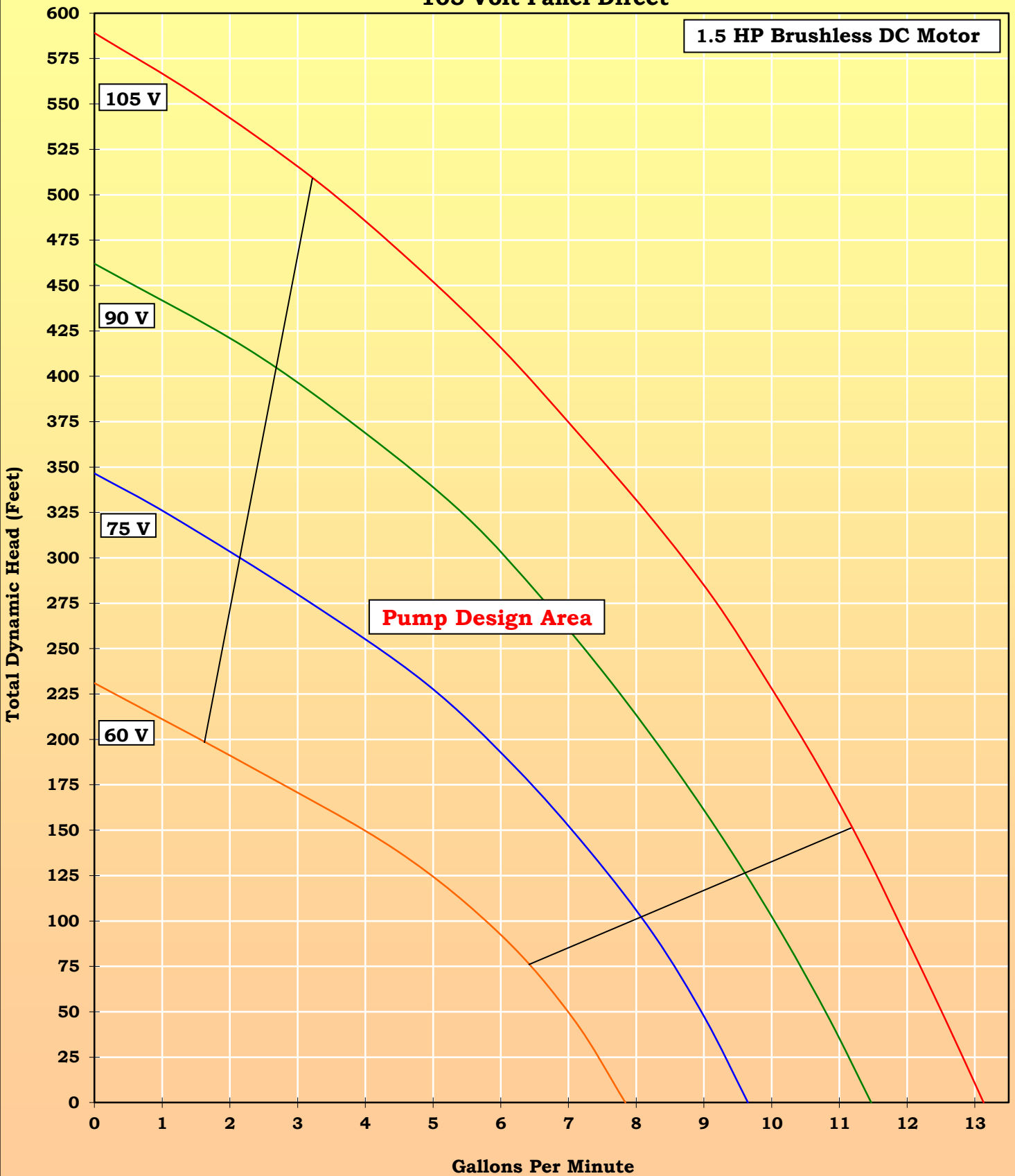


SunPumps Brushless DC Submersible Model SCS 7-375-105 BL

105 Volt Panel Direct

1.5 HP Brushless DC Motor



SunPumps Brushless DC Submersible Model SCS 7-375-105 BL

120 Volt Brushless DC Motor

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	60	4.9	7.8	29.7	293	367	0%
20	46	14.1	60	5.1	7.1	26.8	306	383	20%
40	92	28.2	60	5.2	6.0	22.7	313	392	33%
60	139	42.3	60	5.2	4.5	16.9	310	388	38%
80	185	56.3	60	4.8	2.3	8.7	287	359	28%
100	231	70.4	60	3.2	0.0	0.0	192	240	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	75	6.9	9.7	36.5	516	645	0%
20	46	14.1	75	7.1	9.0	34.1	529	661	15%
40	92	28.2	75	7.2	8.3	31.3	542	677	27%
60	139	42.3	75	7.4	7.3	27.7	554	693	34%
80	185	56.3	75	7.4	6.2	23.5	558	698	39%
100	231	70.4	75	7.2	4.9	18.5	539	673	40%
120	277	84.5	75	6.7	3.1	11.8	500	625	32%
140	323	98.6	75	5.6	1.1	4.2	422	528	16%
150	347	105.6	75	4.6	0.0	0.0	342	428	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	90	9.0	11.5	43.4	812	1015	0%
20	46	14.1	90	9.2	10.9	41.1	824	1031	11%
40	92	28.2	90	9.4	10.2	38.5	848	1060	21%
60	139	42.3	90	9.5	9.4	35.6	857	1071	29%
80	185	56.3	90	9.6	8.6	32.4	866	1082	34%
100	231	70.4	90	9.7	7.6	28.9	870	1088	38%
120	277	84.5	90	9.5	6.6	25.1	858	1072	40%
140	323	98.6	90	9.3	5.5	20.7	833	1041	40%
160	370	112.7	90	8.9	4.0	15.0	797	996	35%
180	416	126.8	90	8.4	2.2	8.4	753	942	23%
200	462	140.9	90	6.7	0.0	0.0	599	748	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	105	11.3	13.1	49.7	1183	1479	0%
20	46	14.1	105	11.5	12.6	47.5	1203	1504	9%
40	92	28.2	105	11.7	12.0	45.3	1229	1536	17%
60	139	42.3	105	12.0	11.4	43.0	1255	1568	24%
80	185	56.3	105	12.1	10.7	40.5	1268	1586	29%
100	231	70.4	105	12.2	10.0	37.7	1285	1607	34%
120	277	84.5	105	12.4	9.2	34.6	1297	1621	37%
140	323	98.6	105	12.3	8.2	31.0	1288	1610	39%
160	370	112.7	105	12.1	7.1	26.9	1273	1591	39%
180	416	126.8	105	11.9	6.0	22.7	1251	1563	38%
200	462	140.9	105	11.5	4.7	17.8	1211	1513	34%
220	508	154.9	105	11.3	3.3	12.3	1190	1487	26%
240	554	169.0	105	10.6	1.5	5.8	1109	1386	14%
255	589	179.6	105	9.2	0.0	0.0	966	1208	0%

* Solar Array watts using a 20% deration factor.