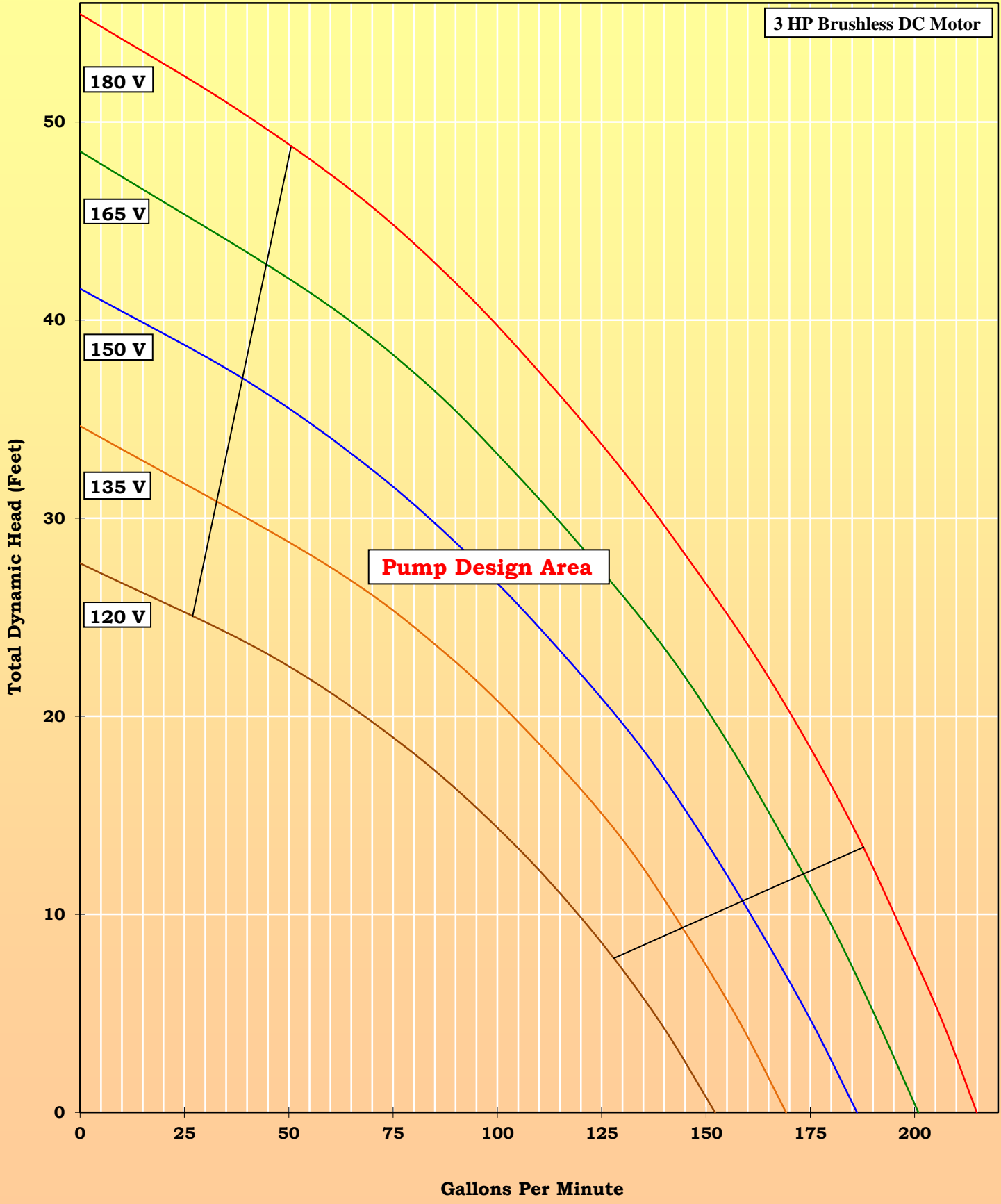


# SunPumps Brushless DC Submersible Model SCS 130-32-180 BL

180 Volt Panel Direct

3 HP Brushless DC Motor



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3 HP Brushless DC Motor

180 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	120	5.30	152.2	576.1	636	795	0%
2	5	1.4	120	5.31	138.8	525.4	637	797	19%
4	9	2.8	120	5.28	122.4	463.3	634	792	34%
6	14	4.2	120	5.06	102.5	388.0	607	759	44%
8	18	5.6	120	4.68	77.8	294.5	562	702	48%
10	23	7.0	120	4.41	45.3	171.5	529	662	37%
12	28	8.5	120	3.81	0.0	0.0	457	572	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	6.29	169.2	640.4	849	1061	0%
2	5	1.4	135	6.31	157.9	597.7	852	1065	16%
4	9	2.8	135	6.32	144.6	547.3	853	1067	30%
6	14	4.2	135	6.18	129.7	490.9	834	1043	41%
8	18	5.6	135	5.88	110.6	418.6	794	992	49%
10	23	7.0	135	5.54	88.0	333.1	748	935	51%
12	28	8.5	135	5.26	58.5	221.4	710	888	43%
15	35	10.6	135	4.53	0.0	0.0	612	764	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	7.31	186.2	704.8	1097	1371	0%
2	5	1.4	150	7.33	175.2	663.1	1100	1374	14%
4	9	2.8	150	7.33	162.8	616.2	1100	1374	26%
6	14	4.2	150	7.24	149.4	565.5	1086	1358	36%
8	18	5.6	150	7.06	134.3	508.3	1059	1324	44%
10	23	7.0	150	6.73	115.9	438.7	1010	1262	50%
12	28	8.5	150	6.40	95.2	360.3	960	1200	52%
14	32	9.9	150	6.20	70.6	267.2	930	1163	46%
16	37	11.3	150	5.72	39.7	150.3	858	1073	32%
18	42	12.7	150	5.23	0.0	0.0	785	981	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	8.53	200.9	760.4	1407	1759	0%
2	5	1.4	165	8.58	191.1	723.3	1416	1770	12%
4	9	2.8	165	8.59	180.6	683.6	1417	1772	22%
6	14	4.2	165	8.56	168.5	637.8	1412	1766	31%
8	18	5.6	165	8.43	155.8	589.7	1391	1739	39%
10	23	7.0	165	8.21	141.2	534.4	1355	1693	45%
12	28	8.5	165	7.84	123.5	467.4	1294	1617	50%
14	32	9.9	165	7.52	104.0	393.6	1241	1551	51%
16	37	11.3	165	7.34	82.1	310.7	1211	1514	47%
18	42	12.7	165	6.90	53.7	203.3	1139	1423	37%
21	49	14.8	165	6.05	0.0	0.0	998	1248	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	9.54	214.9	813.4	1717	2147	0%
2	5	1.4	180	9.58	206.6	782.0	1724	2156	10%
4	9	2.8	180	9.60	196.8	744.9	1728	2160	20%
6	14	4.2	180	9.61	186.6	706.3	1730	2162	28%
8	18	5.6	180	9.51	174.8	661.6	1712	2140	36%
10	23	7.0	180	9.36	161.6	611.7	1685	2106	42%
12	28	8.5	180	9.11	146.5	554.5	1640	2050	47%
14	32	9.9	180	8.76	130.3	493.2	1577	1971	50%
16	37	11.3	180	8.46	111.8	423.2	1523	1904	51%
18	42	12.7	180	8.33	91.4	345.9	1499	1874	48%
20	46	14.1	180	7.97	67.1	254.0	1435	1793	41%
22	51	15.5	180	7.41	36.3	137.4	1334	1667	26%
24	55	16.9	180	6.86	0.0	0.0	1235	1544	0%

\* Solar array watts using a 20% deration factor.