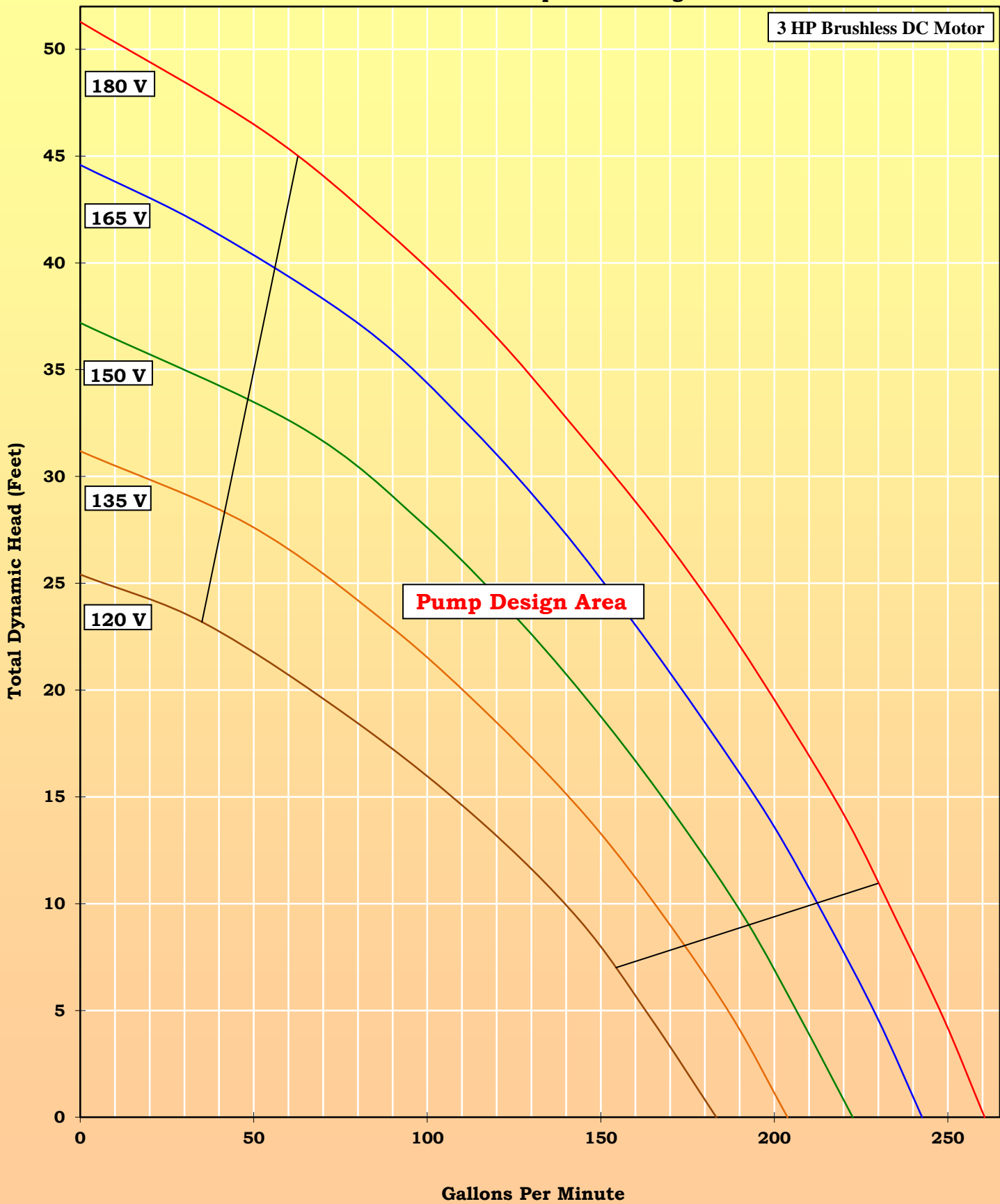


SunPumps Brushless DC Submersible Model SCS 142-32-180 BL

6" Diameter Pump - 3" Discharge

3 HP Brushless DC Motor



SCS Series Submersible Pump

Model SCB 142-32-180 BL

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	6.37	183.3	693.8	764	956	0%
2	5	1.4	120	6.35	164.5	622.6	762	953	19%
4	9	2.8	120	6.28	143.8	544.3	754	942	33%
6	14	4.2	120	5.97	115.3	436.4	716	896	42%
8	18	5.6	120	5.47	79.7	301.7	656	821	42%
10	23	7.0	120	4.99	36.1	136.6	599	749	26%
11	25	7.7	120	4.69	0.0	0.0	563	704	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	7.53	203.8	771.4	1017	1271	0%
2	5	1.4	135	7.54	188.1	712.0	1018	1272	16%
4	9	2.8	135	7.52	168.9	639.3	1015	1269	29%
6	14	4.2	135	7.34	147.0	556.4	991	1239	39%
8	18	5.6	135	7.01	120.0	454.2	946	1183	44%
10	23	7.0	135	6.50	88.5	335.0	878	1097	44%
12	28	8.5	135	6.04	48.8	184.7	815	1019	31%
13.5	31	9.5	135	5.53	0.0	0.0	747	933	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	8.76	222.6	842.5	1314	1643	0%
2	5	1.4	150	8.77	207.6	785.8	1316	1644	14%
4	9	2.8	150	8.77	191.8	726.0	1316	1644	25%
6	14	4.2	150	8.66	172.7	653.7	1299	1624	35%
8	18	5.6	150	8.35	151.4	573.0	1253	1566	42%
10	23	7.0	150	7.98	127.3	481.8	1197	1496	46%
12	28	8.5	150	7.51	99.2	375.5	1127	1408	46%
14	32	9.9	150	7.08	63.2	239.2	1062	1328	36%
16.1	37	11.3	150	6.40	0.0	0.0	960	1200	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	10.22	242.6	918.2	1686	2108	0%
2	5	1.4	165	10.23	229.8	869.8	1688	2110	12%
4	9	2.8	165	10.24	215.0	813.8	1690	2112	22%
6	14	4.2	165	10.22	199.0	753.2	1686	2108	31%
8	18	5.6	165	10.05	180.0	681.3	1658	2073	38%
10	23	7.0	165	9.77	159.7	604.5	1612	2015	43%
12	28	8.5	165	9.45	137.8	521.6	1559	1949	46%
14	32	9.9	165	8.92	112.3	425.1	1472	1840	46%
16	37	11.3	165	8.36	81.8	309.6	1379	1724	41%
18	42	12.7	165	7.94	37.2	140.8	1310	1638	22%
19.3	45	13.6	165	7.52	0.0	0.0	1241	1551	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	11.33	260.6	986.4	2039	2549	0%
2	5	1.4	180	11.36	248.8	941.7	2045	2556	11%
4	9	2.8	180	11.38	235.2	890.2	2048	2561	20%
6	14	4.2	180	11.37	221.1	836.9	2047	2558	28%
8	18	5.6	180	11.25	204.1	772.5	2025	2531	35%
10	23	7.0	180	11.02	185.8	703.3	1984	2480	41%
12	28	8.5	180	10.69	165.3	625.7	1924	2405	45%
14	32	9.9	180	10.35	142.1	537.8	1863	2329	46%
16	37	11.3	180	9.91	117.4	444.4	1784	2230	46%
18	42	12.7	180	9.41	87.7	331.9	1694	2117	41%
20	46	14.1	180	8.68	52.6	199.1	1562	1953	29%
22.2	51	15.6	180	8.34	0.0	0.0	1501	1877	0%

* Solar array watts using a 20% deration factor.