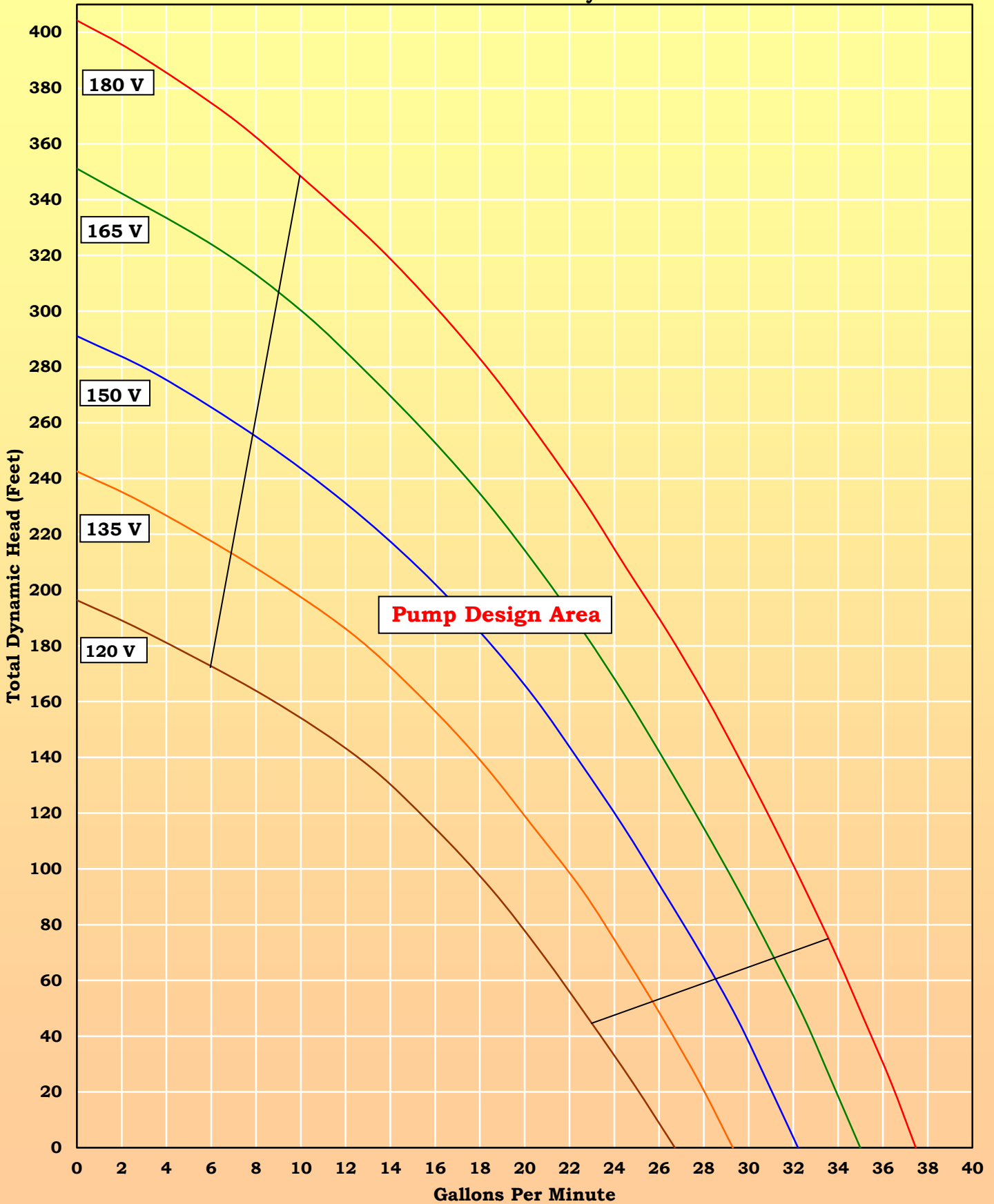


# Multi-Stage Centrifugal Booster Pump Model SCB 22-240-180 BL

180 Volt Panel Direct System



# Multi-Stage Centrifugal Booster Pump

## Model SCB 22-240-180 BL

3 HP Brushless DC Motor

**180 Volt Panel Direct System**

14 Stages

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	6.4	26.7	101.1	762	953	0%
10	23	7.0	120	6.4	24.9	94.1	772	965	14%
20	46	14.1	120	6.5	22.9	86.5	779	974	26%
30	69	21.1	120	6.5	20.8	78.7	781	977	35%
40	92	28.2	120	6.5	18.6	70.2	776	971	42%
50	116	35.2	120	6.4	15.9	60.1	767	959	45%
60	139	42.3	120	6.1	12.8	48.4	736	920	45%
70	162	49.3	120	5.6	8.5	32.0	666	833	39%
80	185	56.3	120	4.9	3.1	11.7	593	741	18%
85	196	59.9	120	4.3	0.0	0.0	510	638	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	7.6	29.3	110.9	1026	1283	0%
10	23	7.0	135	7.7	27.8	105.3	1035	1294	12%
20	46	14.1	135	7.8	26.2	99.1	1046	1308	22%
30	69	21.1	135	7.8	24.4	92.4	1056	1320	30%
40	92	28.2	135	7.8	22.6	85.4	1054	1318	37%
50	116	35.2	135	7.8	20.3	77.0	1049	1311	42%
60	139	42.3	135	7.7	18.1	68.3	1037	1296	45%
70	162	49.3	135	7.5	15.4	58.1	1008	1261	46%
80	185	56.3	135	7.1	12.2	46.2	959	1198	44%
90	208	63.4	135	6.4	8.0	30.2	869	1087	36%
100	231	70.4	135	5.8	3.0	11.4	784	980	17%
105	243	73.9	135	5.1	0.0	0.0	686	857	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	9.0	32.2	121.9	1350	1688	0%
10	23	7.0	150	9.1	30.9	116.8	1359	1699	10%
20	46	14.1	150	9.2	29.5	111.7	1373	1716	19%
30	69	21.1	150	9.2	27.9	105.6	1385	1731	26%
40	92	28.2	150	9.3	26.2	99.0	1389	1736	33%
50	116	35.2	150	9.2	24.4	92.3	1386	1733	38%
60	139	42.3	150	9.2	22.4	84.9	1382	1727	42%
70	162	49.3	150	9.1	20.4	77.3	1365	1706	46%
80	185	56.3	150	8.9	18.0	68.2	1340	1674	47%
90	208	63.4	150	8.6	15.3	57.8	1293	1616	46%
100	231	70.4	150	8.1	12.0	45.5	1222	1528	43%
110	254	77.5	150	7.4	8.2	30.9	1115	1393	35%
120	277	84.5	150	6.8	3.6	13.6	1022	1277	18%
126	291	88.7	150	5.9	0.0	0.0	888	1110	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	10.4	35.0	132.4	1718	2147	0%
10	23	7.0	165	10.5	33.8	127.7	1733	2166	8%
20	46	14.1	165	10.6	32.5	123.0	1744	2180	16%
30	69	21.1	165	10.7	31.1	117.6	1762	2203	23%
40	92	28.2	165	10.7	29.6	111.8	1759	2199	29%
50	116	35.2	165	10.7	27.9	105.8	1761	2201	35%
60	139	42.3	165	10.7	26.3	99.4	1769	2211	39%
70	162	49.3	165	10.7	24.5	92.8	1769	2211	42%
80	185	56.3	165	10.6	22.6	85.7	1756	2195	45%
90	208	63.4	165	10.4	20.6	77.9	1721	2151	47%
100	231	70.4	165	10.3	18.4	69.5	1700	2124	47%
110	254	77.5	165	10.0	15.9	60.0	1643	2054	46%
120	277	84.5	165	9.6	13.1	49.4	1576	1970	43%
130	300	91.6	165	8.9	10.0	37.9	1460	1825	39%
140	323	98.6	165	8.3	6.1	23.2	1373	1716	27%
152	351	107.0	165	7.0	0.0	0.0	1147	1433	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	11.7	37.5	141.8	2111	2639	0%
10	23	7.0	180	11.8	36.4	137.7	2124	2655	7%
20	46	14.1	180	11.9	35.2	133.0	2137	2671	14%
30	69	21.1	180	12.0	33.9	128.3	2156	2696	21%
40	92	28.2	180	12.1	32.5	123.2	2174	2718	26%
50	116	35.2	180	12.1	31.1	117.8	2182	2727	31%
60	139	42.3	180	12.1	29.7	112.2	2182	2727	35%
70	162	49.3	180	12.1	28.1	106.4	2178	2723	39%
80	185	56.3	180	12.1	26.4	99.9	2169	2711	42%
90	208	63.4	180	11.9	24.5	92.9	2146	2682	45%
100	231	70.4	180	11.8	22.7	86.0	2131	2664	46%
110	254	77.5	180	11.6	20.7	78.4	2095	2619	47%
120	277	84.5	180	11.4	18.6	70.3	2048	2561	47%
130	300	91.6	180	11.0	16.2	61.1	1987	2484	46%
140	323	98.6	180	10.5	13.4	50.8	1885	2356	43%
150	347	105.6	180	9.9	10.3	38.8	1775	2219	38%
160	370	112.7	180	9.3	6.9	26.0	1674	2093	29%
170	393	119.7	180	8.5	2.6	9.8	1535	1919	13%
175	404	123.2	180	7.8	0.0	0.0	1397	1746	0%

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