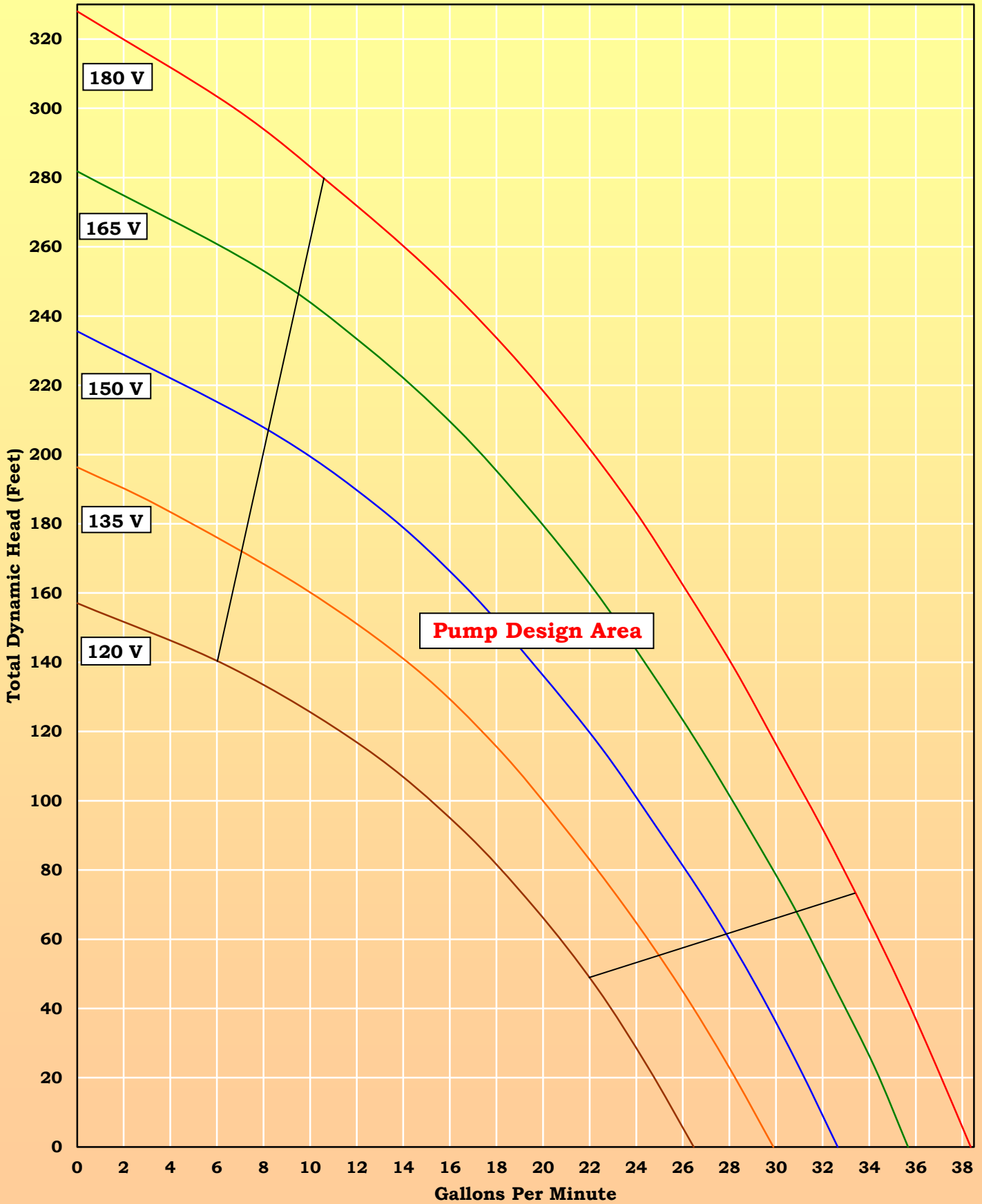


# Multi-Stage Centrifugal Booster Pump Model SCB 22-200-180 BL

180 Volt Panel Direct System



# Multi-Stage Centrifugal Booster Pump

## Model SCB 22-200-180 BL

3 HP Brushless DC Motor

**180 Volt Panel Direct System**

11 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	5.3	26.5	100.2	641	801	0%
10	23	7.0	120	5.4	24.5	92.7	647	809	16%
20	46	14.1	120	5.5	22.3	84.4	656	821	30%
30	69	21.1	120	5.5	19.6	74.2	654	818	39%
40	92	28.2	120	5.3	16.4	62.1	640	800	45%
50	116	35.2	120	5.1	12.3	46.6	608	761	44%
60	139	42.3	120	4.4	6.6	24.8	529	662	32%
68	157	47.9	120	3.6	0.0	0.0	430	537	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	6.4	29.9	113.1	864	1080	0%
10	23	7.0	135	6.5	28.0	105.9	872	1090	14%
20	46	14.1	135	6.6	25.9	98.0	884	1105	25%
30	69	21.1	135	6.6	23.5	89.0	884	1105	35%
40	92	28.2	135	6.5	20.9	79.1	880	1100	41%
50	116	35.2	135	6.4	18.0	68.2	868	1085	45%
60	139	42.3	135	6.2	14.5	54.7	832	1040	45%
70	162	49.3	135	5.6	9.7	36.5	756	945	39%
80	185	56.3	135	5.0	3.6	13.7	668	835	19%
85	196	59.9	135	4.3	0.0	0.0	581	726	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	7.5	32.7	123.6	1118	1397	0%
10	23	7.0	150	7.5	31.0	117.3	1131	1414	12%
20	46	14.1	150	7.7	29.2	110.4	1149	1436	22%
30	69	21.1	150	7.7	27.2	102.8	1158	1448	31%
40	92	28.2	150	7.7	24.9	94.1	1154	1442	38%
50	116	35.2	150	7.7	22.5	85.1	1148	1434	43%
60	139	42.3	150	7.5	19.7	74.6	1122	1403	46%
70	162	49.3	150	7.3	16.7	63.1	1095	1369	46%
80	185	56.3	150	6.8	12.9	49.0	1025	1281	44%
90	208	63.4	150	6.2	8.0	30.2	930	1163	34%
102	236	71.8	150	5.0	0.0	0.0	752	939	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	8.9	35.7	135.0	1460	1825	0%
10	23	7.0	165	8.9	34.2	129.6	1469	1836	10%
20	46	14.1	165	9.0	32.5	123.1	1482	1852	19%
30	69	21.1	165	9.1	30.8	116.5	1495	1869	27%
40	92	28.2	165	9.1	28.8	109.0	1497	1871	33%
50	116	35.2	165	9.1	26.7	101.2	1493	1867	39%
60	139	42.3	165	9.0	24.5	92.7	1485	1856	43%
70	162	49.3	165	8.9	22.1	83.7	1473	1842	46%
80	185	56.3	165	8.7	19.4	73.2	1439	1799	47%
90	208	63.4	165	8.5	16.3	61.5	1394	1743	46%
100	231	70.4	165	7.8	12.4	47.1	1294	1617	42%
110	254	77.5	165	7.3	7.8	29.3	1198	1497	31%
122	282	85.9	165	5.9	0.0	0.0	969	1211	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	10.0	38.4	145.2	1791	2239	0%
10	23	7.0	180	10.0	36.9	139.7	1791	2239	9%
20	46	14.1	180	10.1	35.4	133.9	1811	2264	17%
30	69	21.1	180	10.1	33.7	127.6	1822	2277	24%
40	92	28.2	180	10.2	32.0	121.0	1829	2286	30%
50	116	35.2	180	10.2	30.1	113.8	1829	2286	36%
60	139	42.3	180	10.1	28.2	106.7	1823	2279	40%
70	162	49.3	180	10.1	26.1	98.6	1822	2277	44%
80	185	56.3	180	10.0	23.8	90.2	1796	2246	46%
90	208	63.4	180	9.8	21.3	80.5	1768	2210	47%
100	231	70.4	180	9.5	18.4	69.5	1715	2144	47%
110	254	77.5	180	9.1	15.0	56.8	1634	2043	44%
120	277	84.5	180	8.5	11.1	41.8	1528	1910	38%
130	300	91.6	180	7.9	6.7	25.4	1427	1784	27%
142	328	100.0	180	6.7	0.0	0.0	1197	1496	0%

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