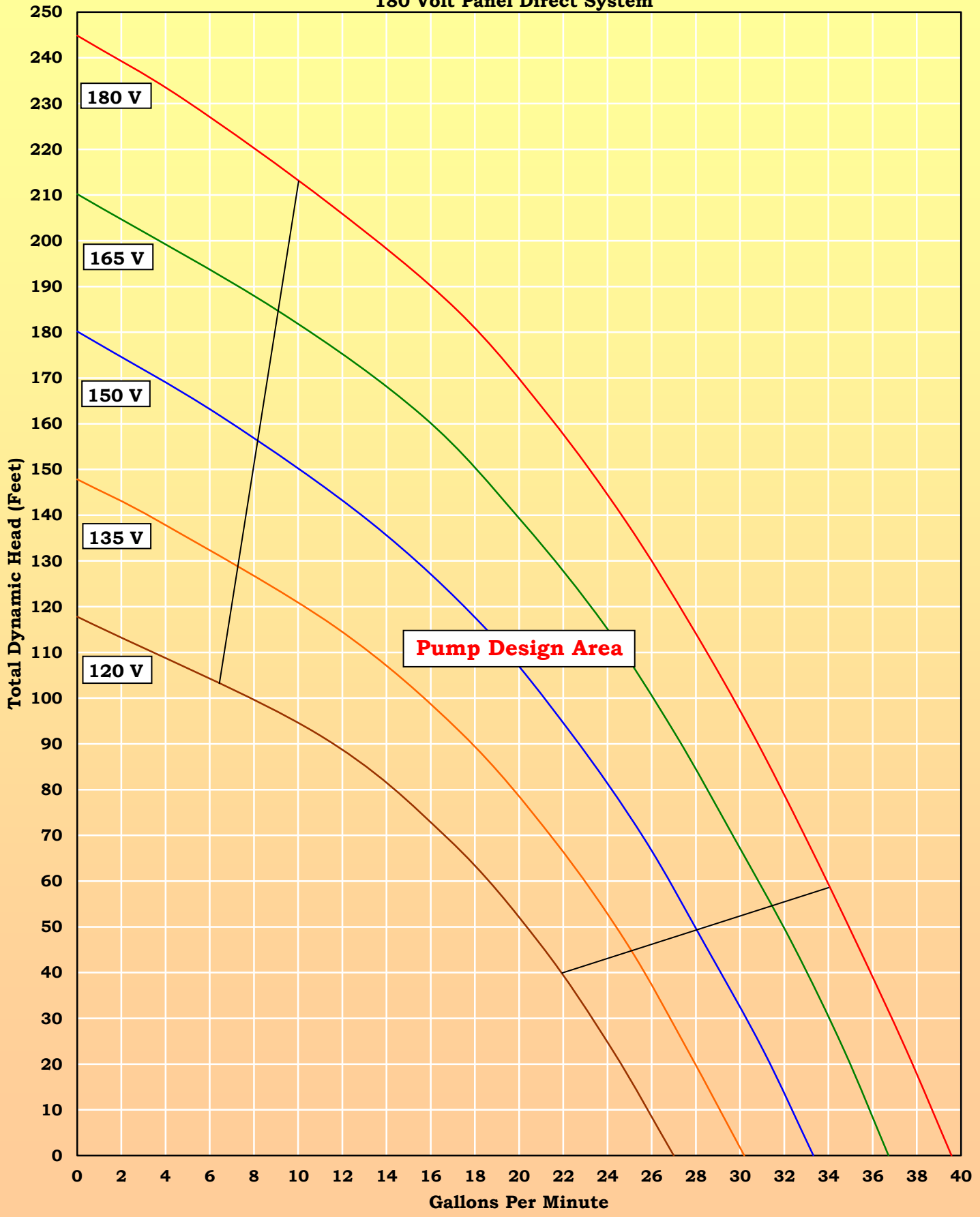


# Multi-Stage Centrifugal Booster Pump Model SCB 22-160-180 BL

180 Volt Panel Direct System



# Multi-Stage Centrifugal Booster Pump

## Model SCB 22-160-180 BL

3 HP Brushless DC Motor

**180 Volt Panel Direct System**

8 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	4.2	27.0	102.2	508	635	0%
10	23	7.0	120	4.3	24.2	91.7	516	645	20%
20	46	14.1	120	4.3	21.0	79.3	517	647	35%
30	69	21.1	120	4.2	16.8	63.5	506	633	43%
40	92	28.2	120	3.8	10.8	40.9	458	573	41%
51	118	35.9	120	2.8	0.0	0.0	331	414	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	5.1	30.2	114.3	683	854	0%
10	23	7.0	135	5.1	27.6	104.5	693	866	17%
20	46	14.1	135	5.2	24.9	94.2	699	874	31%
30	69	21.1	135	5.2	21.5	81.5	697	871	40%
40	92	28.2	135	5.0	17.4	65.8	672	840	45%
50	116	35.2	135	4.5	11.7	44.3	610	763	42%
60	139	42.3	135	3.8	3.7	14.1	517	646	19%
64	148	45.1	135	3.3	0.0	0.0	448	560	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	5.9	33.3	126.1	887	1108	0%
10	23	7.0	150	6.0	31.0	117.5	896	1119	15%
20	46	14.1	150	6.0	28.4	107.5	903	1129	27%
30	69	21.1	150	6.0	25.7	97.1	906	1133	37%
40	92	28.2	150	6.0	22.3	84.6	894	1118	43%
50	116	35.2	150	5.8	18.4	69.8	864	1080	46%
60	139	42.3	150	5.3	13.2	50.1	798	998	43%
70	162	49.3	150	4.7	6.5	24.5	698	872	28%
78	180	54.9	150	3.8	0.0	0.0	575	718	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	7.0	36.7	139.0	1157	1446	0%
10	23	7.0	165	7.1	34.7	131.3	1167	1458	13%
20	46	14.1	165	7.2	32.4	122.6	1183	1479	24%
30	69	21.1	165	7.2	29.8	112.6	1181	1477	33%
40	92	28.2	165	7.2	27.0	102.3	1185	1481	40%
50	116	35.2	165	7.0	23.9	90.6	1162	1452	45%
60	139	42.3	165	6.8	20.1	76.2	1119	1398	47%
70	162	49.3	165	6.4	15.6	59.2	1059	1324	45%
80	185	56.3	165	5.6	9.1	34.3	922	1153	34%
91	210	64.1	165	4.5	0.0	0.0	734	918	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	7.9	39.6	149.8	1415	1769	0%
10	23	7.0	180	7.9	37.5	142.0	1418	1773	12%
20	46	14.1	180	8.0	35.3	133.6	1435	1793	21%
30	69	21.1	180	8.0	33.0	124.9	1444	1805	30%
40	92	28.2	180	8.0	30.6	115.6	1444	1805	37%
50	116	35.2	180	8.0	27.8	105.3	1433	1791	42%
60	139	42.3	180	7.9	24.8	94.0	1415	1769	46%
70	162	49.3	180	7.6	21.4	80.8	1372	1715	47%
80	185	56.3	180	7.3	17.2	65.1	1309	1636	46%
90	208	63.4	180	6.6	11.5	43.4	1184	1481	38%
100	231	70.4	180	6.0	4.8	18.2	1084	1355	19%
106	245	74.7	180	5.1	0.0	0.0	914	1143	0%

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