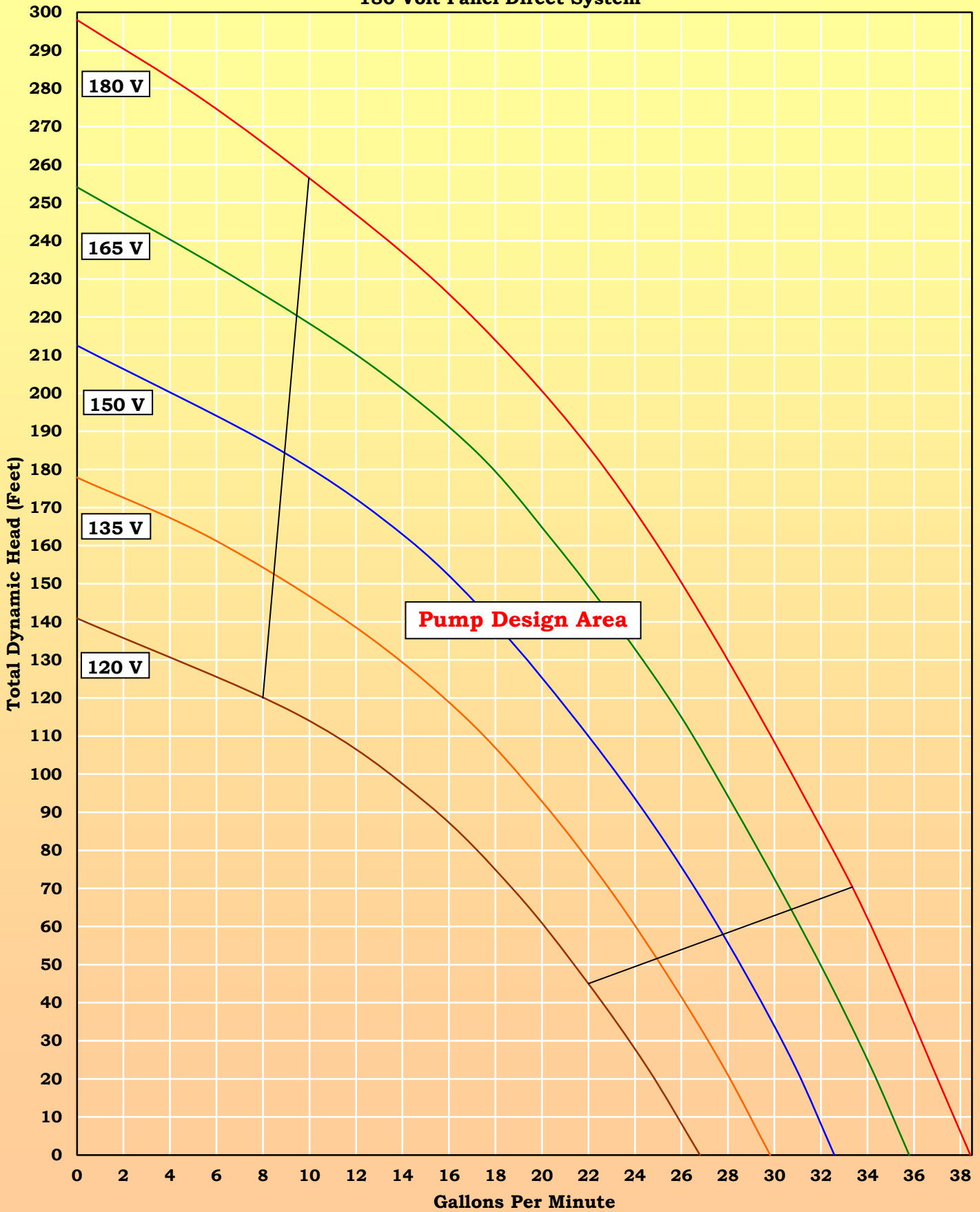


# Multi-Stage Centrifugal Booster Pump Model SCB 22-185-180 BL

180 Volt Panel Direct System



# Multi-Stage Centrifugal Booster Pump

## Model SCB 22-185-180 BL

3 HP Brushless DC Motor

**180 Volt Panel Direct System**

10 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	5.0	26.8	101.4	604	755	0%
10	23	7.0	120	5.1	24.5	92.8	612	765	17%
20	46	14.1	120	5.2	21.9	82.7	618	773	31%
30	69	21.1	120	5.1	18.8	71.3	614	768	40%
40	92	28.2	120	4.9	15.0	56.9	592	740	44%
50	116	35.2	120	4.4	9.5	36.1	530	663	39%
61	141	43.0	120	3.3	0.0	0.0	398	498	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	6.0	29.8	112.9	813	1016	0%
10	23	7.0	135	6.1	27.8	105.3	824	1029	15%
20	46	14.1	135	6.2	25.5	96.6	830	1038	27%
30	69	21.1	135	6.1	23.0	86.9	829	1036	36%
40	92	28.2	135	6.1	20.1	75.9	822	1028	42%
50	116	35.2	135	5.9	16.6	62.8	794	992	46%
60	139	42.3	135	5.5	12.0	45.3	738	923	42%
70	162	49.3	135	4.8	5.9	22.1	644	805	28%
77	178	54.2	135	4.0	0.0	0.0	537	672	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	7.0	32.6	123.3	1047	1309	0%
10	23	7.0	150	7.0	30.9	117.0	1055	1318	13%
20	46	14.1	150	7.1	28.9	109.3	1071	1339	23%
30	69	21.1	150	7.2	26.7	100.9	1077	1346	32%
40	92	28.2	150	7.1	24.1	91.4	1071	1339	39%
50	116	35.2	150	7.0	21.3	80.6	1050	1313	44%
60	139	42.3	150	6.9	18.1	68.6	1029	1286	46%
70	162	49.3	150	6.5	14.3	53.9	977	1221	44%
80	185	56.3	150	5.9	8.8	33.3	878	1097	35%
92	213	64.8	150	4.7	0.0	0.0	708	885	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	8.2	35.8	135.5	1360	1700	0%
10	23	7.0	165	8.3	34.2	129.3	1371	1714	11%
20	46	14.1	165	8.3	32.3	122.3	1376	1720	20%
30	69	21.1	165	8.4	30.3	114.6	1386	1733	29%
40	92	28.2	165	8.4	28.2	106.6	1386	1733	35%
50	116	35.2	165	8.4	25.9	98.2	1386	1733	41%
60	139	42.3	165	8.3	23.3	88.3	1370	1712	44%
70	162	49.3	165	8.1	20.4	77.3	1337	1671	47%
80	185	56.3	165	7.9	17.1	64.9	1300	1625	46%
90	208	63.4	165	7.3	12.5	47.4	1200	1499	41%
100	231	70.4	165	6.6	6.6	25.1	1089	1361	26%
110	254	77.5	165	5.5	0.0	0.0	903	1128	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	9.2	38.4	145.5	1656	2070	0%
10	23	7.0	180	9.3	36.8	139.3	1667	2084	10%
20	46	14.1	180	9.4	35.2	133.2	1683	2104	18%
30	69	21.1	180	9.4	33.4	126.6	1688	2111	26%
40	92	28.2	180	9.4	31.4	119.0	1696	2120	32%
50	116	35.2	180	9.4	29.4	111.1	1688	2111	38%
60	139	42.3	180	9.4	27.2	102.8	1685	2106	42%
70	162	49.3	180	9.3	24.8	93.9	1667	2084	45%
80	185	56.3	180	9.1	22.1	83.8	1634	2043	47%
90	208	63.4	180	8.8	18.9	71.6	1588	1985	47%
100	231	70.4	180	8.4	15.1	57.2	1507	1883	44%
110	254	77.5	180	7.7	10.5	39.7	1391	1739	36%
120	277	84.5	180	7.3	5.4	20.4	1314	1643	21%
129	298	90.9	180	6.2	0.0	0.0	1107	1384	0%

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