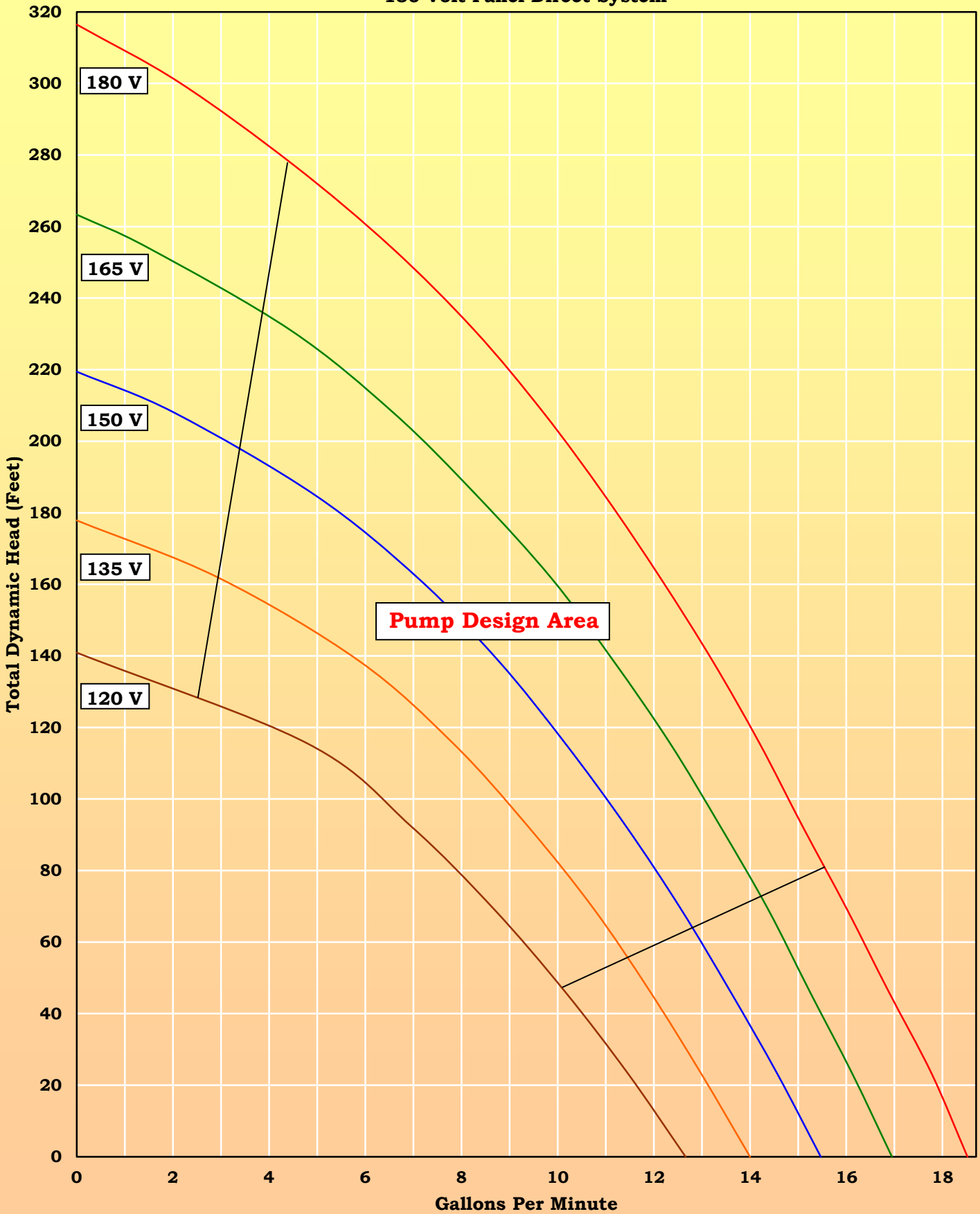


# Multi-Stage Centrifugal Booster Pump Model SCB 10-200-180 BL

180 Volt Panel Direct System



# Multi-Stage Centrifugal Booster Pump

## Model SCB 10-200-180 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	2.8	12.7	47.9	334	417	0%
10	23	7.0	120	2.8	11.5	43.4	340	425	15%
20	46	14.1	120	2.9	10.2	38.4	347	434	25%
30	69	21.1	120	2.9	8.7	32.8	350	438	32%
40	92	28.2	120	2.9	7.0	26.3	347	434	35%
50	116	35.2	120	2.7	4.8	18.2	329	411	32%
61	141	43.0	120	1.9	0.0	0.0	229	287	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	3.3	14.0	53.0	448	560	0%
10	23	7.0	135	3.4	13.0	49.2	456	570	12%
20	46	14.1	135	3.4	11.9	45.1	464	581	22%
30	69	21.1	135	3.5	10.8	40.7	470	587	30%
40	92	28.2	135	3.5	9.4	35.5	474	592	34%
50	116	35.2	135	3.5	7.8	29.6	470	587	36%
60	139	42.3	135	3.4	5.9	22.2	452	565	34%
70	162	49.3	135	3.0	3.0	11.2	400	500	23%
77	178	54.2	135	2.3	0.0	0.0	308	385	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	3.9	15.5	58.6	581	726	0%
10	23	7.0	150	3.9	14.6	55.1	591	739	11%
20	46	14.1	150	4.0	13.6	51.4	597	746	20%
30	69	21.1	150	4.0	12.6	47.5	605	756	27%
40	92	28.2	150	4.1	11.4	43.2	611	763	33%
50	116	35.2	150	4.1	10.2	38.5	614	767	36%
60	139	42.3	150	4.1	8.8	33.2	612	765	37%
70	162	49.3	150	4.0	7.1	26.9	594	743	36%
80	185	56.3	150	3.7	5.0	18.8	549	686	32%
90	208	63.4	150	3.1	2.0	7.7	462	578	17%
95	219	66.9	150	2.6	0.0	0.0	390	488	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	4.5	17.0	64.2	741	926	0%
10	23	7.0	165	4.6	16.1	61.1	751	938	9%
20	46	14.1	165	4.6	15.2	57.7	759	949	17%
30	69	21.1	165	4.7	14.4	54.4	771	963	24%
40	92	28.2	165	4.7	13.4	50.6	777	971	30%
50	116	35.2	165	4.8	12.3	46.7	784	980	34%
60	139	42.3	165	4.8	11.2	42.2	789	986	37%
70	162	49.3	165	4.8	9.9	37.4	787	984	38%
80	185	56.3	165	4.7	8.3	31.5	767	959	38%
90	208	63.4	165	4.4	6.6	24.9	731	914	35%
100	231	70.4	165	4.0	4.5	16.8	667	833	29%
110	254	77.5	165	3.3	1.5	5.6	541	677	13%
114	263	80.3	165	2.9	0.0	0.0	483	604	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	5.2	18.5	70.1	927	1159	0%
10	23	7.0	180	5.2	17.8	67.3	940	1175	8%
20	46	14.1	180	5.3	16.9	63.9	949	1186	15%
30	69	21.1	180	5.3	16.0	60.6	958	1197	22%
40	92	28.2	180	5.4	15.1	57.1	963	1204	27%
50	116	35.2	180	5.4	14.2	53.7	972	1215	32%
60	139	42.3	180	5.5	13.2	50.0	985	1231	35%
70	162	49.3	180	5.5	12.1	45.9	983	1229	38%
80	185	56.3	180	5.5	11.0	41.6	983	1229	39%
90	208	63.4	180	5.4	9.7	36.8	968	1211	39%
100	231	70.4	180	5.3	8.3	31.3	950	1188	38%
110	254	77.5	180	5.0	6.6	24.8	893	1116	35%
120	277	84.5	180	4.6	4.5	17.1	824	1031	29%
130	300	91.6	180	3.9	2.1	8.1	709	887	17%
137	316	96.5	180	3.4	0.0	0.0	612	765	0%

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