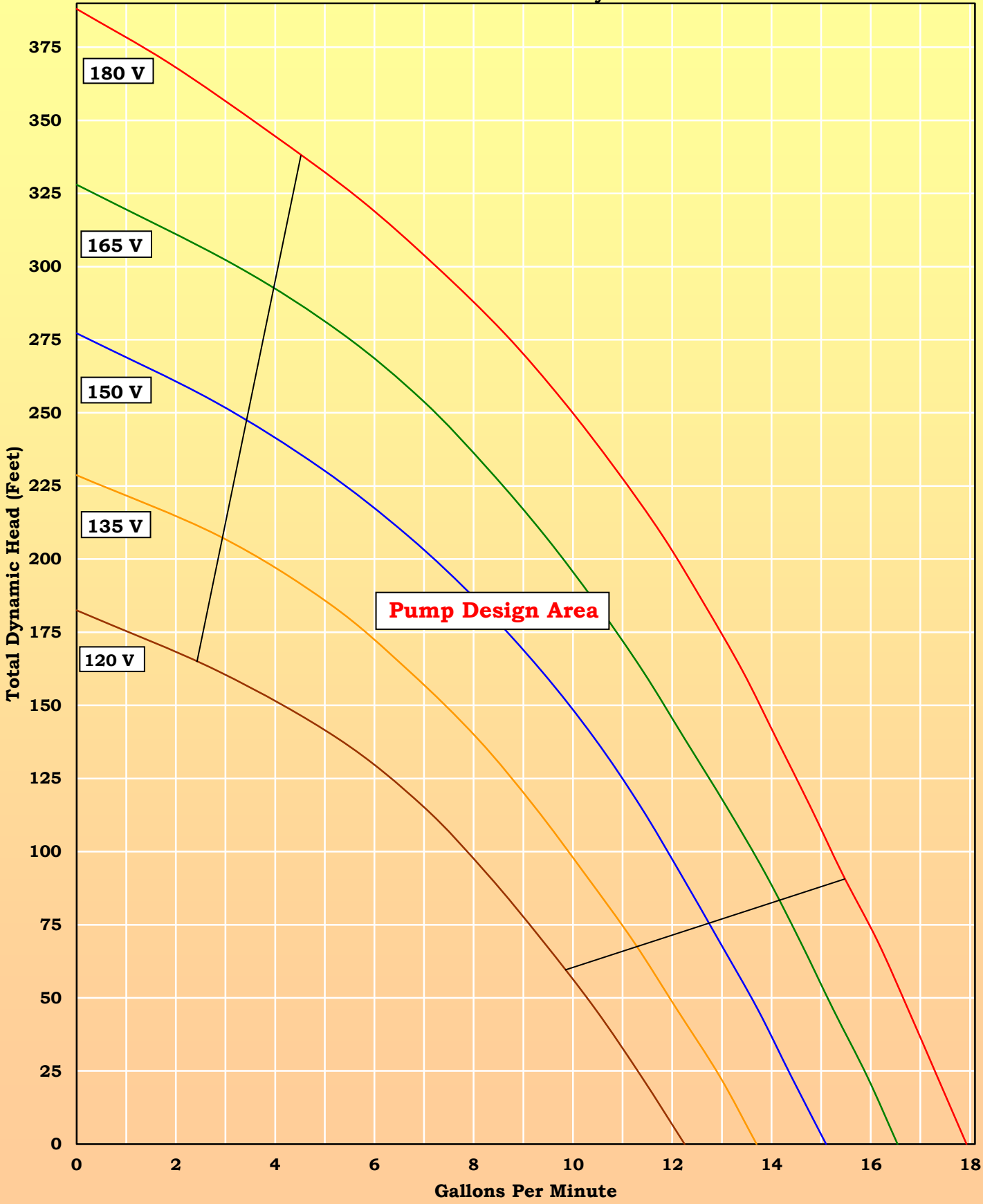


Multi-Stage Centrifugal Booster Pump Model SCB 10-250-180 BL

180 Volt Panel Direct System



Multi-Stage Centrifugal Booster Pump

Model SCB 10-250-180 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	3.3	12.3	46.4	397	497	0%
10	23	7.0	120	3.4	11.4	43.1	404	506	12%
20	46	14.1	120	3.4	10.5	39.6	413	516	22%
30	69	21.1	120	3.5	9.4	35.6	421	527	29%
40	92	28.2	120	3.5	8.3	31.3	424	530	34%
50	116	35.2	120	3.5	7.0	26.4	422	528	36%
60	139	42.3	120	3.4	5.3	19.9	407	509	34%
70	162	49.3	120	3.0	2.9	10.8	360	450	24%
79	182	55.6	120	2.3	0.0	0.0	278	348	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	4.0	13.7	51.9	533	667	0%
10	23	7.0	135	4.0	13.0	49.1	543	678	10%
20	46	14.1	135	4.1	12.1	45.8	551	689	19%
30	69	21.1	135	4.1	11.2	42.5	556	695	26%
40	92	28.2	135	4.2	10.2	38.8	563	704	32%
50	116	35.2	135	4.2	9.2	34.9	570	712	35%
60	139	42.3	135	4.2	8.1	30.6	570	712	37%
70	162	49.3	135	4.1	6.7	25.4	558	697	37%
80	185	56.3	135	4.0	5.1	19.3	536	670	33%
90	208	63.4	135	3.5	2.9	10.9	471	589	24%
99	229	69.7	135	2.8	0.0	0.0	373	466	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	4.6	15.1	57.2	690	863	0%
10	23	7.0	150	4.7	14.4	54.5	702	878	9%
20	46	14.1	150	4.7	13.7	51.9	711	889	17%
30	69	21.1	150	4.8	13.0	49.0	720	900	23%
40	92	28.2	150	4.8	12.2	46.1	725	906	29%
50	116	35.2	150	4.9	11.4	43.0	734	917	34%
60	139	42.3	150	4.9	10.4	39.5	741	926	37%
70	162	49.3	150	4.9	9.4	35.5	741	926	39%
80	185	56.3	150	4.9	8.1	30.8	732	915	39%
90	208	63.4	150	4.8	6.7	25.3	714	893	37%
100	231	70.4	150	4.5	4.9	18.7	672	840	32%
110	254	77.5	150	4.1	2.8	10.4	611	763	22%
120	277	84.5	150	3.2	0.0	0.0	477	596	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	5.4	16.5	62.6	889	1112	0%
10	23	7.0	165	5.5	15.9	60.3	903	1128	8%
20	46	14.1	165	5.5	15.2	57.7	912	1141	15%
30	69	21.1	165	5.6	14.6	55.2	916	1145	21%
40	92	28.2	165	5.6	13.9	52.5	926	1157	26%
50	116	35.2	165	5.7	13.1	49.5	937	1172	30%
60	139	42.3	165	5.8	12.3	46.4	949	1186	34%
70	162	49.3	165	5.8	11.4	43.2	957	1196	36%
80	185	56.3	165	5.8	10.5	39.6	957	1196	38%
90	208	63.4	165	5.8	9.4	35.7	954	1192	39%
100	231	70.4	165	5.7	8.3	31.3	936	1169	39%
110	254	77.5	165	5.5	7.0	26.4	911	1139	37%
120	277	84.5	165	5.2	5.3	20.2	851	1064	33%
130	300	91.6	165	4.8	3.2	12.1	784	980	23%
142	328	100.0	165	3.6	0.0	0.0	601	751	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	6.1	17.9	67.9	1103	1379	0%
10	23	7.0	180	6.2	17.3	65.6	1116	1395	7%
20	46	14.1	180	6.3	16.8	63.4	1129	1411	13%
30	69	21.1	180	6.3	16.1	61.1	1130	1413	19%
40	92	28.2	180	6.3	15.4	58.4	1139	1424	24%
50	116	35.2	180	6.4	14.8	55.9	1152	1440	28%
60	139	42.3	180	6.5	14.1	53.4	1161	1451	32%
70	162	49.3	180	6.5	13.4	50.8	1172	1465	35%
80	185	56.3	180	6.6	12.6	47.8	1181	1476	37%
90	208	63.4	180	6.6	11.8	44.7	1188	1485	39%
100	231	70.4	180	6.6	10.9	41.1	1184	1481	40%
110	254	77.5	180	6.5	9.8	37.1	1170	1463	40%
120	277	84.5	180	6.4	8.6	32.6	1147	1433	39%
130	300	91.6	180	6.2	7.2	27.4	1118	1397	37%
140	323	98.6	180	5.9	5.7	21.5	1064	1330	33%
150	347	105.6	180	5.5	3.8	14.5	988	1235	25%
160	370	112.7	180	4.9	1.9	7.0	878	1098	15%
168	388	118.3	180	4.2	0.0	0.0	763	954	0%

* Solar array watts using a 20% deration factor.