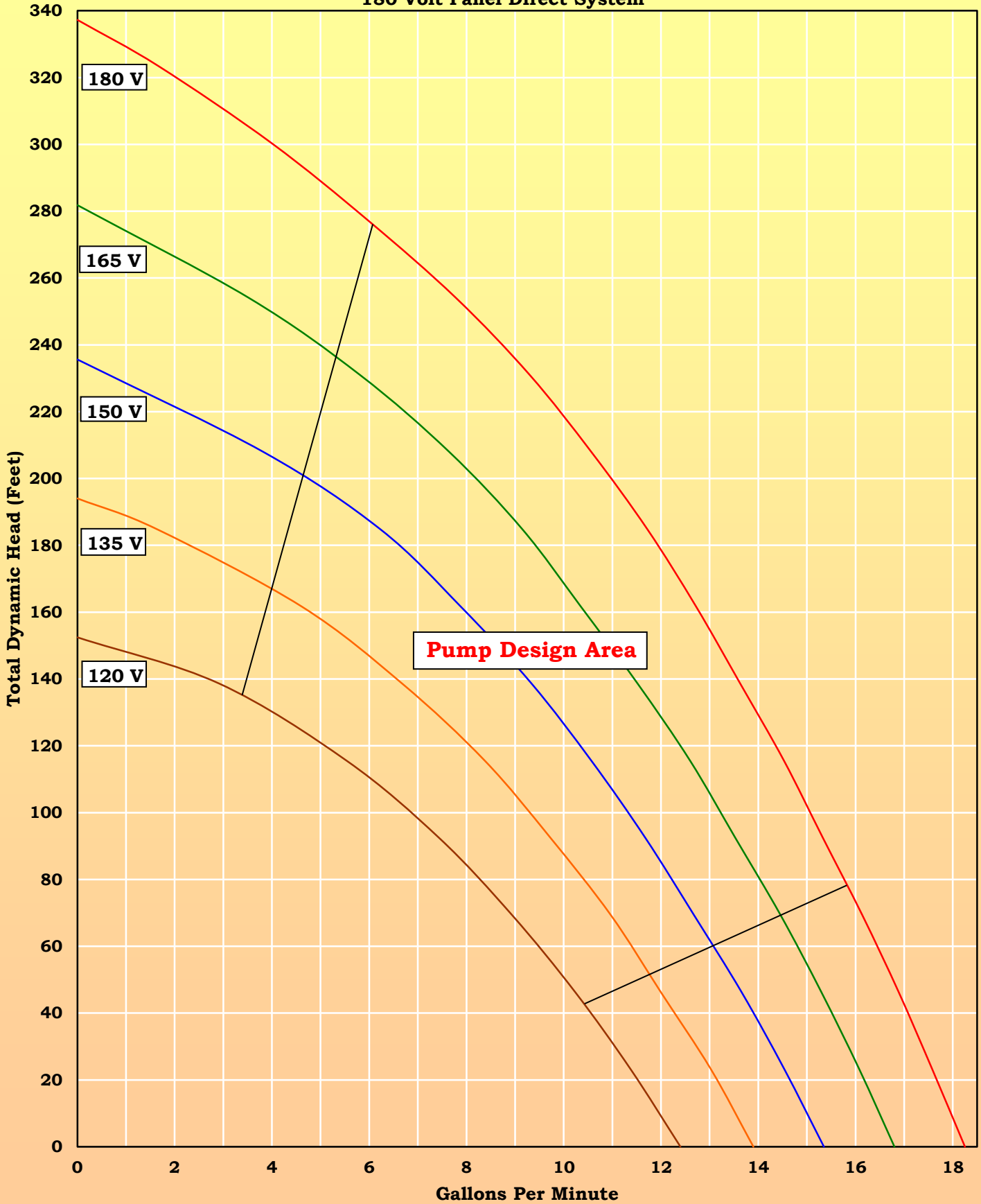


Multi-Stage Centrifugal Booster Pump Model SCB 10-220-180 BL

180 Volt Panel Direct System



Multi-Stage Centrifugal Booster Pump

Model SCB 10-220-180 BL

3 HP Brushless DC Motor

180 Volt Panel Direct System

12 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	2.9	12.4	46.9	353	441	0%
10	23	7.0	120	3.0	11.4	43.1	358	447	14%
20	46	14.1	120	3.1	10.2	38.8	366	458	24%
30	69	21.1	120	3.1	8.9	33.8	372	465	31%
40	92	28.2	120	3.1	7.4	28.2	372	465	35%
50	116	35.2	120	3.0	5.5	21.0	359	449	34%
60	139	42.3	120	2.6	2.9	11.1	314	393	24%
66	152	46.5	120	2.0	0.0	0.0	242	303	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	3.5	13.9	52.6	474	592	0%
10	23	7.0	135	3.6	13.0	49.3	483	604	12%
20	46	14.1	135	3.6	12.0	45.4	491	614	21%
30	69	21.1	135	3.7	11.0	41.5	498	623	29%
40	92	28.2	135	3.7	9.7	36.8	502	628	34%
50	116	35.2	135	3.7	8.4	31.7	502	628	36%
60	139	42.3	135	3.7	6.7	25.3	493	616	35%
70	162	49.3	135	3.4	4.6	17.4	462	577	30%
80	185	56.3	135	2.8	1.6	6.2	381	476	15%
84	194	59.2	135	2.4	0.0	0.0	324	405	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	4.1	15.4	58.1	618	773	0%
10	23	7.0	150	4.2	14.5	55.0	623	778	10%
20	46	14.1	150	4.2	13.7	51.7	635	793	19%
30	69	21.1	150	4.3	12.7	48.0	641	801	26%
40	92	28.2	150	4.3	11.7	44.2	647	808	31%
50	116	35.2	150	4.4	10.6	40.0	653	816	35%
60	139	42.3	150	4.4	9.3	35.4	654	818	37%
70	162	49.3	150	4.3	7.9	29.8	647	808	37%
80	185	56.3	150	4.2	6.2	23.6	624	780	35%
90	208	63.4	150	3.8	3.8	14.5	563	703	27%
102	236	71.8	150	2.8	0.0	0.0	420	525	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	4.8	16.8	63.6	784	980	0%
10	23	7.0	165	4.8	16.1	60.9	797	996	9%
20	46	14.1	165	4.9	15.3	57.9	807	1009	17%
30	69	21.1	165	5.0	14.5	54.7	818	1023	23%
40	92	28.2	165	5.0	13.5	51.2	827	1033	28%
50	116	35.2	165	5.1	12.6	47.7	833	1042	33%
60	139	42.3	165	5.1	11.5	43.6	842	1052	36%
70	162	49.3	165	5.1	10.4	39.2	845	1056	37%
80	185	56.3	165	5.1	9.2	34.6	833	1042	38%
90	208	63.4	165	4.9	7.7	29.0	809	1011	37%
100	231	70.4	165	4.6	5.8	22.0	764	955	33%
110	254	77.5	165	4.3	3.5	13.3	701	877	24%
122	282	85.9	165	3.2	0.0	0.0	530	662	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	5.4	18.3	69.1	977	1222	0%
10	23	7.0	180	5.5	17.6	66.5	986	1233	8%
20	46	14.1	180	5.6	16.9	63.9	1003	1253	15%
30	69	21.1	180	5.7	16.1	61.1	1017	1271	21%
40	92	28.2	180	5.7	15.3	58.0	1021	1276	26%
50	116	35.2	180	5.7	14.5	55.0	1031	1289	31%
60	139	42.3	180	5.8	13.6	51.6	1040	1301	34%
70	162	49.3	180	5.8	12.7	48.1	1044	1305	37%
80	185	56.3	180	5.8	11.7	44.4	1044	1305	39%
90	208	63.4	180	5.8	10.6	40.0	1039	1298	40%
100	231	70.4	180	5.7	9.3	35.2	1019	1274	40%
110	254	77.5	180	5.5	7.8	29.4	988	1235	38%
120	277	84.5	180	5.2	6.0	22.6	936	1170	33%
130	300	91.6	180	4.7	4.0	15.1	853	1067	27%
140	323	98.6	180	4.0	1.7	6.3	715	893	14%
146	337	102.8	180	3.6	0.0	0.0	648	810	0%

* Solar array watts using a 20% deration factor.