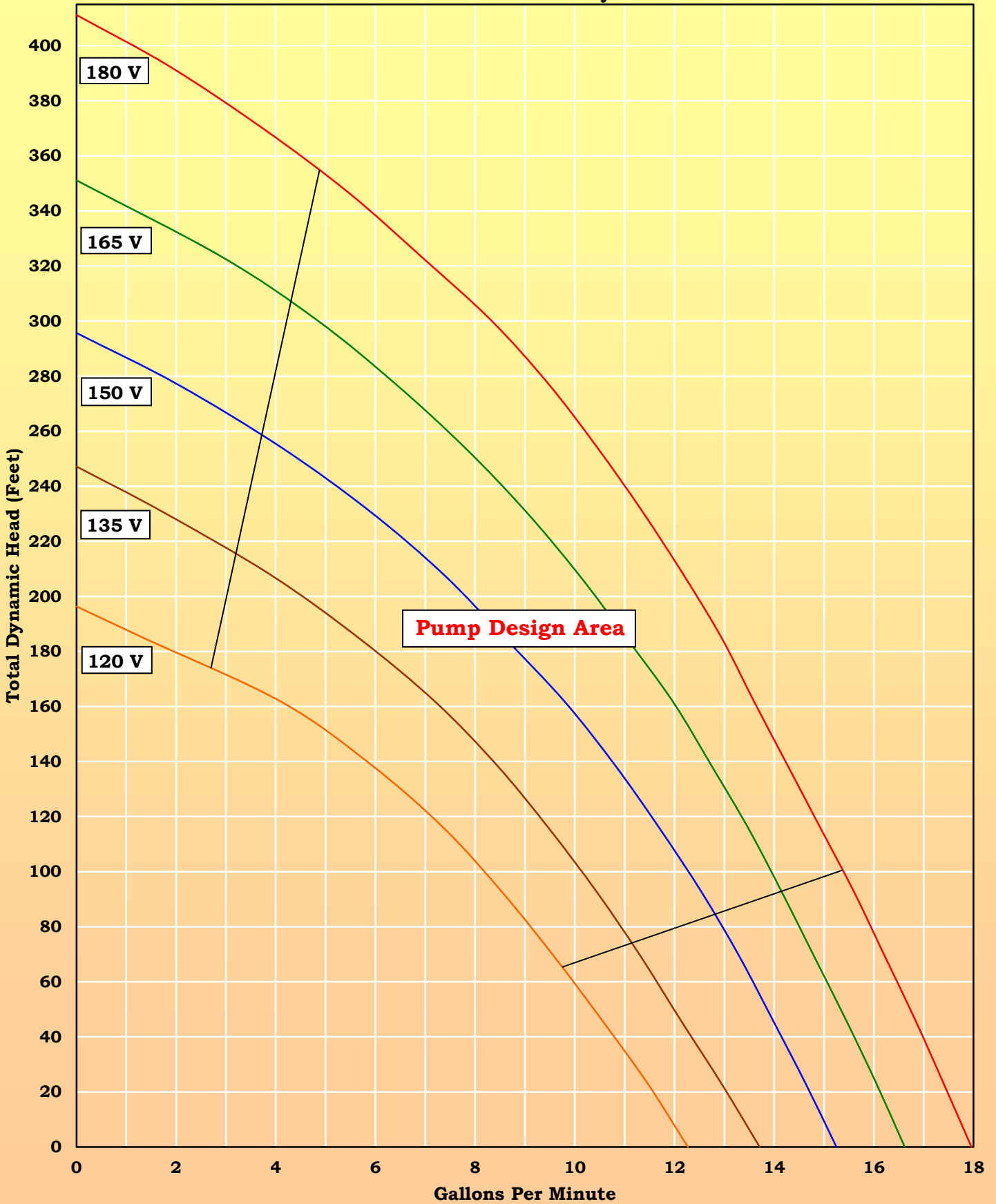


Multi-Stage Centrifugal Booster Pump Model SCB 10-265-180 BL

180 Volt Panel Direct System



Multi-Stage Centrifugal Booster Pump

Model SCB 10-265-180 BL

3 HP Brushless DC Motor

180 Volt Panel Direct System

15 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	3.5	12.3	46.4	418	522	0%
10	23	7.0	120	3.5	11.5	43.4	425	531	12%
20	46	14.1	120	3.6	10.5	39.9	431	539	21%
30	69	21.1	120	3.7	9.6	36.3	439	549	28%
40	92	28.2	120	3.7	8.6	32.4	442	552	34%
50	116	35.2	120	3.7	7.4	28.0	444	555	36%
60	139	42.3	120	3.6	5.9	22.4	434	543	36%
70	162	49.3	120	3.4	4.1	15.6	407	509	31%
80	185	56.3	120	3.1	1.4	5.1	371	464	13%
85	196	59.9	120	2.4	0.0	0.0	293	366	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	4.1	13.7	51.9	559	699	0%
10	23	7.0	135	4.2	12.9	49.0	567	709	10%
20	46	14.1	135	4.2	12.1	45.9	571	714	18%
30	69	21.1	135	4.3	11.3	42.8	579	724	26%
40	92	28.2	135	4.3	10.5	39.6	586	732	31%
50	116	35.2	135	4.4	9.5	35.9	595	744	35%
60	139	42.3	135	4.4	8.4	31.9	598	748	37%
70	162	49.3	135	4.4	7.2	27.3	590	737	37%
80	185	56.3	135	4.2	5.7	21.5	570	712	35%
90	208	63.4	135	3.9	3.9	14.7	531	663	29%
100	231	70.4	135	3.3	1.7	6.4	450	562	16%
107	247	75.4	135	2.9	0.0	0.0	392	489	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	4.9	15.3	57.7	729	911	0%
10	23	7.0	150	4.9	14.6	55.4	734	917	9%
20	46	14.1	150	5.0	14.0	52.9	743	928	16%
30	69	21.1	150	5.0	13.3	50.3	749	936	23%
40	92	28.2	150	5.1	12.6	47.5	759	949	29%
50	116	35.2	150	5.1	11.7	44.3	768	960	33%
60	139	42.3	150	5.2	10.8	40.9	776	969	36%
70	162	49.3	150	5.2	9.8	37.1	780	975	38%
80	185	56.3	150	5.2	8.6	32.6	777	971	39%
90	208	63.4	150	5.1	7.4	27.9	761	951	38%
100	231	70.4	150	4.9	5.9	22.3	731	913	35%
110	254	77.5	150	4.5	4.1	15.6	678	848	29%
120	277	84.5	150	4.0	2.0	7.6	594	743	18%
128	296	90.1	150	3.4	0.0	0.0	503	628	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	5.7	16.6	62.9	932	1165	0%
10	23	7.0	165	5.7	16.1	60.7	944	1180	7%
20	46	14.1	165	5.8	15.4	58.4	954	1192	14%
30	69	21.1	165	5.8	14.8	56.0	962	1202	20%
40	92	28.2	165	5.9	14.2	53.6	970	1213	25%
50	116	35.2	165	6.0	13.5	51.1	983	1229	30%
60	139	42.3	165	6.0	12.7	48.2	997	1246	33%
70	162	49.3	165	6.1	12.0	45.3	1007	1258	36%
80	185	56.3	165	6.1	11.0	41.8	1007	1258	38%
90	208	63.4	165	6.1	10.1	38.2	1007	1258	39%
100	231	70.4	165	6.1	9.0	34.1	998	1248	39%
110	254	77.5	165	5.9	7.8	29.5	974	1217	38%
120	277	84.5	165	5.7	6.4	24.2	941	1176	36%
130	300	91.6	165	5.3	4.8	18.3	878	1097	31%
140	323	98.6	165	4.8	2.9	11.0	790	988	22%
152	351	107.0	165	3.8	0.0	0.0	630	788	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	6.4	18.0	68.0	1154	1442	0%
10	23	7.0	180	6.5	17.4	65.9	1161	1451	7%
20	46	14.1	180	6.5	16.8	63.7	1172	1465	13%
30	69	21.1	180	6.6	16.2	61.4	1186	1483	18%
40	92	28.2	180	6.7	15.6	59.1	1199	1499	23%
50	116	35.2	180	6.7	14.9	56.5	1206	1508	27%
60	139	42.3	180	6.8	14.3	54.0	1217	1521	31%
70	162	49.3	180	6.8	13.6	51.5	1219	1523	34%
80	185	56.3	180	6.8	13.0	49.0	1229	1537	37%
90	208	63.4	180	6.9	12.2	46.1	1237	1546	39%
100	231	70.4	180	6.9	11.4	43.0	1237	1546	40%
110	254	77.5	180	6.8	10.5	39.6	1226	1532	41%
120	277	84.5	180	6.8	9.5	35.8	1215	1519	41%
130	300	91.6	180	6.6	8.3	31.5	1192	1490	39%
140	323	98.6	180	6.4	6.9	26.2	1152	1440	37%
150	347	105.6	180	6.1	5.5	20.7	1105	1382	32%
160	370	112.7	180	5.7	3.8	14.3	1022	1278	26%
170	393	119.7	180	5.1	1.9	7.0	918	1148	15%
178	411	125.4	180	4.4	0.0	0.0	790	988	0%

* Solar array watts using a 20% deration factor.