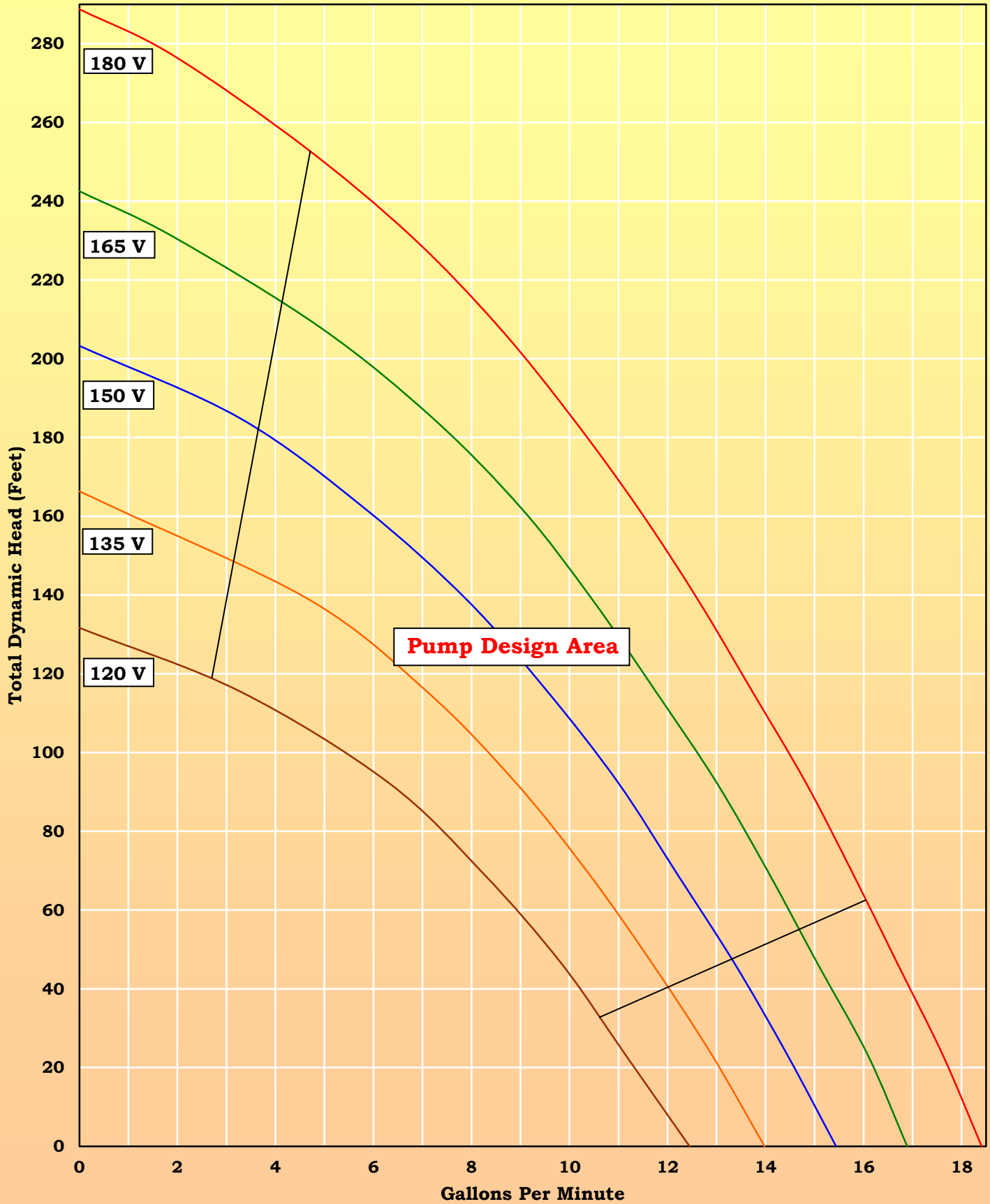


Multi-Stage Centrifugal Booster Pump Model SCB 10-185-180 BL

180 Volt Panel Direct System



Multi-Stage Centrifugal Booster Pump

Model SCB 10-185-180 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	2.6	12.5	47.1	308	386	0%
10	23	7.0	120	2.6	11.2	42.2	317	396	15%
20	46	14.1	120	2.7	9.9	37.3	323	404	27%
30	69	21.1	120	2.7	8.2	31.2	329	411	33%
40	92	28.2	120	2.7	6.3	23.8	320	401	34%
50	116	35.2	120	2.4	3.3	12.4	286	357	25%
57	132	40.1	120	1.8	0.0	0.0	218	273	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	3.1	14.0	52.9	413	516	0%
10	23	7.0	135	3.1	12.9	48.9	423	528	13%
20	46	14.1	135	3.2	11.7	44.3	432	540	24%
30	69	21.1	135	3.3	10.4	39.3	439	548	31%
40	92	28.2	135	3.3	8.9	33.7	440	550	35%
50	116	35.2	135	3.2	7.1	26.8	432	540	36%
60	139	42.3	135	3.0	4.7	17.9	402	503	31%
70	162	49.3	135	2.4	0.8	3.0	321	402	8%
72	166	50.7	135	2.2	0.0	0.0	290	363	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	3.6	15.4	58.4	536	669	0%
10	23	7.0	150	3.6	14.5	54.7	545	681	12%
20	46	14.1	150	3.7	13.4	50.6	552	690	21%
30	69	21.1	150	3.7	12.2	46.1	557	696	29%
40	92	28.2	150	3.8	11.0	41.6	564	705	34%
50	116	35.2	150	3.8	9.6	36.1	566	707	37%
60	139	42.3	150	3.7	7.9	30.0	558	698	37%
70	162	49.3	150	3.6	5.9	22.1	533	666	33%
80	185	56.3	150	3.1	3.3	12.5	470	587	24%
88	203	62.0	150	2.5	0.0	0.0	377	471	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	4.1	16.9	63.9	677	846	0%
10	23	7.0	165	4.2	16.1	60.9	688	860	10%
20	46	14.1	165	4.3	15.1	57.0	701	877	19%
30	69	21.1	165	4.3	14.1	53.3	710	887	26%
40	92	28.2	165	4.4	13.0	49.2	719	899	31%
50	116	35.2	165	4.4	11.8	44.5	724	905	35%
60	139	42.3	165	4.4	10.5	39.7	726	908	38%
70	162	49.3	165	4.4	9.0	34.2	721	901	38%
80	185	56.3	165	4.2	7.2	27.3	696	870	36%
90	208	63.4	165	3.9	4.9	18.6	640	800	30%
100	231	70.4	165	3.4	1.9	7.2	553	691	15%
105	243	73.9	165	2.9	0.0	0.0	474	592	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	4.7	18.4	69.7	851	1064	0%
10	23	7.0	180	4.8	17.6	66.7	859	1073	9%
20	46	14.1	180	4.8	16.7	63.2	871	1089	17%
30	69	21.1	180	4.9	15.8	59.7	878	1098	23%
40	92	28.2	180	5.0	14.8	56.1	891	1114	29%
50	116	35.2	180	5.0	13.7	52.0	895	1118	33%
60	139	42.3	180	5.0	12.6	47.8	905	1132	36%
70	162	49.3	180	5.1	11.4	43.2	909	1136	38%
80	185	56.3	180	5.0	10.1	38.1	900	1125	39%
90	208	63.4	180	4.9	8.6	32.4	877	1096	38%
100	231	70.4	180	4.7	6.8	25.7	837	1046	35%
110	254	77.5	180	4.3	4.6	17.3	779	974	28%
120	277	84.5	180	3.7	1.9	7.2	657	821	15%
125	289	88.0	180	3.3	0.0	0.0	589	736	0%

* Solar array watts using a 20% deration factor.