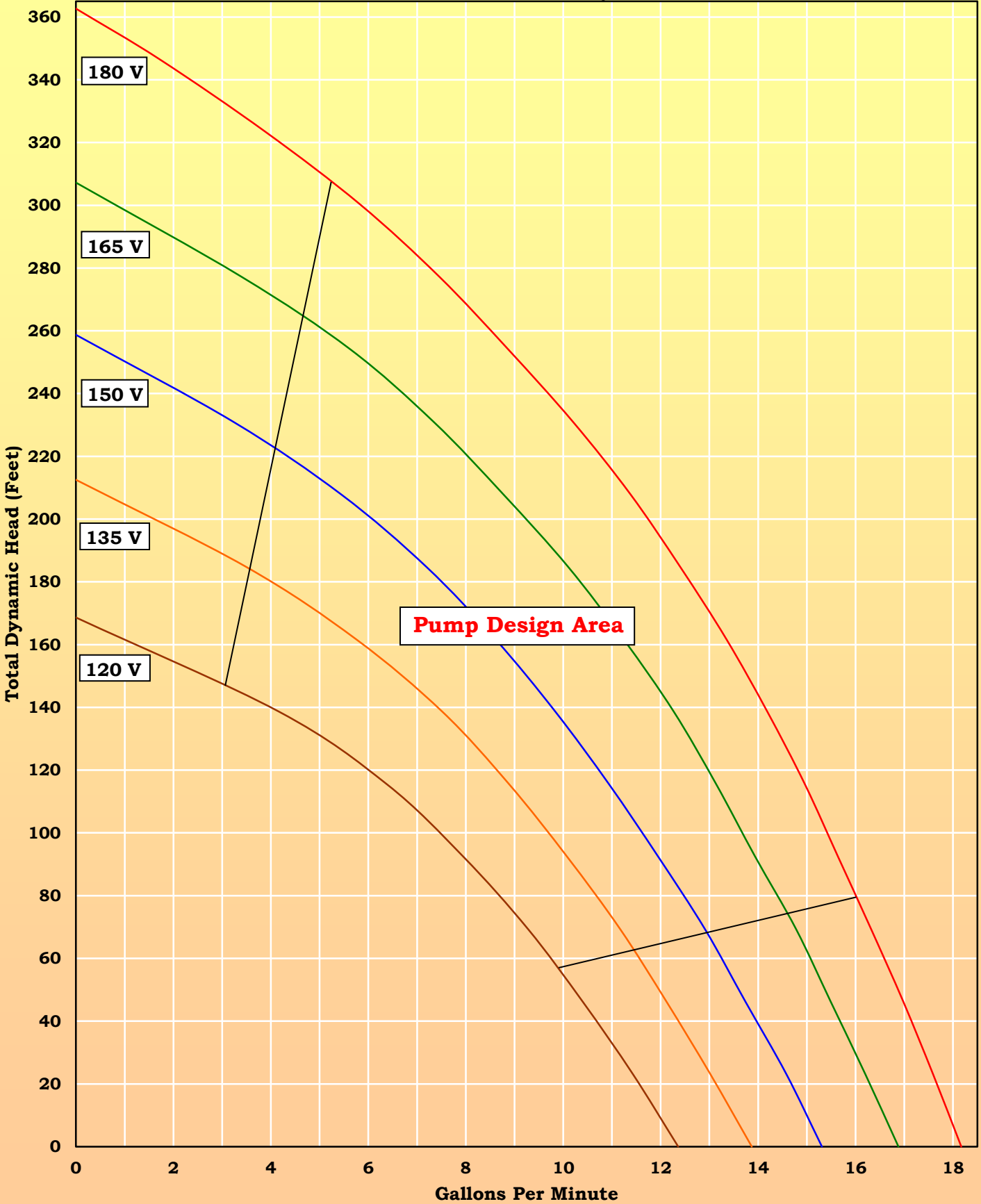


# Multi-Stage Centrifugal Booster Pump Model SCB 10-235-180 BL

180 Volt Panel Direct System



# Multi-Stage Centrifugal Booster Pump

## Model SCB 10-235-180 BL

3 HP Brushless DC Motor

**180 Volt Panel Direct System**

13 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	3.1	12.4	46.8	374	468	0%
10	23	7.0	120	3.2	11.4	43.3	384	480	13%
20	46	14.1	120	3.3	10.4	39.4	392	491	23%
30	69	21.1	120	3.3	9.3	35.1	398	498	30%
40	92	28.2	120	3.3	8.0	30.1	401	501	35%
50	116	35.2	120	3.3	6.4	24.1	394	492	35%
60	139	42.3	120	3.0	4.2	15.8	361	452	30%
73	169	51.4	120	2.2	0.0	0.0	262	327	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	3.7	13.9	52.5	505	631	0%
10	23	7.0	135	3.8	13.0	49.3	513	641	11%
20	46	14.1	135	3.9	12.1	45.9	522	653	20%
30	69	21.1	135	3.9	11.2	42.3	529	662	28%
40	92	28.2	135	4.0	10.1	38.2	536	670	33%
50	116	35.2	135	4.0	8.9	33.6	536	670	36%
60	139	42.3	135	4.0	7.5	28.5	535	668	37%
70	162	49.3	135	3.3	5.8	21.8	444	555	39%
80	185	56.3	135	3.4	3.5	13.2	463	579	26%
92	213	64.8	135	2.6	0.0	0.0	352	440	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	4.4	15.3	57.9	654	818	0%
10	23	7.0	150	4.4	14.6	55.2	666	833	10%
20	46	14.1	150	4.5	13.7	52.0	675	844	18%
30	69	21.1	150	4.6	12.9	48.9	683	853	25%
40	92	28.2	150	4.6	12.0	45.2	683	853	30%
50	116	35.2	150	4.6	10.9	41.4	692	864	34%
60	139	42.3	150	4.7	9.8	37.2	698	872	37%
70	162	49.3	150	4.6	8.6	32.6	695	868	38%
80	185	56.3	150	4.5	7.2	27.2	680	849	37%
90	208	63.4	150	4.3	5.4	20.6	645	806	33%
100	231	70.4	150	3.9	3.2	12.2	578	722	24%
112	259	78.9	150	3.0	0.0	0.0	443	553	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	5.1	16.9	63.9	838	1048	0%
10	23	7.0	165	5.1	16.2	61.3	848	1060	8%
20	46	14.1	165	5.2	15.5	58.6	855	1068	16%
30	69	21.1	165	5.3	14.8	55.9	866	1083	22%
40	92	28.2	165	5.3	13.9	52.8	875	1093	28%
50	116	35.2	165	5.4	13.1	49.7	884	1106	32%
60	139	42.3	165	5.4	12.3	46.4	894	1118	36%
70	162	49.3	165	5.5	11.2	42.5	899	1124	38%
80	185	56.3	165	5.5	10.1	38.2	899	1124	39%
90	208	63.4	165	5.4	8.8	33.2	886	1108	39%
100	231	70.4	165	5.2	7.3	27.8	860	1075	37%
110	254	77.5	165	4.9	5.6	21.3	815	1019	33%
120	277	84.5	165	4.4	3.4	12.9	733	916	24%
133	307	93.7	165	3.4	0.0	0.0	556	695	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	5.8	18.2	68.8	1040	1301	0%
10	23	7.0	180	5.8	17.6	66.6	1044	1305	7%
20	46	14.1	180	5.9	17.0	64.3	1057	1321	14%
30	69	21.1	180	6.0	16.3	61.8	1071	1339	20%
40	92	28.2	180	6.0	15.6	59.2	1080	1350	25%
50	116	35.2	180	6.1	15.0	56.6	1091	1364	30%
60	139	42.3	180	6.1	14.2	53.7	1103	1379	34%
70	162	49.3	180	6.2	13.4	50.5	1112	1391	37%
80	185	56.3	180	6.2	12.4	46.9	1121	1402	38%
90	208	63.4	180	6.2	11.4	43.1	1121	1402	40%
100	231	70.4	180	6.2	10.2	38.6	1111	1388	40%
110	254	77.5	180	6.1	8.9	33.6	1089	1361	39%
120	277	84.5	180	5.8	7.5	28.2	1046	1307	37%
130	300	91.6	180	5.5	5.8	22.1	994	1242	33%
140	323	98.6	180	5.2	3.9	14.7	932	1166	25%
150	347	105.6	180	4.5	1.7	6.5	801	1001	14%
157	363	110.6	180	3.9	0.0	0.0	693	866	0%

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