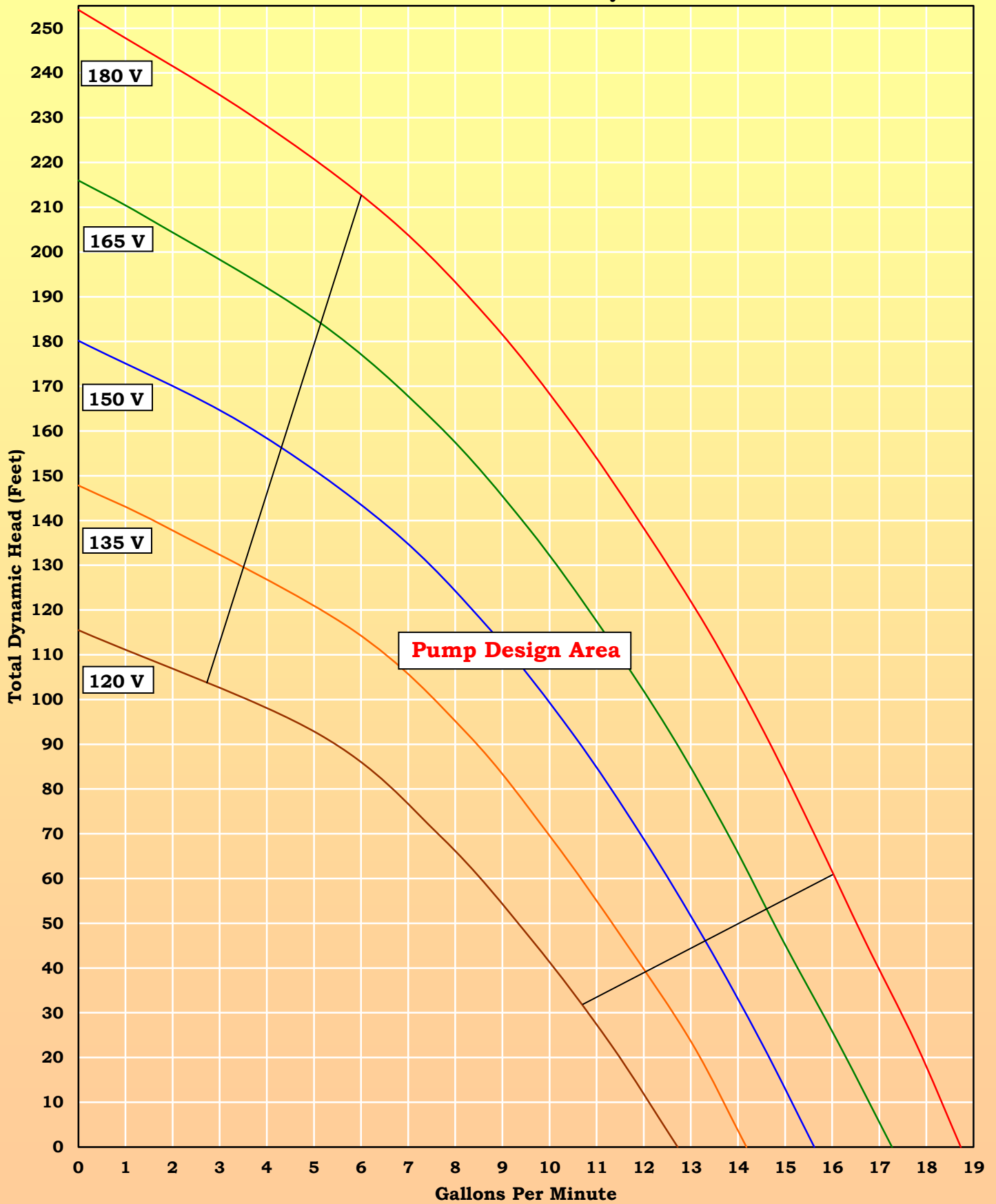


Multi-Stage Centrifugal Booster Pump Model SCB 10-170-180 BL

180 Volt Panel Direct System



Multi-Stage Centrifugal Booster Pump

Model SCB 10-170-180 BL

3 HP Brushless DC Motor

180 Volt Panel Direct System

9 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	2.4	12.7	48.1	282	353	0%
10	23	7.0	120	2.4	11.3	42.7	292	365	17%
20	46	14.1	120	2.5	9.6	36.4	298	372	28%
30	69	21.1	120	2.5	7.7	29.1	300	375	34%
40	92	28.2	120	2.4	5.1	19.2	282	353	31%
50	116	35.2	120	1.6	0.0	0.0	197	246	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	2.8	14.2	53.7	379	474	0%
10	23	7.0	135	2.9	13.0	49.3	390	488	15%
20	46	14.1	135	3.0	11.6	43.8	398	498	25%
30	69	21.1	135	3.0	10.0	37.9	404	505	32%
40	92	28.2	135	3.0	8.3	31.2	402	503	36%
50	116	35.2	135	2.8	5.8	22.1	383	479	33%
60	139	42.3	135	2.4	1.9	7.0	320	400	15%
64	148	45.1	135	2.0	0.0	0.0	265	331	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	3.3	15.6	59.1	495	619	0%
10	23	7.0	150	3.4	14.5	54.9	504	630	13%
20	46	14.1	150	3.4	13.3	50.3	512	639	23%
30	69	21.1	150	3.4	12.0	45.3	516	645	30%
40	92	28.2	150	3.5	10.5	39.7	521	651	35%
50	116	35.2	150	3.5	8.8	33.1	518	647	37%
60	139	42.3	150	3.3	6.6	24.9	498	623	34%
70	162	49.3	150	3.0	3.5	13.2	443	553	24%
78	180	54.9	150	2.3	0.0	0.0	342	428	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	3.8	17.3	65.4	622	778	0%
10	23	7.0	165	3.8	16.1	61.1	632	790	11%
20	46	14.1	165	3.9	15.0	56.6	640	800	20%
30	69	21.1	165	4.0	13.8	52.3	652	815	28%
40	92	28.2	165	4.0	12.6	47.6	658	823	33%
50	116	35.2	165	4.0	11.1	42.1	663	829	37%
60	139	42.3	165	4.0	9.5	36.1	660	825	38%
70	162	49.3	165	3.9	7.6	28.8	639	798	36%
80	185	56.3	165	3.6	5.1	19.1	586	732	30%
90	208	63.4	165	2.8	1.4	5.4	462	578	12%
94	216	65.8	165	2.6	0.0	0.0	426	532	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	4.3	18.7	70.9	781	977	0%
10	23	7.0	180	4.4	17.8	67.3	792	990	10%
20	46	14.1	180	4.5	16.7	63.2	803	1004	18%
30	69	21.1	180	4.5	15.7	59.2	814	1017	25%
40	92	28.2	180	4.6	14.6	55.1	823	1028	31%
50	116	35.2	180	4.6	13.4	50.6	832	1040	35%
60	139	42.3	180	4.6	12.0	45.3	835	1044	37%
70	162	49.3	180	4.6	10.5	39.6	830	1037	38%
80	185	56.3	180	4.5	8.7	33.0	806	1008	38%
90	208	63.4	180	4.2	6.6	24.8	763	954	34%
100	231	70.4	180	3.8	3.6	13.6	682	853	23%
110	254	77.5	180	2.9	0.0	0.0	529	662	0%

* Solar array watts using a 20% deration factor.