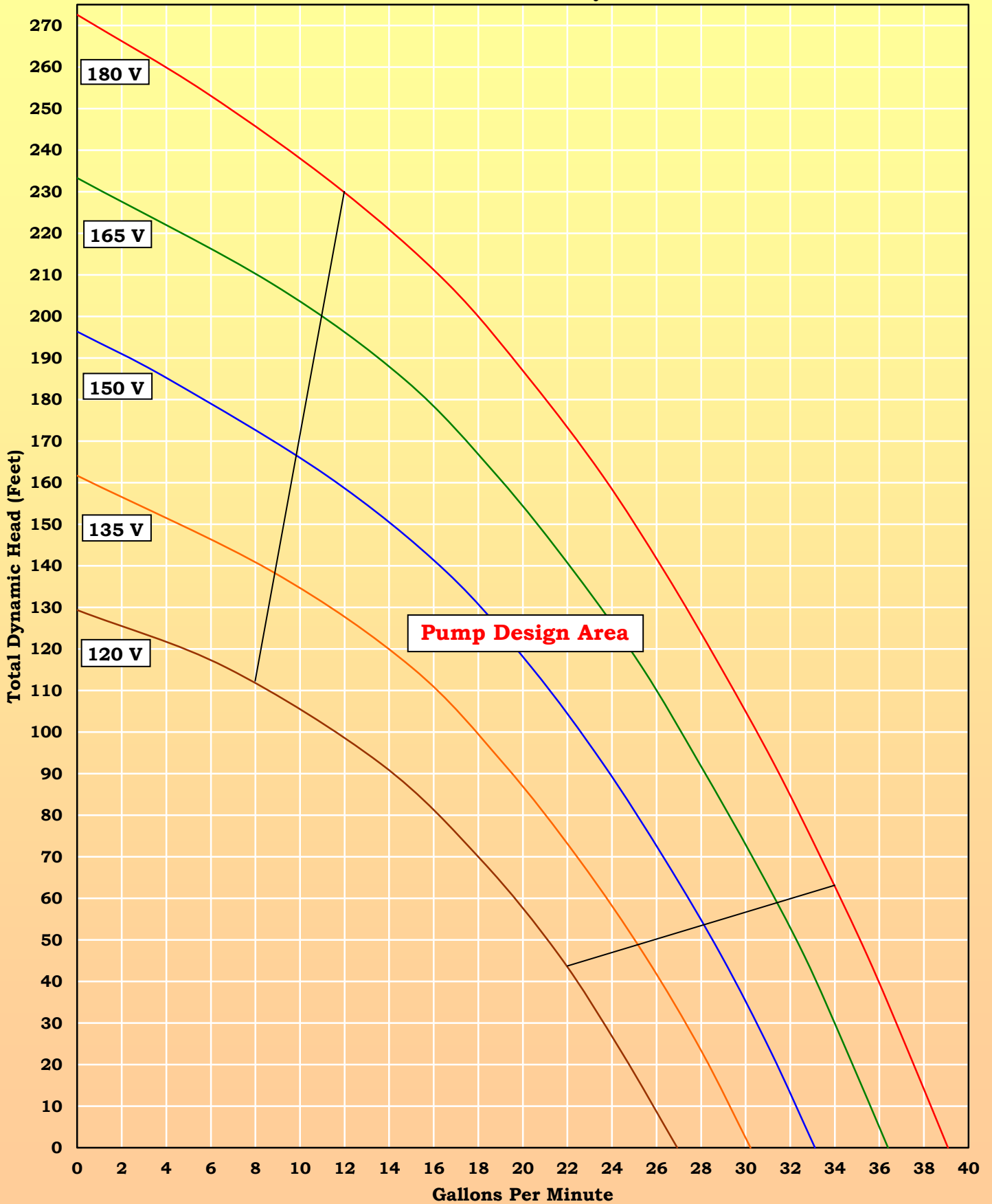


# Multi-Stage Centrifugal Booster Pump Model SCB 22-175-180 BL

180 Volt Panel Direct System



# Multi-Stage Centrifugal Booster Pump

## Model SCB 22-175-180 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	4.6	26.9	101.9	557	696	0%
10	23	7.0	120	4.7	24.4	92.4	565	707	19%
20	46	14.1	120	4.8	21.6	81.9	571	714	33%
30	69	21.1	120	4.7	18.1	68.6	564	705	42%
40	92	28.2	120	4.5	13.6	51.6	534	668	44%
50	116	35.2	120	3.8	6.7	25.4	455	569	32%
56	129	39.4	120	3.0	0.0	0.0	361	452	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	5.6	30.2	114.4	749	937	0%
10	23	7.0	135	5.6	28.0	106.1	760	950	16%
20	46	14.1	135	5.7	25.5	96.4	770	962	29%
30	69	21.1	135	5.7	22.5	85.3	768	960	38%
40	92	28.2	135	5.6	19.1	72.4	753	942	44%
50	116	35.2	135	5.3	15.0	56.9	718	898	46%
60	139	42.3	135	4.7	8.8	33.2	629	786	36%
70	162	49.3	135	3.7	0.0	0.0	494	618	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	6.5	33.1	125.3	978	1223	0%
10	23	7.0	150	6.6	31.1	117.8	986	1232	14%
20	46	14.1	150	6.6	28.9	109.4	992	1239	25%
30	69	21.1	150	6.6	26.4	99.8	996	1245	35%
40	92	28.2	150	6.6	23.6	89.3	992	1239	41%
50	116	35.2	150	6.5	20.4	77.2	975	1219	46%
60	139	42.3	150	6.2	16.6	62.7	935	1168	46%
70	162	49.3	150	5.7	11.2	42.4	851	1063	40%
80	185	56.3	150	5.0	4.1	15.7	756	945	19%
85	196	59.9	150	4.3	0.0	0.0	638	797	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	7.7	36.4	137.7	1267	1584	0%
10	23	7.0	165	7.7	34.6	130.8	1277	1596	12%
20	46	14.1	165	7.9	32.6	123.5	1299	1623	22%
30	69	21.1	165	7.9	30.4	115.0	1310	1638	30%
40	92	28.2	165	7.9	27.9	105.7	1310	1638	37%
50	116	35.2	165	7.9	25.4	96.0	1310	1638	42%
60	139	42.3	165	7.8	22.3	84.4	1282	1603	45%
70	162	49.3	165	7.5	18.8	71.3	1242	1553	46%
80	185	56.3	165	7.1	14.7	55.6	1165	1456	44%
90	208	63.4	165	6.2	8.7	33.1	1026	1283	33%
101	233	71.1	165	4.9	0.0	0.0	815	1019	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	8.6	39.1	147.9	1544	1931	0%
10	23	7.0	180	8.7	37.3	141.2	1559	1949	10%
20	46	14.1	180	8.8	35.5	134.2	1577	1971	20%
30	69	21.1	180	8.9	33.4	126.5	1593	1991	27%
40	92	28.2	180	8.9	31.3	118.4	1595	1994	34%
50	116	35.2	180	8.9	28.9	109.3	1600	2000	39%
60	139	42.3	180	8.8	26.4	99.8	1582	1978	44%
70	162	49.3	180	8.7	23.6	89.3	1559	1949	46%
80	185	56.3	180	8.4	20.3	76.9	1516	1895	47%
90	208	63.4	180	8.0	16.6	62.9	1438	1798	45%
100	231	70.4	180	7.3	11.7	44.4	1319	1649	39%
110	254	77.5	180	6.8	5.7	21.6	1224	1530	22%
118	273	83.1	180	5.7	0.0	0.0	1017	1271	0%

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