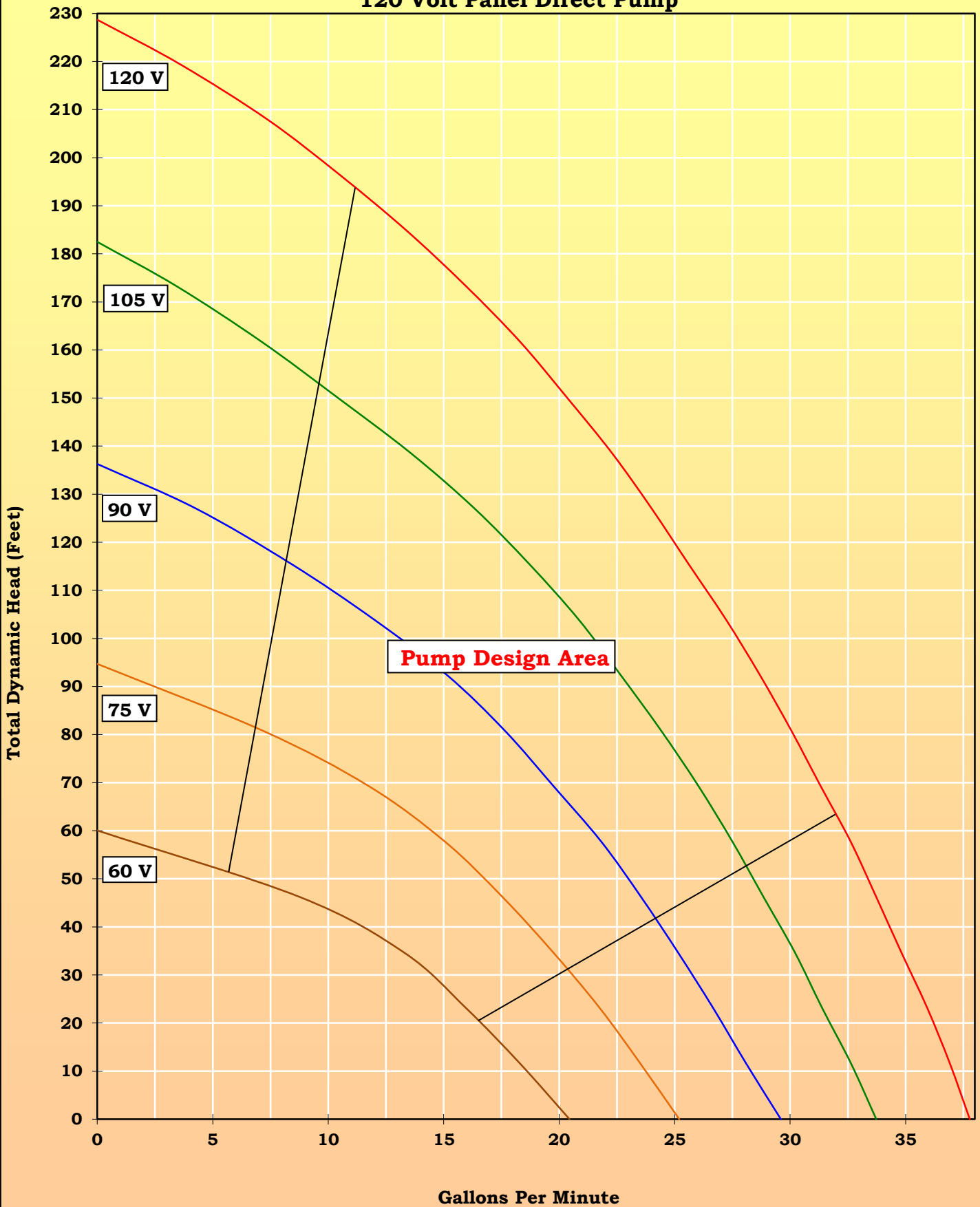


# Multi-Stage Centrifugal Booster Pump Model SCB 22-140-120BL

## 120 Volt Panel Direct Pump



# Multi-Stage Centrifugal Booster Pump

## Model SCB 22-140-120BL

120 Volt Panel Direct System

8 Stage

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	System Efficiency
0	0	0.0	60	3.8	20.5	77.4	225	281	0%
5	12	3.5	60	3.8	18.3	69.3	228	285	17%
10	23	7.0	60	3.8	16.0	60.4	230	287	30%
15	35	10.6	60	3.8	13.3	50.3	225	281	39%
20	46	14.1	60	3.5	8.8	33.2	207	259	37%
26	60	18.3	60	2.5	0.0	0.0	149	187	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	75	5.3	25.2	95.4	398	497	0%
5	12	3.5	75	5.4	23.5	89.0	401	502	13%
10	23	7.0	75	5.4	21.8	82.4	408	510	23%
15	35	10.6	75	5.5	19.8	74.8	409	511	32%
20	46	14.1	75	5.4	17.6	66.4	405	506	38%
25	58	17.6	75	5.2	15.1	57.0	392	490	42%
30	69	21.1	75	5.0	11.8	44.5	373	466	41%
35	81	24.6	75	4.4	7.2	27.1	329	411	33%
41	95	28.9	75	3.4	0.0	0.0	257	322	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	90	6.9	29.6	112.0	622	777	0%
5	12	3.5	90	7.0	28.1	106.4	626	782	10%
10	23	7.0	90	7.0	26.7	100.9	634	792	18%
15	35	10.6	90	7.1	25.2	95.2	639	799	26%
20	46	14.1	90	7.1	23.6	89.1	641	801	32%
25	58	17.6	90	7.1	21.8	82.6	639	799	37%
30	69	21.1	90	7.0	19.8	74.8	629	786	41%
35	81	24.6	90	6.9	17.6	66.8	619	774	43%
40	92	28.2	90	6.7	15.1	57.3	603	754	44%
45	104	31.7	90	6.3	12.0	45.3	566	708	41%
50	116	35.2	90	5.8	8.4	31.8	519	649	35%
55	127	38.7	90	5.4	4.3	16.1	483	604	21%
59	136	41.6	90	4.6	0.0	0.0	417	521	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	105	8.8	33.7	127.7	926	1158	0%
5	12	3.5	105	8.9	32.6	123.5	930	1163	8%
10	23	7.0	105	8.9	31.4	118.8	939	1173	15%
15	35	10.6	105	9.0	30.2	114.3	944	1180	21%
20	46	14.1	105	9.0	28.9	109.2	947	1184	27%
25	58	17.6	105	9.0	27.5	104.1	947	1184	32%
30	69	21.1	105	9.0	26.0	98.5	946	1183	36%
35	81	24.6	105	9.0	24.4	92.4	945	1181	39%
40	92	28.2	105	8.9	22.7	85.8	935	1168	42%
45	104	31.7	105	8.8	20.8	78.9	921	1151	44%
50	116	35.2	105	8.6	18.7	70.8	901	1126	45%
55	127	38.7	105	8.4	16.3	61.8	878	1097	45%
60	139	42.3	105	7.9	13.6	51.3	834	1042	42%
65	150	45.8	105	7.5	10.4	39.3	782	978	38%
70	162	49.3	105	7.0	7.1	26.9	738	923	29%
75	173	52.8	105	6.5	3.4	13.0	683	853	16%
79	182	55.6	105	5.9	0.0	0.0	618	773	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	120	10.7	37.8	143.0	1284	1605	0%
5	12	3.5	120	10.8	36.9	139.7	1294	1617	6%
10	23	7.0	120	10.9	35.9	136.0	1306	1632	12%
15	35	10.6	120	11.0	34.8	131.8	1318	1647	17%
20	46	14.1	120	11.1	33.7	127.7	1326	1658	22%
25	58	17.6	120	11.1	32.6	123.5	1330	1662	27%
30	69	21.1	120	11.1	31.3	118.5	1333	1667	31%
35	81	24.6	120	11.1	30.1	113.7	1332	1665	34%
40	92	28.2	120	11.1	28.7	108.6	1328	1661	38%
45	104	31.7	120	11.0	27.2	103.0	1322	1653	40%
50	116	35.2	120	10.9	25.6	96.9	1307	1634	43%
55	127	38.7	120	10.8	24.0	90.8	1297	1622	44%
60	139	42.3	120	10.7	22.3	84.3	1279	1599	45%
65	150	45.8	120	10.4	20.3	76.9	1253	1566	46%
70	162	49.3	120	10.3	18.3	69.3	1232	1541	45%
75	173	52.8	120	9.8	16.0	60.4	1176	1470	44%
80	185	56.3	120	9.3	13.4	50.7	1116	1395	42%
85	196	59.9	120	8.8	10.5	39.8	1060	1325	37%
90	208	63.4	120	8.5	7.4	27.9	1020	1275	28%
95	219	66.9	120	8.0	3.6	13.6	958	1197	15%
99	229	69.7	120	7.1	0.0	0.0	852	1065	0%

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