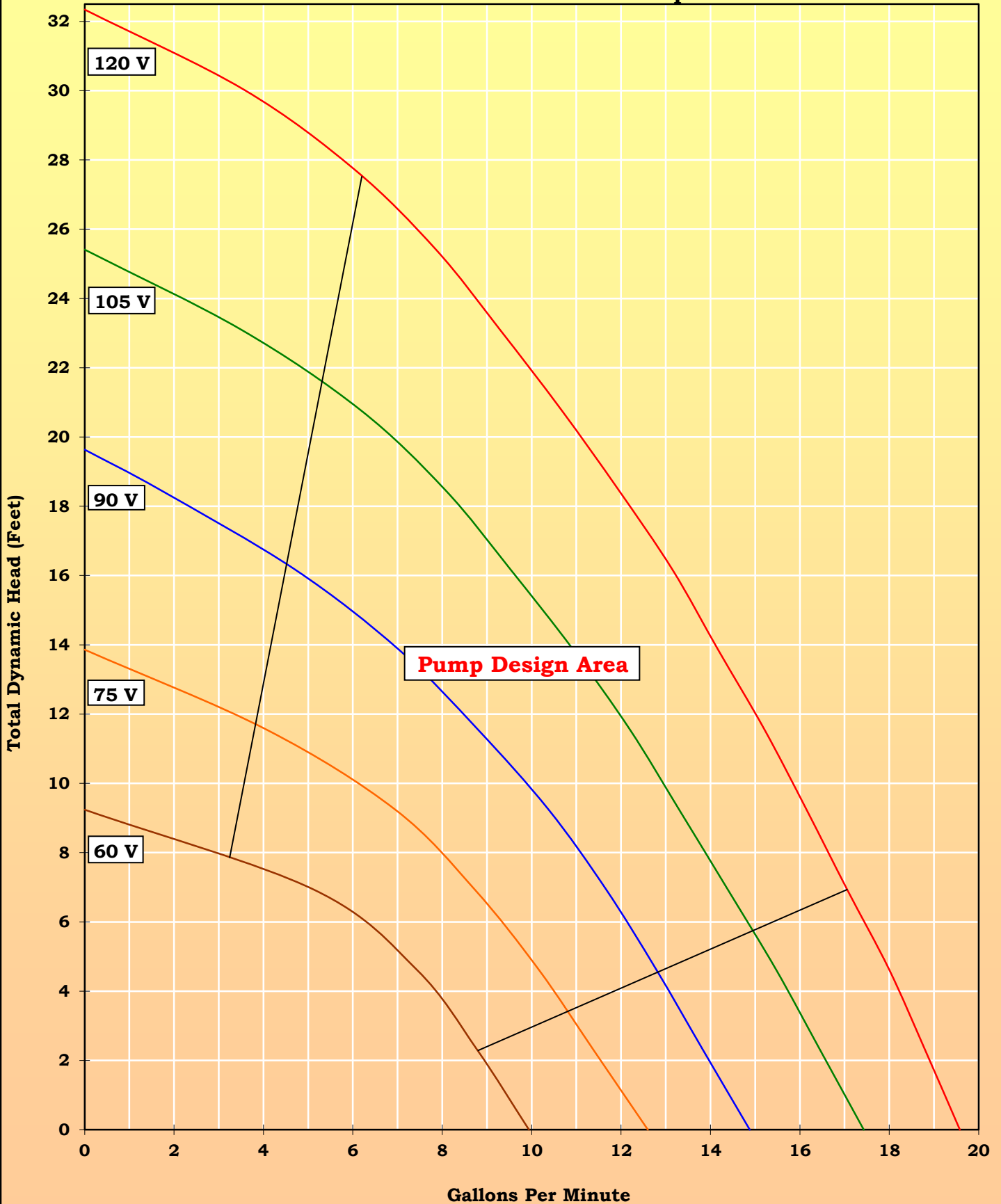


# Single-Stage Centrifugal Booster Pump Model SCB 10-22-120BL

## 120 Volt Panel Direct Pump



# Single-Stage Centrifugal Booster Pump

## Model SCB 10-22-120 BL

120 Volt Panel Direct System

1 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	0.9	9.94	37.6	52	65	0%
1	2	0.7	60	0.9	8.78	33.2	52	65	7%
2	5	1.4	60	0.9	7.43	28.1	53	66	12%
3	7	2.1	60	0.9	5.13	19.4	52	65	13%
4	9	2.8	60	0.8	0.00	0.0	47	59	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	1.02	12.6	47.7	77	96	0%
1	2	0.7	75	1.04	11.4	43.1	78	98	6%
2	5	1.4	75	1.05	10.2	38.5	79	98	11%
3	7	2.1	75	1.05	8.7	33.0	79	98	14%
4	9	2.8	75	1.04	7.0	26.3	78	98	16%
5	12	3.5	75	1.01	4.1	15.4	76	95	12%
6	14	4.2	75	0.92	0.0	0.0	69	86	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	1.18	14.9	56.3	106	133	0%
1	2	0.7	90	1.20	13.8	52.3	108	135	6%
2	5	1.4	90	1.22	12.8	48.4	110	137	10%
3	7	2.1	90	1.23	11.7	44.2	111	138	14%
4	9	2.8	90	1.23	10.4	39.3	111	138	16%
5	12	3.5	90	1.23	8.8	33.3	111	138	17%
6	14	4.2	90	1.21	7.0	26.6	109	136	17%
7	16	4.9	90	1.18	4.7	17.8	106	133	14%
8	18	5.6	90	1.10	1.7	6.4	99	124	6%
9	20	6.0	90	1.06	0.0	0.0	95	119	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	1.40	17.4	66.0	147	184	0%
1	2	0.7	105	1.42	16.5	62.3	149	186	5%
2	5	1.4	105	1.43	15.5	58.6	150	188	9%
3	7	2.1	105	1.43	14.4	54.5	150	188	13%
4	9	2.8	105	1.44	13.3	50.3	151	189	15%
5	12	3.5	105	1.44	12.2	46.2	151	189	18%
6	14	4.2	105	1.44	10.9	41.4	151	189	19%
7	16	4.9	105	1.43	9.5	36.1	150	188	19%
8	18	5.6	105	1.42	8.1	30.5	149	186	19%
9	21	6.3	105	1.39	6.2	23.3	146	182	17%
10	23	7.0	105	1.32	3.5	13.2	139	173	11%
11	25	7.7	105	1.19	0.0	0.0	125	156	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	1.61	19.6	74.1	193	242	0%
1	2	0.7	120	1.63	18.8	71.2	196	245	4%
2	5	1.4	120	1.64	18.0	68.1	197	246	8%
3	7	2.1	120	1.66	17.1	64.6	199	249	11%
4	9	2.8	120	1.66	16.2	61.1	199	249	14%
5	12	3.5	120	1.67	15.2	57.6	200	251	17%
6	14	4.2	120	1.67	14.2	53.6	200	251	18%
7	16	4.9	120	1.67	13.2	49.8	200	251	20%
8	18	5.6	120	1.67	11.9	45.2	200	251	21%
9	21	6.3	120	1.66	10.7	40.3	199	249	21%
10	23	7.0	120	1.63	9.3	35.2	196	245	21%
11	25	7.7	120	1.60	7.9	29.8	192	240	20%
12	28	8.5	120	1.57	6.0	22.9	188	236	17%
13	30	9.2	120	1.49	3.6	13.5	179	224	11%
14	32	9.9	120	1.34	0.0	0.0	161	201	0%

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