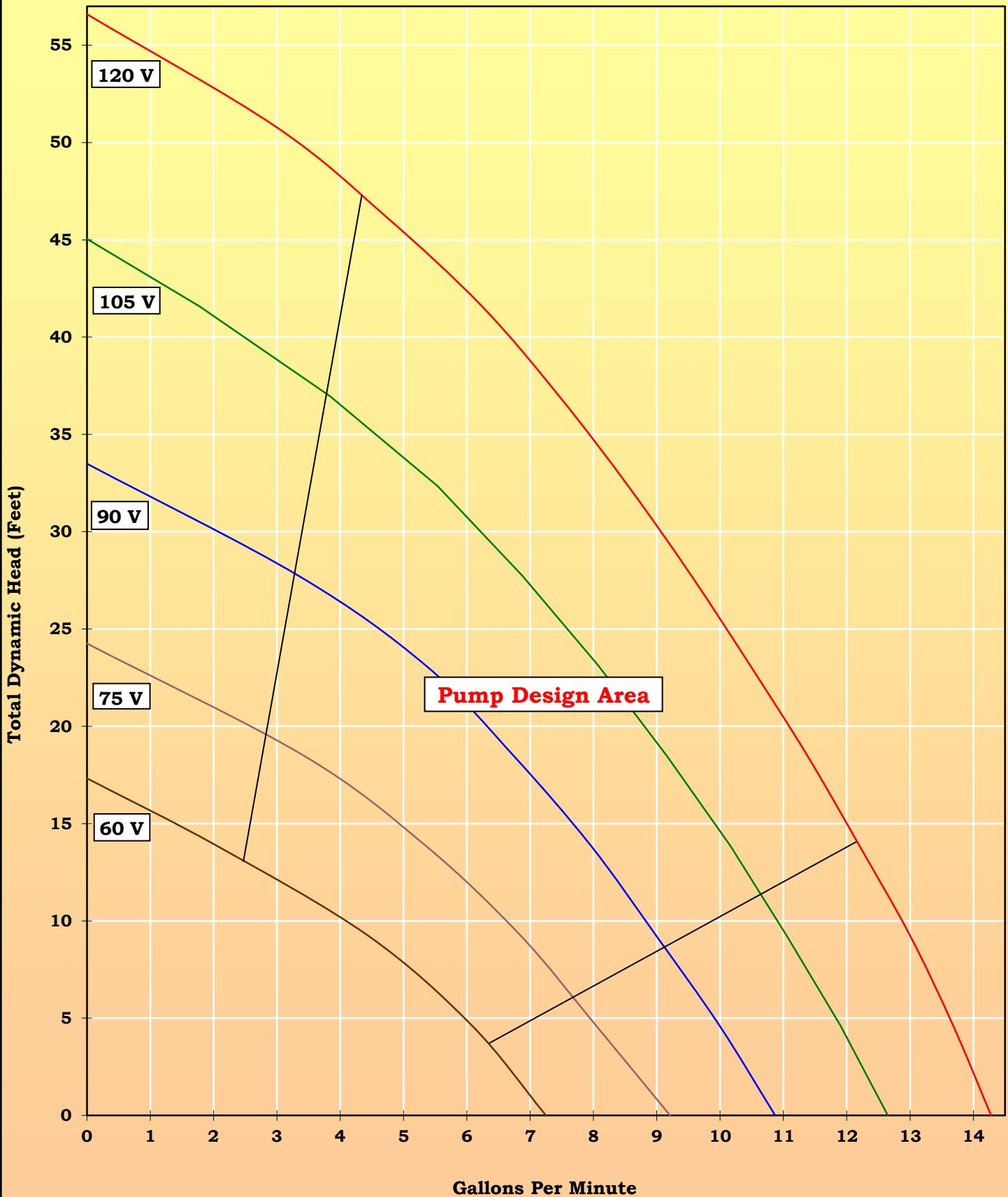


# Multi-Stage Centrifugal Booster Pump Model SCB 8-35-120BL

120 Volt Panel Direct Pump



# Multi-Stage Centrifugal Booster Pump

## Model SCB 8-35-120BL

120 Volt Panel Direct System

2 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	0.95	7.3	27.4	57	71	0%
2	5	1.4	60	0.96	6.1	23.0	58	72	9%
4	9	2.8	60	0.96	4.4	16.8	58	72	13%
6	14	4.2	60	0.94	2.1	7.8	56	71	9%
8	17	5.3	60	0.88	0.0	0.0	53	66	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	1.10	9.2	34.9	83	103	0%
2	5	1.4	75	1.13	8.0	30.4	85	106	8%
4	9	2.8	75	1.15	6.9	25.9	86	108	14%
6	14	4.2	75	1.15	5.4	20.2	86	108	16%
8	18	5.6	75	1.14	3.4	13.0	86	107	14%
10.5	24	7.4	75	1.03	0.0	0.0	77	97	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	1.32	10.9	41.1	119	149	0%
2	5	1.4	90	1.35	10.0	37.8	122	152	7%
4	9	2.8	90	1.38	9.0	34.0	124	155	13%
6	14	4.2	90	1.39	8.0	30.1	125	156	17%
8	18	5.6	90	1.40	6.7	25.5	126	158	19%
10	23	7.0	90	1.39	5.4	20.3	125	156	19%
12	28	8.5	90	1.35	3.4	12.7	122	152	14%
14.5	33	10.2	90	1.21	0.0	0.0	109	136	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	1.54	12.7	47.9	162	202	0%
2	5	1.4	105	1.58	11.9	45.0	166	207	6%
4	9	2.8	105	1.61	11.1	41.8	169	211	11%
6	14	4.2	105	1.63	10.2	38.5	171	214	15%
8	18	5.6	105	1.64	9.2	34.7	172	215	19%
10	23	7.0	105	1.66	8.1	30.6	174	218	20%
12	28	8.5	105	1.66	6.9	26.0	174	218	21%
14	32	9.9	105	1.64	5.5	21.0	172	215	20%
16	37	11.3	105	1.60	3.8	14.5	168	210	16%
18	42	12.7	105	1.51	1.8	6.7	159	198	9%
19.5	45	13.7	105	1.41	0.0	0.0	148	185	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	1.82	14.3	54.0	218	273	0%
2	5	1.4	120	1.85	13.7	51.8	222	278	5%
4	9	2.8	120	1.87	13.0	49.2	224	281	10%
6	14	4.2	120	1.90	12.2	46.2	228	285	14%
8	18	5.6	120	1.91	11.4	43.1	229	287	17%
10	23	7.0	120	1.94	10.5	39.7	233	291	20%
12	28	8.5	120	1.94	9.6	36.1	233	291	21%
14	32	9.9	120	1.95	8.6	32.4	234	293	22%
16	37	11.3	120	1.94	7.5	28.2	233	291	22%
18	42	12.7	120	1.92	6.2	23.6	230	288	21%
20	46	14.1	120	1.87	4.7	17.9	224	281	18%
22	51	15.5	120	1.79	3.0	11.3	215	269	13%
24.5	57	17.3	120	1.61	0.0	0.0	193	242	0%

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