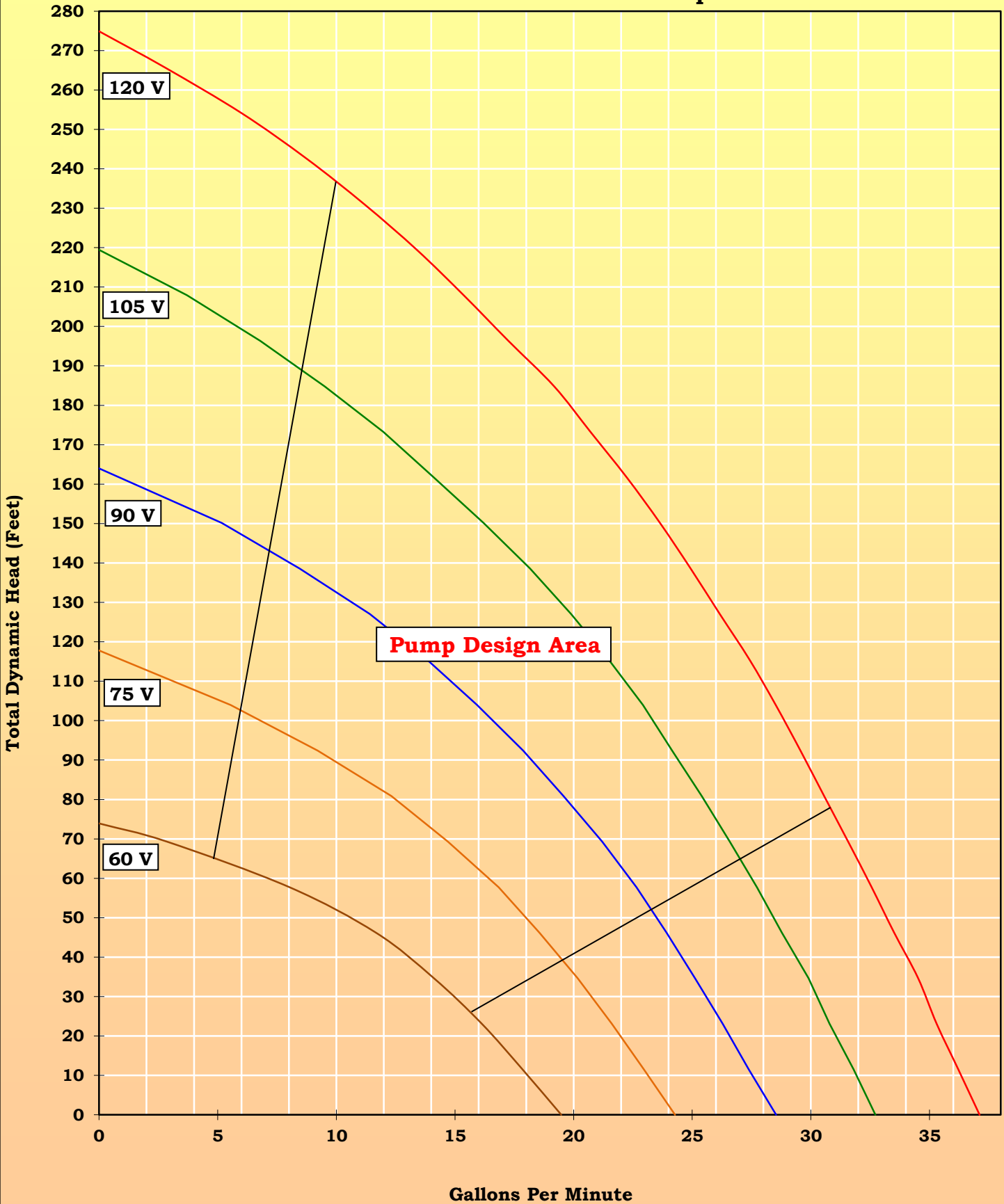


Multi-Stage Centrifugal Booster Pump Model SCB 22-165-120BL

120 Volt Panel Direct Pump



Multi-Stage Centrifugal Booster Pump Model SCB 22-165-120BL

120 Volt Panel Direct System

10 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	4.4	19.5	73.7	262	327	0%
5	12	3.5	60	4.5	17.8	67.5	267	334	15%
10	23	7.0	60	4.5	16.1	61.1	269	337	26%
15	35	10.6	60	4.5	14.1	53.4	268	335	34%
20	46	14.1	60	4.3	11.7	44.2	259	324	39%
25	58	17.6	60	4.0	8.0	30.4	239	299	36%
30	69	21.1	60	3.5	2.9	10.8	207	259	18%
32	74	22.5	60	2.9	0.0	0.0	176	220	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	6.2	24.3	91.9	465	581	0%
5	12	3.5	75	6.3	23.0	86.9	470	587	11%
10	23	7.0	75	6.3	21.6	81.8	475	593	20%
15	35	10.6	75	6.4	20.2	76.3	478	597	28%
20	46	14.1	75	6.4	18.6	70.2	478	597	34%
25	58	17.6	75	6.3	16.8	63.7	473	592	39%
30	69	21.1	75	6.2	14.7	55.6	464	579	41%
35	81	24.6	75	5.9	12.3	46.6	446	557	42%
40	92	28.2	75	5.5	9.2	34.9	413	516	39%
45	104	31.7	75	5.0	5.5	21.0	376	470	29%
51	118	35.9	75	4.1	0.0	0.0	307	383	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	8.1	29	108.0	728	910	0%
5	12	3.5	90	8.1	27	103.6	732	915	8%
10	23	7.0	90	8.2	26	99.5	739	924	15%
15	35	10.6	90	8.3	25	95.1	744	930	22%
20	46	14.1	90	8.3	24	90.5	747	934	28%
25	58	17.6	90	8.3	23	85.7	747	934	33%
30	69	21.1	90	8.3	21	80.2	745	932	37%
35	81	24.6	90	8.2	20	74.1	739	924	40%
40	92	28.2	90	8.1	18	67.6	729	911	43%
45	104	31.7	90	7.9	16	60.3	711	889	44%
50	116	35.2	90	7.7	14	52.3	691	864	44%
55	127	38.7	90	7.3	11	43.2	654	818	42%
60	139	42.3	90	6.8	8	32.0	609	762	36%
65	150	45.8	90	6.4	5	19.6	577	721	25%
71	164	50.0	90	5.4	0	0.0	488	610	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	10.2	33	123.8	1074	1343	0%
5	12	3.5	105	10.3	32	120.4	1076	1345	6%
10	23	7.0	105	10.3	31	116.5	1080	1351	12%
15	35	10.6	105	10.4	30	113.2	1091	1364	18%
20	46	14.1	105	10.5	29	108.9	1099	1374	23%
25	58	17.6	105	10.5	28	105.0	1103	1378	27%
30	69	21.1	105	10.5	27	100.6	1104	1379	31%
35	81	24.6	105	10.5	25	96.1	1103	1378	35%
40	92	28.2	105	10.5	24	91.4	1099	1374	38%
45	104	31.7	105	10.4	23	86.8	1089	1361	41%
50	116	35.2	105	10.3	21	81.3	1084	1355	43%
55	127	38.7	105	10.1	20	75.3	1065	1331	45%
60	139	42.3	105	10.0	18	68.7	1050	1313	45%
65	150	45.8	105	9.7	16	61.3	1023	1278	45%
70	162	49.3	105	9.4	14	53.4	991	1239	43%
75	173	52.8	105	9.0	12	45.3	946	1183	41%
80	185	56.3	105	8.6	10	36.0	901	1126	37%
85	196	59.9	105	8.3	7	25.7	866	1083	29%
90	208	63.4	105	7.8	4	14.0	817	1021	18%
95	219	66.9	105	6.9	0	0.0	727	908	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	12.7	37.1	140.5	1519	1899	0%
5	12	3.5	120	12.7	36.2	137.1	1525	1907	5%
10	23	7.0	120	12.8	35.3	133.6	1534	1917	10%
15	35	10.6	120	12.8	34.5	130.7	1540	1925	15%
20	46	14.1	120	13.0	33.5	126.8	1554	1943	19%
25	58	17.6	120	13.0	32.6	123.2	1562	1953	23%
30	69	21.1	120	13.1	31.6	119.5	1566	1958	26%
35	81	24.6	120	13.1	30.6	115.7	1567	1959	30%
40	92	28.2	120	13.1	29.6	111.9	1567	1959	33%
45	104	31.7	120	13.1	28.5	107.9	1566	1958	36%
50	116	35.2	120	13.0	27.4	103.7	1562	1953	38%
55	127	38.7	120	12.9	26.2	99.0	1550	1938	40%
60	139	42.3	120	12.9	24.9	94.4	1543	1929	42%
65	150	45.8	120	12.7	23.6	89.5	1529	1911	44%
70	162	49.3	120	12.6	22.2	84.2	1513	1892	45%
75	173	52.8	120	12.4	20.7	78.4	1490	1863	45%
80	185	56.3	120	12.2	19.2	72.6	1464	1830	46%
85	196	59.9	120	11.9	17.3	65.3	1428	1785	45%
90	208	63.4	120	11.5	15.4	58.2	1384	1730	44%
95	219	66.9	120	11.0	13.4	50.7	1316	1646	42%
100	231	70.4	120	10.5	11.2	42.3	1261	1577	39%
105	243	73.9	120	10.1	8.8	33.1	1207	1509	33%
110	254	77.5	120	9.9	6.0	22.7	1183	1479	24%
115	266	81.0	120	9.2	2.8	10.6	1102	1377	13%
119	275	83.8	120	8.3	0.0	0.0	998	1248	0%

*Solar array watts using a 20% deration factor.