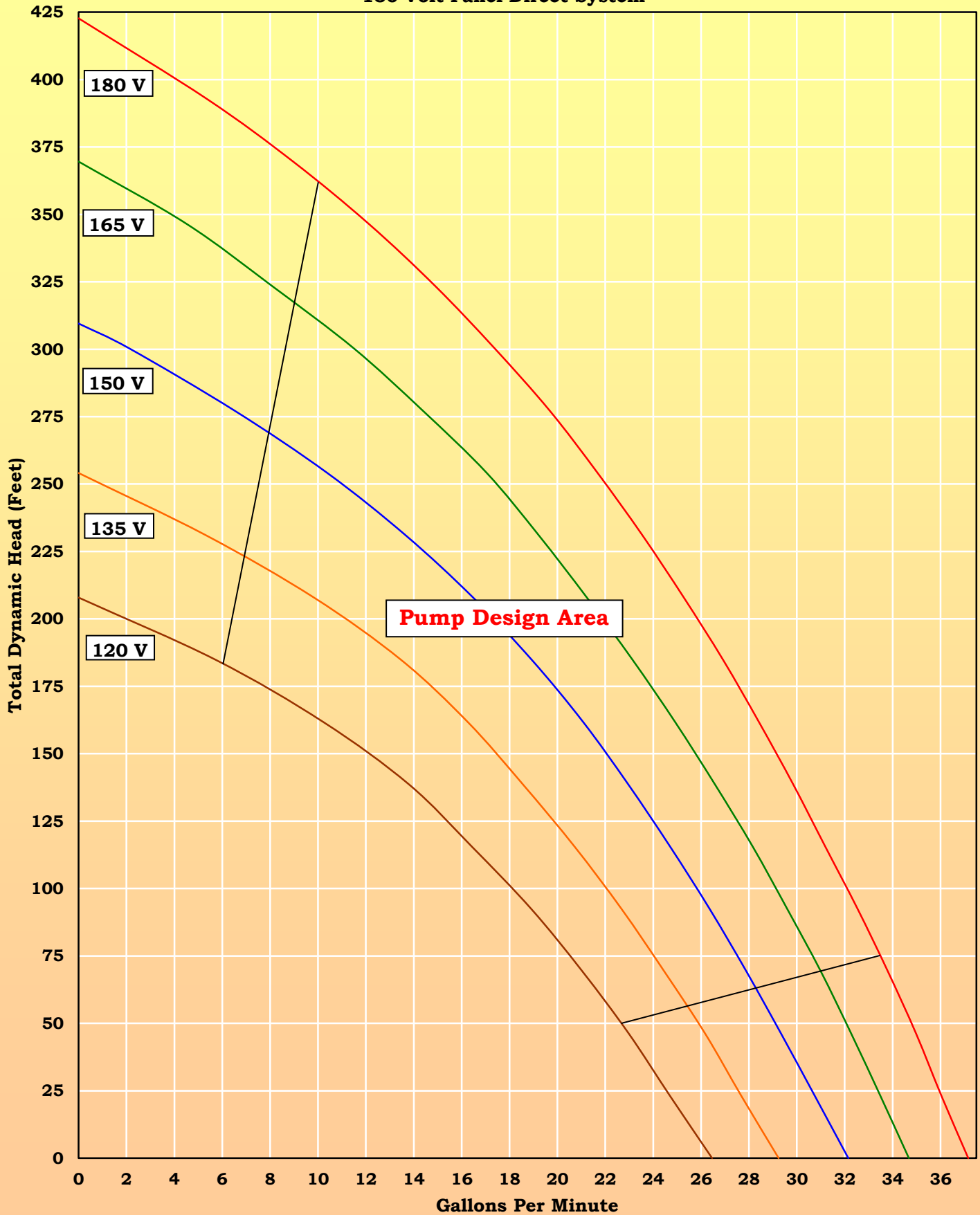


Multi-Stage Centrifugal Booster Pump Model SCB 22-250-180 BL

180 Volt Panel Direct System



Multi-Stage Centrifugal Booster Pump

Model SCB 22-250-180 BL

3 HP Brushless DC Motor

180 Volt Panel Direct System

15 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	6.7	26.5	100.2	804	1005	0%
10	23	7.0	120	6.8	24.7	93.5	811	1014	13%
20	46	14.1	120	6.9	23.0	87.0	823	1029	24%
30	69	21.1	120	6.9	21.0	79.6	829	1037	33%
40	92	28.2	120	6.9	18.9	71.6	828	1035	40%
50	116	35.2	120	6.8	16.4	62.2	815	1019	44%
60	139	42.3	120	6.6	13.8	52.2	793	992	45%
70	162	49.3	120	6.2	10.2	38.7	738	923	42%
80	185	56.3	120	5.5	5.7	21.7	655	819	30%
90	208	63.4	120	4.5	0.0	0.0	538	672	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	8.0	29.2	110.7	1080	1350	0%
10	23	7.0	135	8.1	27.7	104.8	1091	1364	11%
20	46	14.1	135	8.2	26.2	99.1	1104	1380	21%
30	69	21.1	135	8.2	24.5	92.6	1106	1382	29%
40	92	28.2	135	8.2	22.7	85.8	1107	1384	36%
50	116	35.2	135	8.2	20.7	78.4	1103	1379	41%
60	139	42.3	135	8.1	18.6	70.2	1098	1372	44%
70	162	49.3	135	8.0	16.3	61.5	1075	1343	46%
80	185	56.3	135	7.7	13.5	51.0	1035	1294	45%
90	208	63.4	135	7.0	9.8	37.2	949	1186	41%
100	231	70.4	135	6.5	5.3	20.1	878	1097	26%
110	254	77.5	135	5.4	0.0	0.0	728	910	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	9.5	32.2	121.7	1421	1776	0%
10	23	7.0	150	9.6	30.8	116.4	1434	1793	9%
20	46	14.1	150	9.6	29.3	111.1	1443	1804	18%
30	69	21.1	150	9.7	27.9	105.6	1460	1824	25%
40	92	28.2	150	9.8	26.4	99.8	1467	1834	31%
50	116	35.2	150	9.8	24.7	93.5	1466	1832	37%
60	139	42.3	150	9.7	23.0	86.9	1460	1824	41%
70	162	49.3	150	9.7	21.1	79.8	1451	1813	44%
80	185	56.3	150	9.5	18.9	71.7	1424	1779	46%
90	208	63.4	150	9.3	16.5	62.4	1397	1746	46%
100	231	70.4	150	8.9	13.7	51.7	1334	1667	45%
110	254	77.5	150	8.2	10.4	39.3	1230	1538	40%
120	277	84.5	150	7.6	6.5	24.7	1143	1429	30%
130	300	91.6	150	6.9	2.1	8.0	1029	1286	12%
134	310	94.4	150	6.3	0.0	0.0	948	1185	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	10.9	34.7	131.3	1803	2254	0%
10	23	7.0	165	11.0	33.5	126.8	1818	2273	8%
20	46	14.1	165	11.1	32.3	122.1	1833	2291	15%
30	69	21.1	165	11.2	31.0	117.3	1848	2310	22%
40	92	28.2	165	11.3	29.6	112.0	1865	2331	28%
50	116	35.2	165	11.3	28.2	106.6	1866	2333	33%
60	139	42.3	165	11.3	26.6	100.6	1865	2331	37%
70	162	49.3	165	11.3	24.9	94.3	1856	2320	41%
80	185	56.3	165	11.2	23.1	87.6	1843	2304	44%
90	208	63.4	165	11.1	21.2	80.4	1827	2283	46%
100	231	70.4	165	10.9	19.2	72.7	1799	2248	47%
110	254	77.5	165	10.7	17.1	64.5	1759	2199	46%
120	277	84.5	165	10.3	14.4	54.4	1701	2126	44%
130	300	91.6	165	9.7	11.5	43.5	1592	1990	41%
140	323	98.6	165	9.1	8.1	30.6	1502	1877	33%
150	347	105.6	165	8.7	4.5	17.1	1434	1792	21%
160	370	112.7	165	7.4	0.0	0.0	1223	1528	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	12.4	37.2	140.7	2227	2783	0%
10	23	7.0	180	12.4	36.0	136.4	2237	2797	7%
20	46	14.1	180	12.6	35.0	132.4	2259	2824	13%
30	69	21.1	180	12.7	33.8	127.9	2279	2849	19%
40	92	28.2	180	12.7	32.5	123.2	2293	2867	25%
50	116	35.2	180	12.8	31.2	118.1	2299	2873	30%
60	139	42.3	180	12.8	29.9	113.0	2304	2880	34%
70	162	49.3	180	12.8	28.4	107.6	2302	2878	38%
80	185	56.3	180	12.8	26.9	101.9	2297	2871	41%
90	208	63.4	180	12.7	25.3	95.7	2286	2858	43%
100	231	70.4	180	12.6	23.6	89.1	2261	2826	45%
110	254	77.5	180	12.4	21.7	82.1	2234	2792	46%
120	277	84.5	180	12.2	19.7	74.5	2201	2752	47%
130	300	91.6	180	11.9	17.4	65.8	2137	2671	46%
140	323	98.6	180	11.4	14.9	56.4	2056	2570	44%
150	347	105.6	180	10.7	12.1	45.9	1919	2399	41%
160	370	112.7	180	10.2	9.0	33.9	1829	2286	34%
170	393	119.7	180	9.7	5.4	20.4	1751	2189	23%
183	423	128.9	180	8.2	0.0	0.0	1480	1850	0%

* Solar array watts using a 20% deration factor.