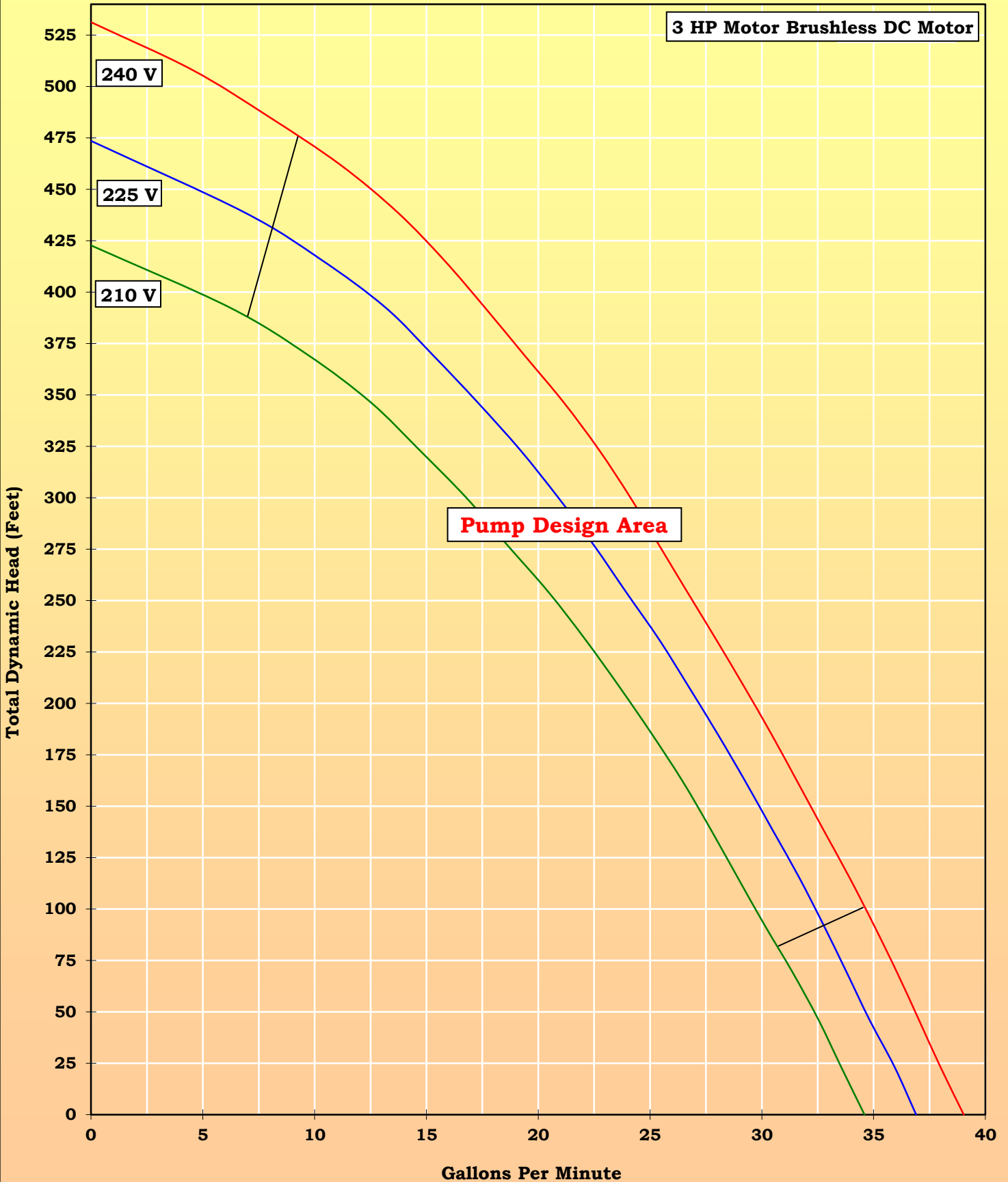


# Multi-Stage Centrifugal Booster Pump Model SCB 21-350-240 BL

240 Volt Panel Direct System

3 HP Motor Brushless DC Motor



# Multi-Stage Centrifugal Booster Pump

## Model SCB 21-350-240 BL

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts *	System Efficiency
0	0	0.0	210	10.2	34.6	130.9	2138	2672	0%
10	23	7.0	210	10.2	33.6	127.0	2144	2680	7%
20	46	14.1	210	10.3	32.5	123.1	2153	2691	13%
30	69	21.1	210	10.3	31.4	118.7	2161	2701	19%
40	92	28.2	210	10.4	30.1	114.0	2174	2717	24%
50	116	35.2	210	10.4	28.9	109.4	2174	2717	29%
60	139	42.3	210	10.3	27.7	104.9	2165	2706	33%
70	162	49.3	210	10.3	26.5	100.2	2153	2691	37%
80	185	56.3	210	10.2	25.1	95.0	2142	2678	41%
90	208	63.4	210	10.2	23.6	89.5	2132	2664	43%
100	231	70.4	210	10.0	22.1	83.7	2108	2636	46%
110	254	77.5	210	9.9	20.5	77.4	2085	2607	47%
120	277	84.5	210	9.8	18.6	70.4	2054	2567	47%
130	300	91.6	210	9.5	16.8	63.4	2003	2504	47%
140	323	98.6	210	9.2	14.7	55.5	1932	2415	46%
150	347	105.6	210	8.7	12.5	47.3	1833	2292	45%
160	370	112.7	210	8.2	9.7	36.6	1728	2160	39%
170	393	119.7	210	7.8	6.2	23.4	1630	2037	28%
183	423	128.9	210	6.9	0.0	0.0	1445	1806	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	225	11.5	36.9	139.7	2585	3232	0%
10	23	7.0	225	11.5	35.9	136.0	2590	3237	6%
20	46	14.1	225	11.5	34.8	131.8	2590	3237	12%
30	69	21.1	225	11.5	33.8	127.9	2590	3237	17%
40	92	28.2	225	11.5	32.8	124.0	2588	3234	22%
50	116	35.2	225	11.5	31.7	119.8	2592	3240	27%
60	139	42.3	225	11.5	30.5	115.3	2585	3232	31%
70	162	49.3	225	11.5	29.3	110.8	2583	3229	35%
80	185	56.3	225	11.5	28.0	106.1	2581	3226	38%
90	208	63.4	225	11.4	26.7	101.2	2574	3218	41%
100	231	70.4	225	11.4	25.4	96.2	2563	3203	43%
110	254	77.5	225	11.4	23.9	90.6	2554	3192	45%
120	277	84.5	225	11.2	22.5	85.0	2525	3156	46%
130	300	91.6	225	11.1	20.9	79.0	2489	3111	47%
140	323	98.6	225	10.8	19.2	72.6	2423	3029	48%
150	347	105.6	225	10.6	17.3	65.4	2378	2973	47%
160	370	112.7	225	10.2	15.3	57.8	2284	2855	47%
170	393	119.7	225	12.1	13.2	49.8	2725	3406	36%
180	416	126.8	225	9.2	10.3	38.9	2075	2593	39%
190	439	133.8	225	8.7	6.8	25.9	1951	2438	29%
205	474	144.4	225	7.4	0.0	0.0	1663	2078	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	240	12.2	39.0	147.7	2921	3651	0%
10	23	7.0	240	12.2	38.0	143.8	2935	3669	6%
20	46	14.1	240	12.3	37.0	140.1	2954	3693	11%
30	69	21.1	240	12.4	36.0	136.4	2966	3708	16%
40	92	28.2	240	12.4	35.0	132.5	2971	3714	21%
50	116	35.2	240	12.4	33.9	128.3	2976	3720	25%
60	139	42.3	240	12.4	32.8	124.0	2976	3720	29%
70	162	49.3	240	12.4	31.6	119.6	2971	3714	32%
80	185	56.3	240	12.4	30.4	115.2	2966	3708	36%
90	208	63.4	240	12.3	29.2	110.6	2957	3696	39%
100	231	70.4	240	12.4	28.0	105.8	2971	3714	41%
110	254	77.5	240	12.3	26.7	100.9	2959	3699	43%
120	277	84.5	240	12.3	25.4	96.1	2945	3681	45%
130	300	91.6	240	12.2	24.1	91.3	2916	3645	47%
140	323	98.6	240	12.1	22.7	86.0	2894	3618	48%
150	347	105.6	240	11.9	21.1	80.0	2849	3561	48%
160	370	112.7	240	11.7	19.4	73.3	2798	3498	48%
170	393	119.7	240	11.4	17.6	66.6	2731	3414	48%
180	416	126.8	240	11.0	15.8	59.7	2640	3300	47%
190	439	133.8	240	10.5	13.7	51.9	2510	3138	45%
200	462	140.9	240	10.2	11.1	42.2	2441	3051	40%
210	485	147.9	240	9.8	8.0	30.2	2345	2931	31%
220	508	154.9	240	9.3	4.5	17.1	2230	2787	19%
230	531	162.0	240	8.3	0.0	0.0	2002	2502	0%

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