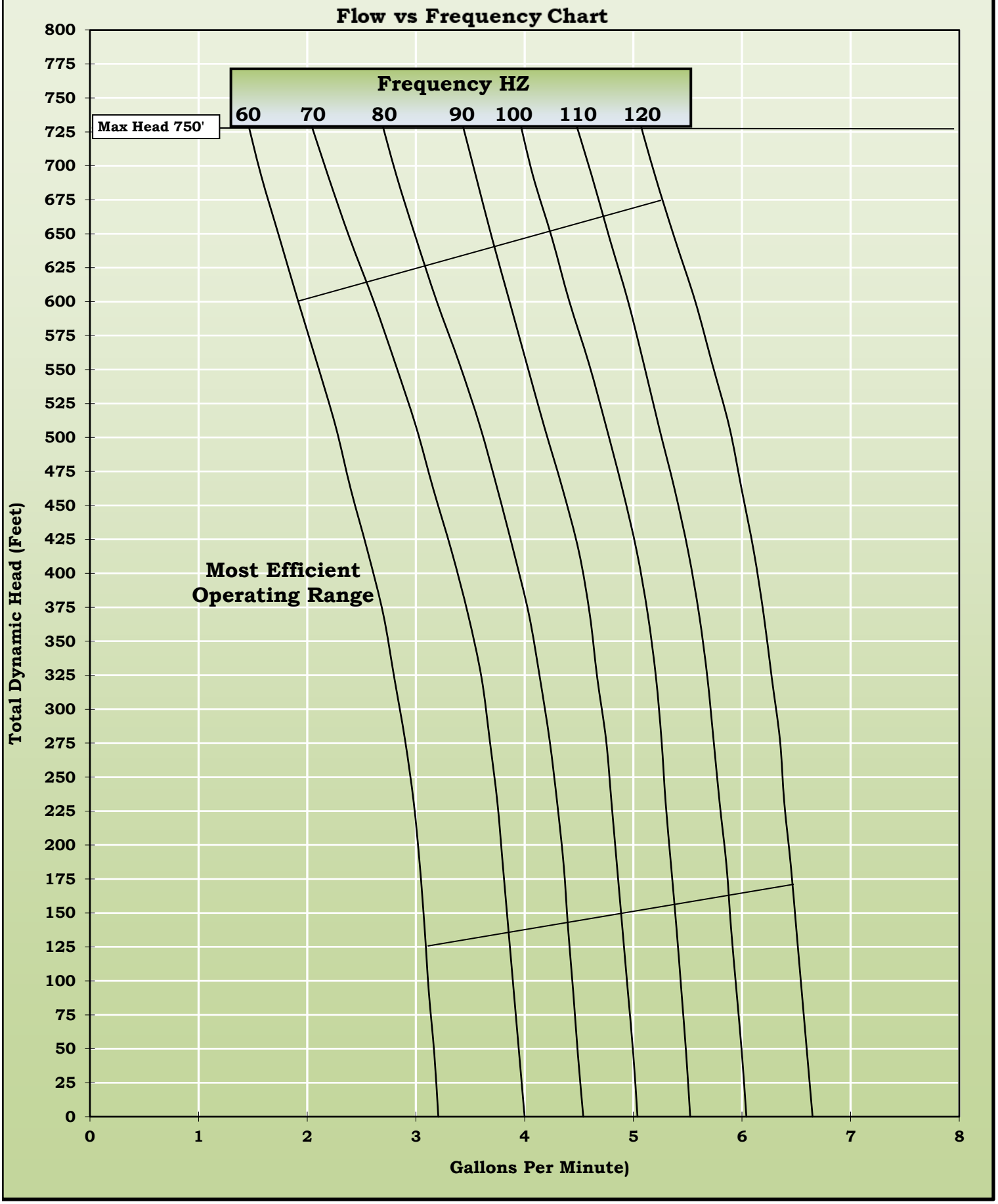
SunPumps Helical Rotor Submersible
Model HR 5-750 AC/DC



SunPumps Helical Rotor Submersible
Model HR 5-750 AC/DC

120 HZ

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Array *Watts	Pump Effic.
0	0	0.0	200	1.50	6.65	25.2	300	375	0%
20	46	14.1	200	1.72	6.60	25.0	344	430	17%
40	92	28.2	200	1.98	6.55	24.8	396	495	29%
60	139	42.3	200	2.28	6.50	24.6	456	570	37%
80	185	56.3	200	2.59	6.45	24.4	518	648	43%
100	231	70.4	200	2.88	6.39	24.2	576	720	48%
120	277	84.5	200	3.22	6.35	24.0	644	805	51%
140	323	98.6	200	3.55	6.27	23.7	710	888	54%
160	370	112.7	200	3.88	6.20	23.5	776	970	56%
180	416	126.8	200	4.22	6.11	23.1	844	1055	57%
200	462	140.9	200	4.56	6.00	22.7	912	1140	57%
220	508	154.9	200	4.92	5.88	22.3	984	1230	57%
240	554	169.0	200	5.31	5.73	21.7	1062	1328	56%
260	601	183.1	200	5.70	5.57	21.1	1140	1425	55%
280	647	197.2	200	6.09	5.38	20.4	1218	1523	54%
300	693	211.3	200	6.45	5.20	19.7	1290	1613	53%
320	739	225.4	200	6.82	5.04	19.1	1364	1705	51%
330	762	232.4	200	6.93	5.00	18.9	1386	1733	52%

* Array Watts using a 20% deration factor.

110 HZ

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Array *Watts	Pump Effic.
0	0	0.0	200	1.38	6.04	22.9	276	345	0%
20	46	14.1	200	1.61	6.00	22.7	322	403	16%
40	92	28.2	200	1.84	5.95	22.5	368	460	28%
60	139	42.3	200	2.05	5.90	22.3	410	513	38%
80	185	56.3	200	2.28	5.86	22.2	456	570	45%
100	231	70.4	200	2.57	5.80	21.9	514	643	49%
120	277	84.5	200	2.87	5.74	21.7	574	718	52%
140	323	98.6	200	3.15	5.68	21.5	630	788	55%
160	370	112.7	200	3.50	5.61	21.2	700	875	56%
180	416	126.8	200	3.83	5.51	20.8	766	958	56%
200	462	140.9	200	4.17	5.38	20.4	834	1043	56%
220	508	154.9	200	4.50	5.24	19.8	900	1125	56%
240	554	169.0	200	4.84	5.10	19.3	968	1210	55%
260	601	183.1	200	5.20	4.95	18.7	1040	1300	54%
280	647	197.2	200	5.55	4.78	18.1	1110	1388	52%
300	693	211.3	200	5.89	4.62	17.5	1178	1473	51%
320	739	225.4	200	6.24	4.44	16.8	1248	1560	50%
325	750	228.6	200	6.33	4.40	16.7	1266	1583	49%

* Array Watts using a 20% deration factor.

100 HZ

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Array *Watts	Pump Effic.
0	0	0.0	200	1.17	5.52	20.9	234	293	0%
20	46	14.1	200	1.37	5.49	20.8	274	343	17%
40	92	28.2	200	1.57	5.44	20.6	314	393	30%
60	139	42.3	200	1.79	5.40	20.4	358	448	39%
80	185	56.3	200	2.03	5.35	20.2	406	508	46%
100	231	70.4	200	2.30	5.30	20.1	460	575	50%
120	277	84.5	200	2.58	5.26	19.9	516	645	53%
140	323	98.6	200	2.85	5.21	19.7	570	713	56%
160	370	112.7	200	3.15	5.13	19.4	630	788	57%
180	416	126.8	200	3.46	5.03	19.0	692	865	57%
200	462	140.9	200	3.75	4.90	18.5	750	938	57%
220	508	154.9	200	4.05	4.75	18.0	810	1013	56%
240	554	169.0	200	4.38	4.59	17.4	876	1095	55%
260	601	183.1	200	4.70	4.41	16.7	940	1175	53%
280	647	197.2	200	5.02	4.25	16.1	1004	1255	52%
300	693	211.3	200	5.32	4.08	15.4	1064	1330	50%
320	739	225.4	200	5.68	3.94	14.9	1136	1420	48%
325	750	228.6	200	5.76	3.90	14.8	1152	1440	48%

* Array Watts using a 20% deration factor.

90 HZ

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Array *Watts	Pump Effic.
0	0	0.0	200	1.01	5.04	19.1	202	253	0%
20	46	14.1	200	1.15	5.00	18.9	230	288	19%
40	92	28.2	200	1.35	4.95	18.7	270	338	32%
60	139	42.3	200	1.56	4.90	18.5	312	390	41%
80	185	56.3	200	1.78	4.85	18.4	356	445	47%
100	231	70.4	200	2.01	4.80	18.2	402	503	52%
120	277	84.5	200	2.27	4.75	18.0	454	568	55%
140	323	98.6	200	2.52	4.67	17.7	504	630	56%
160	370	112.7	200	2.79	4.60	17.4	558	698	57%
180	416	126.8	200	3.08	4.50	17.0	616	770	57%
200	462	140.9	200	3.37	4.35	16.5	674	843	56%
220	508	154.9	200	3.65	4.18	15.8	730	913	55%
240	554	169.0	200	3.94	4.02	15.2	788	985	53%
260	601	183.1	200	4.23	3.86	14.6	846	1058	52%
280	647	197.2	200	4.52	3.70	14.0	904	1130	50%
300	693	211.3	200	4.82	3.55	13.4	964	1205	48%
320	739	225.4	200	5.14	3.40	12.9	1028	1285	46%
325	750	228.6	200	5.21	3.36	12.7	1042	1303	46%

* Array Watts using a 20% deration factor.

80 HZ

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Array *Watts	Pump Effic.
0	0	0.0	200	0.91	4.54	17.2	182	228	0%
20	46	14.1	200	1.05	4.49	17.0	210	263	19%
40	92	28.2	200	1.20	4.45	16.8	240	300	32%
60	139	42.3	200	1.37	4.40	16.7	274	343	42%
80	185	56.3	200	1.56	4.36	16.5	312	390	49%
100	231	70.4	200	1.77	4.30	16.3	354	443	53%
120	277	84.5	200	2.00	4.23	16.0	400	500	55%
140	323	98.6	200	2.23	4.14	15.7	446	558	57%
160	370	112.7	200	2.48	4.04	15.3	496	620	57%
180	416	126.8	200	2.73	3.90	14.8	546	683	56%
200	462	140.9	200	2.98	3.75	14.2	596	745	55%
220	508	154.9	200	3.25	3.59	13.6	650	813	53%
240	554	169.0	200	3.51	3.40	12.9	702	878	51%
260	601	183.1	200	3.78	3.19	12.1	756	945	48%
280	647	197.2	200	4.05	3.00	11.4	810	1013	45%
300	693	211.3	200	4.37	2.82	10.7	874	1093	42%
320	739	225.4	200	4.57	2.66	10.1	914	1143	41%
325	750	228.6	200	4.68	2.61	9.9	936	1170	39%

* Array Watts using a 20% deration factor.

70 HZ

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Array *Watts	Pump Effic.
0	0	0.0	200	0.83	4.00	15.1	166	208	0%
20	46	14.1	200	0.98	3.95	15.0	196	245	18%
40	92	28.2	200	1.10	3.90	14.8	220	275	31%
60	139	42.3	200	1.25	3.85	14.6	250	313	40%
80	185	56.3	200	1.42	3.80	14.4	284	355	47%
100	231	70.4	200	1.61	3.75	14.2	322	403	51%
120	277	84.5	200	1.80	3.68	13.9	360	450	53%
140	323	98.6	200	2.02	3.60	13.6	404	505	54%
160	370	112.7	200	2.22	3.48	13.2	444	555	55%
180	416	126.8	200	2.45	3.33	12.6	490	613	53%
200	462	140.9	200	2.67	3.16	12.0	534	668	52%
220	508	154.9	200	2.91	3.00	11.4	582	728	49%
240	554	169.0	200	3.15	2.81	10.6	630	788	47%
260	601	183.1	200	3.41	2.61	9.9	682	853	43%
280	647	197.2	200	3.65	2.39	9.0	730	913	40%
300	693	211.3	200	3.91	2.19	8.3	782	978	37%
320	739	225.4	200	4.16	2.00	7.6	832	1040	33%
325	750	228.6	200	4.22	1.95	7.4	844	1055	33%

* Array Watts using a 20% deration factor.