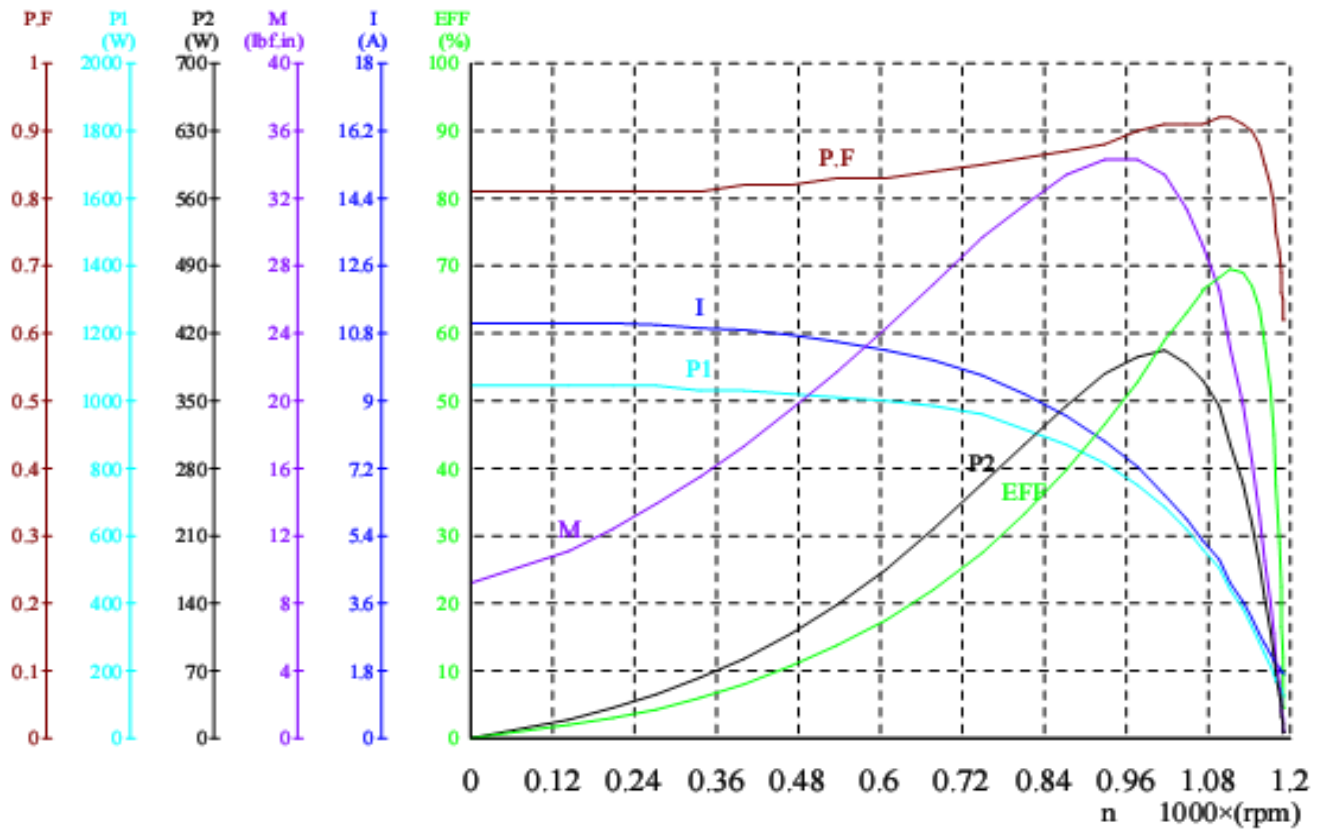


Model No.: 5C040N Curve at: 115 VAC

HP: 1/2 RPM: 1075/High Speed Volts: 115 Hertz: 60

Performance Curve:



Description	U	I	P1	M	n	P2	Eff	P.F
	(V)	(A)	(W)	(lb.f.in)	(rpm)	(W)	(%)	
No Load	115.8	1.681	121.4	0.389	1192	5.49	4.5	0.62
Rated	115.8	5.247	557.4	29.118	1074	369.9	66.3	0.91
Max_Eff	114.9	4.133	438.0	23.038	1114	303.6	69.3	0.92
Max_Pout	115.6	6.472	682.9	33.349	1018	401.6	58.8	0.91
Max Torque	115.4	7.911	811.5	34.252	929	376.4	46.3	0.88
Locked_Rotor	115.4	11.04	1042	9.133	0	0.00	0.0	0.81

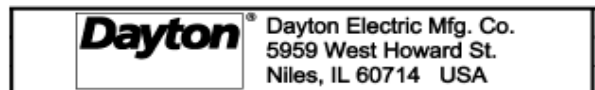
Full Load Torque: 29.1 Oz-Ft

Full Load Amps: 5.247 Amps

Breakdown Torque: 34.25/19.92 Oz-Ft

Locked Rotor Torque: 9.13/5.38 Oz-Ft

Locked Rotor Amps: 11.04/6.46 Amps



Model No.: 5C040N

Curve at: 115 VAC

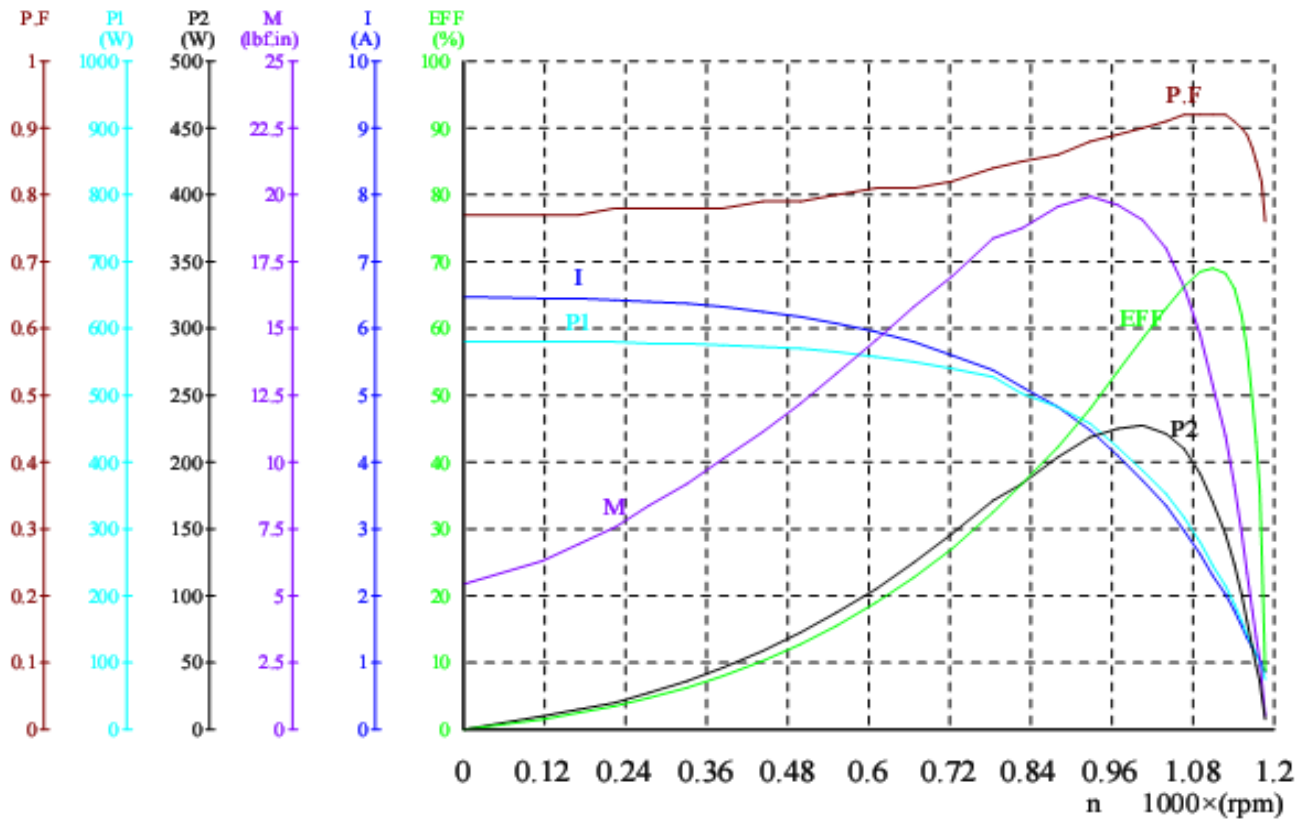
HP: 1/2

RPM: Low Speed

Volts: 115

Hertz: 60

Performance Curve:



Description	U	I	P1	M	n	P2	Eff	P.F
	(V)	(A)	(W)	(lbf.in)	(rpm)	(W)	(%)	
No Load	115.2	0.845	74.58	0.469	1189	6.59	8.8	0.76
Max_Eff	115.3	2.288	244.5	12.851	1111	168.8	69.0	0.92
Max_Pout	115.2	3.721	387.1	19.002	1007	226.3	58.4	0.90
Max_Torque	115.6	4.473	455.3	19.923	928	218.7	48.0	0.88
Locked_Rotor	115.1	6.461	578.5	5.381	0	0.00	0.0	0.77

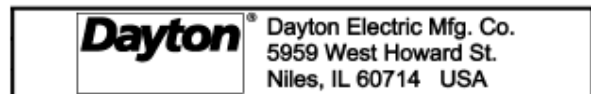
Full Load Torque: 29.1 Oz-Ft

Full Load Amps: 5.247 Amps

Breakdown Torque: 34.25/19.92 Oz-Ft

Locked Rotor Torque: 9.13/5.38 Oz-Ft

Locked Rotor Amps: 11.04/6.46 Amps



Model No.: 5C040N

Curve at: 115 VAC

HP: 1/2

RPM: 1075/High Speed

Volts: 115

Hertz: 60

Performance Data Summary:

Thermal Protector Trip Time: _____ seconds

NO:	U	I	PI	M	n	P2	EFF	P.F	f
	(V)	(A)	(W)	(lbf.in)	(rpm)	(W)	(%)		
1	115.8	1.681	121.4	0.389	1192	5.49	4.5	0.62	60.01
2	115.8	1.677	121.3	0.371	1191	5.23	4.3	0.62	60.01
3	115.7	1.721	129.7	1.106	1190	15.57	12.0	0.65	60.00
4	115.7	1.745	135.2	1.593	1189	22.40	16.5	0.66	60.00
5	115.6	1.787	143.3	2.274	1188	31.96	22.3	0.69	60.00
6	115.6	1.851	154.8	3.203	1184	44.87	28.9	0.72	60.00
7	115.6	1.942	169.4	4.540	1181	63.43	37.4	0.75	60.00
8	115.5	2.068	189.0	6.115	1177	85.15	45.0	0.79	60.00
9	115.4	2.248	214.9	8.071	1172	111.9	52.0	0.82	60.00
10	115.3	2.481	245.5	10.435	1164	143.6	58.5	0.85	60.00
11	115.1	2.788	284.0	13.240	1155	180.9	63.6	0.88	60.00
12	115.5	3.160	329.6	16.320	1145	221.0	67.0	0.90	60.00
13	115.3	3.621	381.8	19.719	1131	263.8	69.0	0.91	60.01
14	114.9	4.133	438.0	23.038	1114	303.6	69.3	0.92	60.01
15	115.7	4.726	504.9	26.561	1096	344.3	68.1	0.92	60.00
16	115.8	5.247	557.4	29.118	1074	369.9	66.3	0.91	60.00
17	115.8	5.258	558.8	29.172	1072	369.9	66.1	0.91	60.01
18	115.5	5.824	618.3	31.322	1048	388.3	62.8	0.91	60.01
19	115.6	6.472	682.9	33.349	1018	401.6	58.8	0.91	60.00
20	115.4	7.201	749.7	34.217	977	395.4	52.7	0.90	60.00
21	115.4	7.911	811.5	34.252	929	376.4	46.3	0.88	60.01
22	115.4	8.568	867.8	33.331	874	344.6	39.7	0.87	60.01
23	115.4	9.156	914.5	31.579	812	303.3	33.1	0.86	60.00
24	115.9	9.646	956.2	29.605	751	263.0	27.5	0.85	60.00
25	115.6	10.04	980.8	26.835	679	215.5	21.9	0.84	60.00
26	115.4	10.32	997.8	24.224	609	174.5	17.4	0.83	60.01
27	115.2	10.55	1009	21.675	538	137.9	13.6	0.83	60.00
28	115.1	10.72	1018	19.436	471	108.2	10.6	0.82	60.00
29	115.1	10.85	1026	17.205	400	81.41	7.9	0.82	60.01
30	115.0	10.93	1030	15.418	336	61.28	5.9	0.81	60.00
31	115.4	11.02	1041	13.807	272	44.42	4.2	0.81	60.00
32	115.4	11.03	1041	12.364	208	30.42	2.9	0.81	60.00
33	115.4	11.05	1042	11.090	146	19.15	1.8	0.81	60.00
34	115.4	11.04	1042	9.133	0	0.00	0.0	0.81	60.00



Dayton Electric Mfg. Co.
5959 West Howard St.
Niles, IL 60714 USA

Model No.: 5C040N

Curve at: 115 VAC

HP: 1/2

RPM: Low Speed

Volts: 115

Hertz: 60

Performance Data Summary:

Thermal Protector Trip Time: _____ seconds

NO:	U	I	PI	M	n	P2	EFF	P.F	f
	(V)	(A)	(W)	(lbf.in)	(rpm)	(W)	(%)		
1	115.2	0.845	74.58	0.469	1189	6.59	8.8	0.76	60.01
2	115.2	0.846	74.56	0.460	1189	6.47	8.6	0.76	60.00
3	115.6	0.968	92.07	1.814	1182	25.36	27.5	0.82	60.01
4	115.9	1.029	99.85	2.549	1179	35.55	35.6	0.83	60.00
5	115.9	1.111	110.5	3.407	1175	47.36	42.8	0.85	60.00
6	115.8	1.221	124.3	4.416	1169	61.07	49.1	0.87	60.00
7	115.8	1.361	141.3	5.868	1162	80.66	57.0	0.89	60.00
8	115.7	1.539	161.8	7.354	1154	100.4	62.0	0.90	60.01
9	115.6	1.751	186.0	9.080	1142	122.6	65.9	0.91	60.00
10	115.4	2.002	213.9	10.948	1128	146.0	68.2	0.92	60.00
11	115.3	2.288	244.5	12.851	1111	168.8	69.0	0.92	60.00
12	115.1	2.612	278.2	14.745	1091	190.3	68.4	0.92	60.01
13	115.7	2.960	315.5	16.533	1069	209.0	66.2	0.92	60.00
14	115.4	3.335	351.4	17.975	1040	221.1	62.9	0.91	60.01
15	115.2	3.721	387.1	19.002	1007	226.3	58.4	0.90	60.00
16	115.0	4.100	420.7	19.569	969	224.3	53.3	0.89	60.00
17	115.6	4.473	455.3	19.923	928	218.7	48.0	0.88	60.00
18	115.3	4.809	480.6	19.515	880	203.1	42.2	0.86	60.00
19	115.1	5.105	501.2	18.728	829	183.6	36.6	0.85	60.00
20	116.1	5.368	526.4	18.374	785	170.6	32.4	0.84	60.00
21	115.8	5.600	537.9	16.931	725	145.2	26.9	0.82	60.00
22	115.6	5.784	548.1	15.789	668	124.7	22.7	0.81	60.00
23	115.5	5.935	556.3	14.506	612	105.0	18.8	0.81	60.00
24	115.3	6.062	562.6	13.267	554	86.94	15.4	0.80	60.00
25	115.3	6.163	567.6	12.134	499	71.62	12.6	0.79	60.00
26	115.2	6.246	571.3	11.081	443	58.07	10.1	0.79	60.00
27	115.2	6.313	574.9	10.089	386	46.07	8.0	0.78	60.00
28	115.1	6.363	575.8	9.169	331	35.90	6.2	0.78	60.00
29	115.1	6.400	576.9	8.337	277	27.31	4.7	0.78	60.00
30	115.1	6.425	577.7	7.523	224	19.93	3.4	0.78	60.00
31	115.1	6.440	577.9	6.877	171	13.91	2.4	0.77	60.00
32	115.1	6.447	578.1	6.301	119	8.87	1.5	0.77	60.00
33	115.1	6.461	578.5	5.381	0	0.00	0.0	0.77	60.00



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