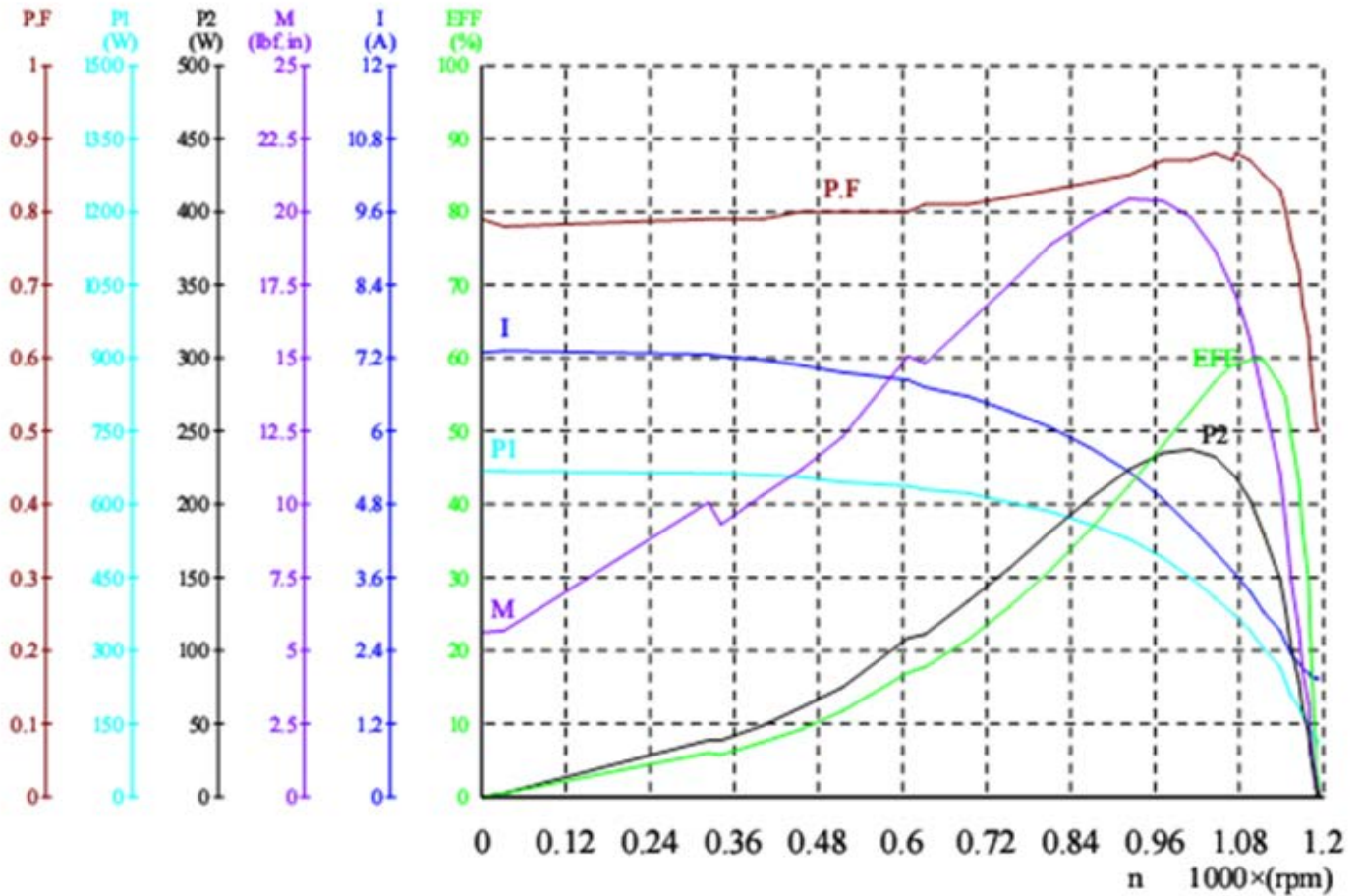


Model No.: 4C354N Curve at: 115 VAC  
 HP: 1/4 RPM: 1075/High Speed Volts: 115 Hertz: 60

Performance Curve:



Description	U (V)	I (A)	P1 (W)	M (lbf.in)	n (rpm)	P2 (W)	Eff (%)	P.F
No Load	115.1	1.904	110.9	0.1061	1192	1.49	1.3	0.50
Rated	115.9	3.631	370.6	17.135	1076	218.1	58.8	0.88
Max Eff	115.3	3.356	338.7	15.621	1096	202.5	59.7	0.87
Max Pout	115.1	4.432	449.1	19.772	1013	236.9	52.7	0.87
Max Torque	115.2	5.317	527.0	20.436	923	223.1	42.3	0.85
Locked Rotor	115.3	7.286	664.3	5.6025	0	0.00	0.0	0.79

Full Load Torque: 17.1/6.3 Oz-Ft

Full Load Amps: 3.6/2.4 Amps

Breakdown Torque: 20.43/7.47 Oz-Ft

Locked Rotor Torque: 5.6/2.06 Oz-Ft

Locked Rotor Amps: 7.28/2.85 Amps



Model No.: 4C354N

Curve at: 115 VAC

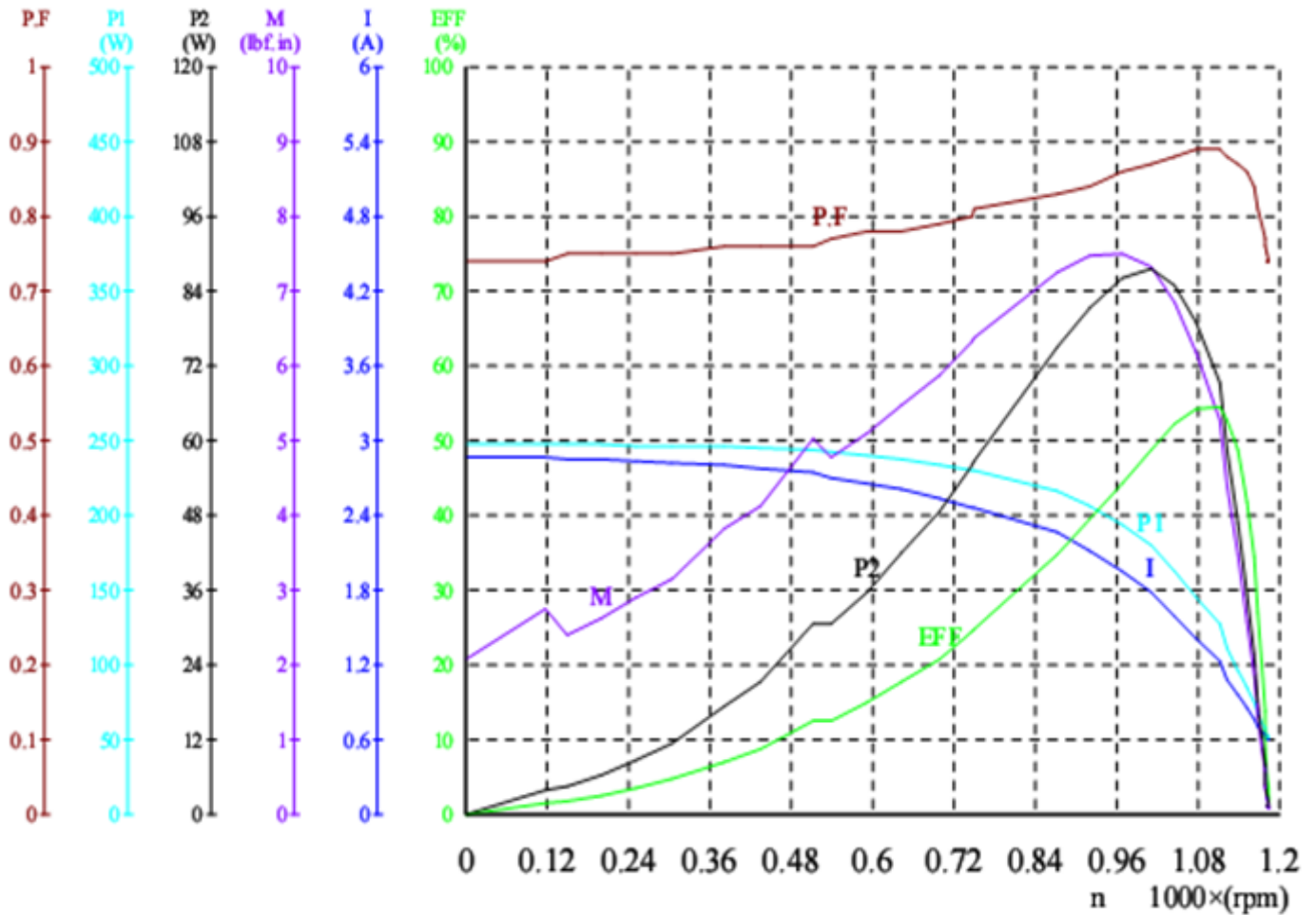
HP: 1/4

RPM: 750/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	116.0	0.595	51.52	0.088	1183	1.23	2.4	0.74
Rated	115.6	2.447	229.3	6.354	750	56.45	24.6	0.81
Max Eff	115.8	1.229	127.2	5.257	1113	69.21	54.4	0.89
Max Pout	115.5	1.776	179.2	7.301	1011	87.32	48.7	0.87
Max Torque	115.4	1.949	193.7	7.478	970	85.81	44.2	0.86
Locked Rotor	115.3	2.857	246.8	2.062	0	0.00	0.0	0.74

Breakdown Torque: 20.43/7.47 Oz-Ft

Locked Rotor Torque: 5.6/2.06 Oz-Ft

Locked Rotor Amps: 7.28/2.85 Amps



Model No.: 4C354N Curve at: 115 VAC  
 HP: 1/4 RPM: 1075/High Speed Volts: 115 Hertz: 60

Performance Data Summary: Thermal Protector Trip Time: \_\_\_\_\_ seconds

NO:	U	I	P1	M	n	P2	EFF	P.F	f
	(V)	(A)	(W)	(lbf.in)	(rpm)	(W)	(%)		
1	115.1	1.904	110.9	0.1061	1192	1.49	1.3	0.50	60.01
2	115.1	1.902	110.9	0.0885	1192	1.24	1.1	0.50	60.00
3	115.1	1.904	110.9	0.1061	1192	1.49	1.3	0.50	60.00
4	115.6	1.933	112.5	0.0442	1191	0.62	0.5	0.50	60.00
5	116.1	1.950	113.4	0.0619	1192	0.87	0.7	0.50	60.01
6	116.0	1.947	113.4	0.0973	1192	1.37	1.2	0.50	60.00
7	116.0	1.946	113.6	0.1946	1192	2.74	2.4	0.50	60.00
8	115.3	1.924	114.3	0.3097	1190	4.36	3.8	0.51	60.00
9	115.2	1.928	115.5	0.5664	1190	7.97	6.9	0.51	60.01
10	115.3	1.938	121.7	0.9470	1189	13.32	10.9	0.54	60.00
11	115.2	1.952	127.8	1.4780	1185	20.71	16.2	0.56	60.00
12	115.3	1.980	136.0	2.1241	1183	29.72	21.8	0.59	60.00
13	115.2	2.017	147.4	3.1331	1179	43.69	29.6	0.63	60.00
14	115.1	2.076	161.4	4.1952	1173	58.21	36.0	0.67	60.00
15	115.4	2.190	182.4	5.6733	1167	78.32	42.9	0.72	60.00
16	115.8	2.322	204.7	7.3637	1157	100.7	49.2	0.76	60.00
17	115.7	2.501	232.6	9.3106	1147	126.3	54.3	0.80	60.00
18	115.6	2.728	263.5	11.001	1140	148.3	56.2	0.83	60.00
19	115.5	3.022	300.1	13.558	1116	179.0	59.6	0.85	60.00
20	115.3	3.356	338.7	15.621	1096	202.5	59.7	0.87	60.00
21	115.9	3.631	370.6	17.135	1076	218.1	58.8	0.88	60.00
22	115.6	3.661	371.8	17.303	1074	219.8	59.1	0.87	60.00
23	115.3	4.008	407.9	18.675	1047	231.3	56.6	0.88	60.00
24	115.1	4.432	449.1	19.772	1013	236.9	52.7	0.87	60.00
25	114.8	4.867	488.3	20.365	972	234.1	47.9	0.87	60.00
26	115.2	5.317	527.0	20.436	923	223.1	42.3	0.85	60.01
27	115.0	5.705	556.1	19.719	869	202.7	36.4	0.84	60.00
28	115.3	6.057	584.4	18.843	813	181.2	31.0	0.83	60.00
29	115.2	6.325	602.8	17.488	754	155.9	25.8	0.82	60.01
30	115.3	6.558	620.0	16.152	694	132.6	21.3	0.81	60.00
31	115.2	6.693	628.9	14.798	634	110.9	17.6	0.81	60.00
32	115.0	6.837	635.4	15.046	609	108.3	17.0	0.80	60.01
33	115.0	6.958	643.5	12.275	515	74.78	11.6	0.80	60.00
34	115.1	7.069	653.6	11.142	456	60.10	9.1	0.80	60.01
35	115.4	7.151	657.4	10.266	400	48.58	7.3	0.79	60.01
36	115.3	7.206	660.2	9.3106	342	37.66	5.7	0.79	60.00
37	115.3	7.242	661.9	10.054	323	38.41	5.8	0.79	60.00
38	115.3	7.302	664.0	5.6821	34	2.28	0.3	0.78	60.00

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

Model No.: 4C354N Curve at: 115 VAC  
 HP: 1/4 RPM: 750/Low Speed Volts: 115 Hertz: 60

Performance Data Summary: Thermal Protector Trip Time: \_\_\_\_\_ seconds

NO:	U (V)	I (A)	P1 (W)	M (lbf.in)	n (rpm)	P2 (W)	EFF (%)	P.F	f
1	116.0	0.595	51.52	0.088	1183	1.23	2.4	0.74	60.00
2	116.1	0.595	51.51	0.053	1184	0.74	1.4	0.74	60.00
3	115.3	0.591	50.96	0.079	1184	1.11	2.1	0.74	60.00
4	115.4	0.592	51.01	0.088	1182	1.23	2.4	0.74	60.00
5	115.4	0.592	51.03	0.070	1184	0.99	1.9	0.74	60.00
6	115.4	0.594	51.05	0.123	1184	1.73	3.3	0.74	60.00
7	115.4	0.599	52.15	0.194	1183	2.72	5.2	0.75	60.00
8	115.4	0.611	53.91	0.336	1181	4.69	8.7	0.76	60.00
9	115.4	0.631	56.65	0.557	1179	7.77	13.7	0.77	60.00
10	115.4	0.660	60.82	0.885	1175	12.30	20.2	0.79	60.00
11	115.4	0.703	66.55	1.301	1170	18.00	27.0	0.81	60.00
12	115.3	0.762	73.97	1.858	1163	25.57	34.5	0.84	60.00
13	115.3	0.845	84.13	2.575	1154	35.15	41.7	0.86	60.00
14	115.2	0.947	95.98	3.460	1141	46.70	48.6	0.87	60.01
15	115.2	1.077	110.4	4.381	1125	58.30	52.7	0.88	60.00
16	115.8	1.229	127.2	5.257	1113	69.21	54.4	0.89	60.00
17	115.8	1.403	144.9	6.168	1078	78.66	54.2	0.89	60.00
18	115.7	1.584	162.2	6.850	1047	84.84	52.2	0.88	60.00
19	115.5	1.776	179.2	7.301	1011	87.32	48.7	0.87	60.00
20	115.4	1.949	193.7	7.478	970	85.81	44.2	0.86	60.01
21	115.3	2.115	206.2	7.452	922	81.28	39.4	0.84	60.00
22	115.2	2.251	215.5	7.248	874	74.94	34.7	0.83	60.00
23	115.6	2.447	229.3	6.354	750	56.45	24.6	0.81	60.00
24	115.6	2.451	229.2	6.310	748	55.83	24.3	0.80	60.00
25	115.5	2.535	233.7	5.859	700	48.51	20.7	0.79	60.01
26	115.5	2.600	237.0	5.469	645	41.73	17.6	0.78	60.01
27	115.5	2.651	239.5	5.080	594	35.69	14.9	0.78	60.00
28	115.4	2.695	241.4	4.752	541	30.41	12.5	0.77	60.00
29	115.4	2.738	242.9	5.009	513	30.40	12.5	0.76	60.00
30	115.4	2.769	244.3	4.106	435	21.13	8.6	0.76	60.01
31	115.4	2.794	245.1	3.805	382	17.19	7.0	0.76	60.01
32	115.4	2.813	245.9	3.150	305	11.36	4.6	0.75	60.00
33	115.4	2.828	246.1	2.876	253	8.60	3.4	0.75	60.00
34	115.4	2.840	246.3	2.610	201	6.20	2.5	0.75	60.01
35	115.4	2.848	246.5	2.398	150	4.25	1.7	0.75	60.00
36	115.4	2.854	246.7	2.734	118	3.81	1.5	0.74	60.01
37	115.3	2.857	246.8	2.062	0	0.00	0.0	0.74	60.00

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