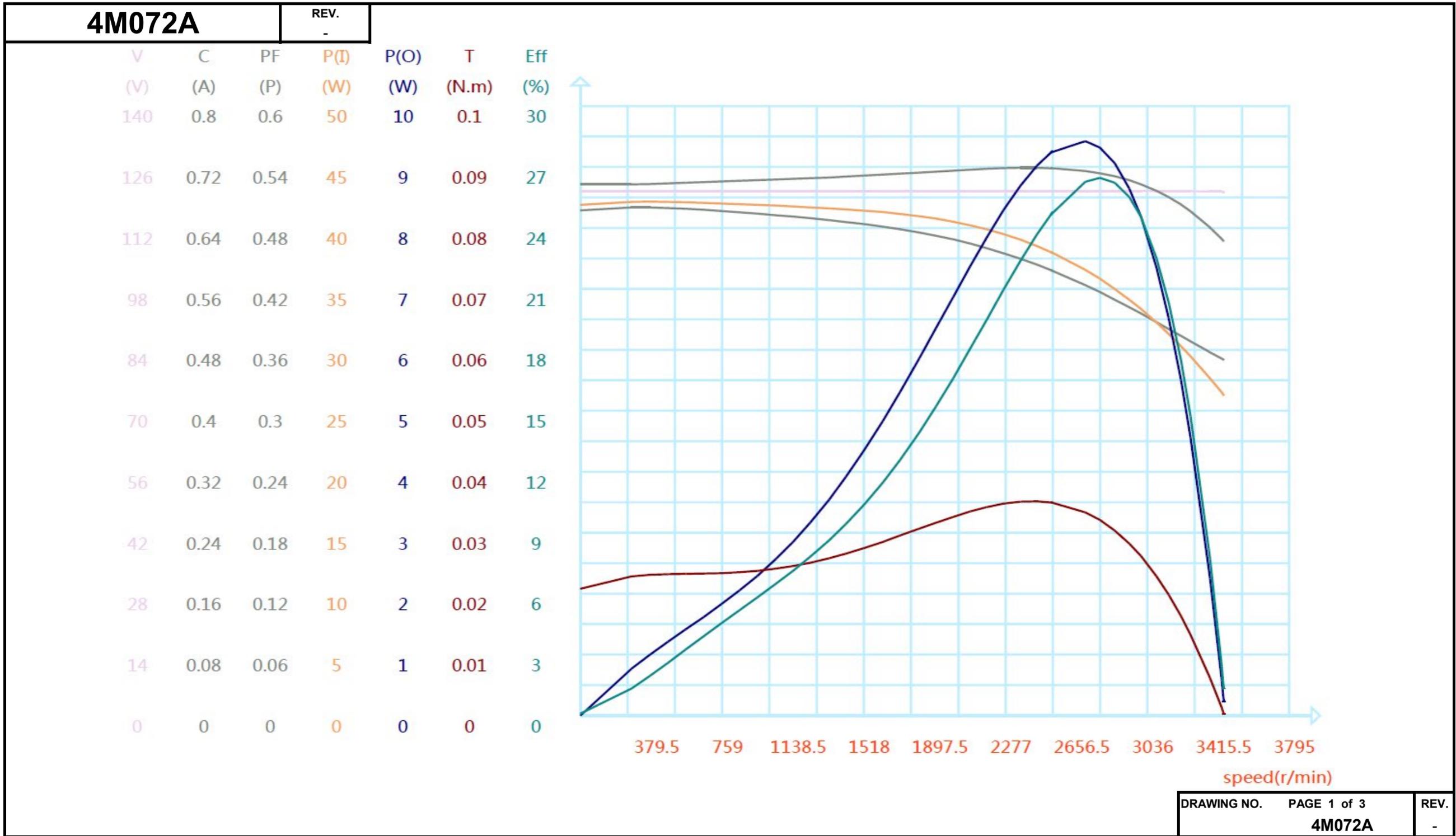


Performance Data



DRAWING NO.	PAGE 1 of 3	REV.
4M072A		-

Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

Performance Data



4M072A		REV.							
number	V(V)	I(A)	PF	Pin(W)	Pout(W)	S(r/min)	T(N.m)	Eff(%)	
1	120.31	0.467	0.467	26.27	0.23	3445.5	0.0003	1.3	
2	120.31	0.467	0.467	26.27	0.24	3445.3	0.0003	1.32	
3	120.31	0.467	0.467	26.3	0.28	3444.1	0.0004	1.44	
4	120.32	0.467	0.468	26.36	0.37	3440.7	0.0007	1.76	
5	120.32	0.468	0.469	26.5	0.58	3433.7	0.0013	2.41	
6	120.35	0.477	0.48	27.65	2.24	3371.6	0.0061	7.7	
7	120.36	0.478	0.482	27.78	2.41	3364.8	0.0066	8.23	
8	120.4	0.491	0.496	29.46	4.55	3267.8	0.0132	14.72	
9	120.42	0.498	0.503	30.3	5.5	3215.7	0.0163	17.49	
10	120.44	0.507	0.51	31.3	6.52	3150.2	0.0198	20.33	
11	120.46	0.516	0.516	32.23	7.34	3085.9	0.0228	22.49	
12	120.48	0.528	0.523	33.36	8.18	3001	0.0262	24.54	
13	120.49	0.536	0.527	34.11	8.64	2939.8	0.0282	25.51	
14	120.5	0.546	0.531	34.99	9.06	2861.9	0.0304	26.23	
15	120.51	0.556	0.534	35.82	9.32	2781.9	0.0321	26.46	
16	120.51	0.565	0.536	36.56	9.43	2703.9	0.0334	26.27	
17	120.52	0.584	0.539	38.02	9.24	2520	0.035	24.66	
18	120.52	0.583	0.539	37.95	9.27	2529.9	0.0349	24.78	
19	120.52	0.592	0.539	38.51	9.03	2445.9	0.0351	23.69	
20	120.52	0.6	0.539	39.04	8.7	2356	0.0351	22.37	
21	120.52	0.607	0.539	39.49	8.29	2266.1	0.0347	20.95	
22	120.52	0.613	0.538	39.89	7.83	2174.2	0.0342	19.46	
23	120.51	0.619	0.537	40.22	7.37	2088.1	0.0335	18.06	
24	120.51	0.625	0.536	40.51	6.86	1996.1	0.0326	16.6	
25	120.51	0.63	0.535	40.76	6.35	1904.1	0.0316	15.2	

DRAWING NO.	PAGE 2 of 3	REV.
4M072A		-

Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

Performance Data



4M072A		REV.							
number	voltage(V)	current(A)	powerfactor	Pin(W)	Pout(W)	speed(r/min)	torque	effective(%)	
26	120.5	0.634	0.535	40.96	5.85	1814.1	0.0306	13.92	
27	120.5	0.638	0.533	41.15	5.3	1711.9	0.0295	12.57	
28	120.5	0.642	0.532	41.29	4.82	1618.1	0.0285	11.45	
29	120.5	0.645	0.531	41.42	4.34	1518.2	0.0275	10.37	
30	120.49	0.648	0.531	41.52	3.91	1422.2	0.0266	9.43	
31	120.49	0.65	0.53	41.61	3.54	1331.9	0.0258	8.63	
32	120.49	0.652	0.529	41.69	3.16	1231.9	0.0251	7.82	
33	120.49	0.655	0.528	41.76	2.85	1137.9	0.0245	7.12	
34	120.49	0.657	0.528	41.82	2.57	1045.8	0.0241	6.48	
35	120.49	0.659	0.527	41.89	2.3	948	0.0237	5.82	
36	120.48	0.66	0.526	41.95	2.06	852.2	0.0235	5.18	
37	120.48	0.662	0.526	42	1.84	756	0.0234	4.55	
38	120.48	0.664	0.525	42.06	1.63	660.2	0.0233	3.9	
39	120.48	0.665	0.524	42.1	1.42	566	0.0232	3.27	
40	120.48	0.666	0.524	42.14	1.21	468.1	0.0232	2.6	
41	120.48	0.667	0.523	42.15	0.99	372	0.0231	1.95	
42	120.47	0.667	0.523	42.14	0.74	273.9	0.0228	1.32	
43	120.47	0.663	0.523	41.89	0	0	0.0208	0.09	

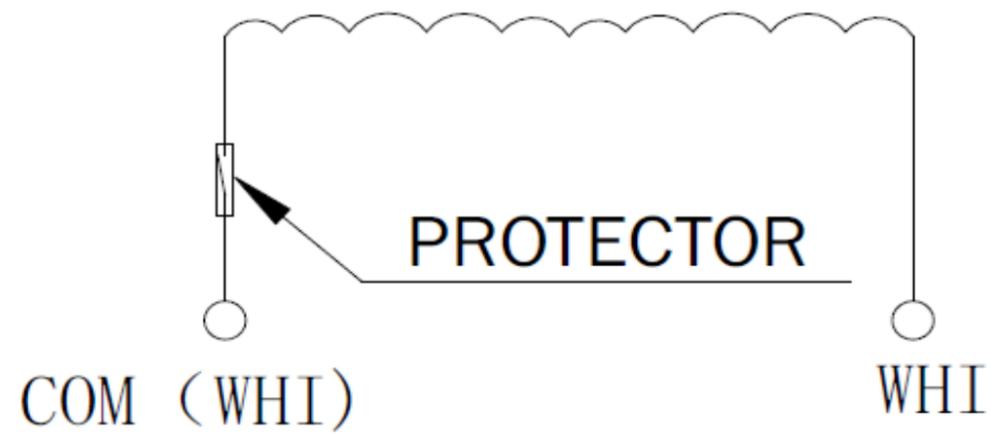
DRAWING NO.	PAGE 3 of 3	REV.
4M072A		-

Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

4M072A

REV.
-

Wiring Diagram:



DRAWING NO.	PAGE 1 of 1	REV.
4M072A		-



4M072A
1/100HP Ref. 3000 RPM
120V 60Hz 40C Amb
.44 FLA .66LRA



E37403

CLASS/ CLASSE B

Thermally Protected
One-Shot Backup
Protegido Térmicamente
con un disparo de respaldo
Protégé Thermiquement
avec un tir de sauvegarde

XYZ

Air-Over/ Aire Encima/ Refroid Par Air

Made in Vietnam/Hecho en Vietnam/
Fab. en Vietnam Mfd. for/Fab.para/
Fab. pour:Dayton Electric Mfg. Co.,
Lake Forest,IL 60045 USA
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