

BALDOR® • RELIANCE

Product Information Packet

EL11300

.25HP,1140RPM,1PH,60HZ,56,3416LC,OPEN,F1

Part Detail							
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3416LC	Elec. Spec:	34WGR066	CD Diagram:	CD0055
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	34F353	Layout:	34LYF353
Frame:	56	Mounting:	F1	Poles:	06	Created Date:	09-26-2014
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	01-26-2016
Leads:	6#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP3155L

CAT.NO.	EL11300													
SPEC.	34F353R066G1													
HP	.25													
VOLTS	115/230													
AMP	2.9/1.45													
RPM	1140													
FRAME	56				HZ		60			PH		1		
SER.F.	1.35			CODE		J	DES		N	CL		B		
F.L. AVG. EFF.	64			PF		84								
RATING	40C AMB-CONT													
CC				USABLE AT 208V										
DE	6203			ODE		6203								
ENCL	OPEN			SN										
	SFA 3.7/1.85													

Parts List		
Part Number	Description	Quantity
SA287480	SA 34F353R066G1	1.000 EA
RA273693	RA 34F353R066G1	1.000 EA
OC3020F12	CYL OIL CAP 20MFD/370V	1.000 EA
EC1108C03	ELEC CAP, 108-130 MFD, 250V, 1.81D X 3.	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
SP1006A01	TERM. BOARD, MODE 35 SW X H-23655	1.000 EA
34EP3210A01SP	FR ENDPLATE, MACH	1.000 EA
34CB3801	CAPACITOR BOX, DIE CAST	1.000 EA
51XB1214A08	12-14 X 1/2HX WS SL SR TYBX	2.000 EA
34GS5003A01	FOAM SLEEVE, ID = 2 1/16" X 4 3/8"	1.000 EA
HW5100A03	WAVY WASHER (W1543-017)	1.000 EA
34EP3212A02	PU ENDPLATE, MODEL 34 OPEN	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
34CB4517	CB LID 4 MTG HOLES .22 DIA STAMPED, FOR	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
MG1000Y03	MUNSELL 2.53Y 6.70/ 4.60, GLOSS 20,	0.014 GA
HA3100A44	THRUBOLT 10-32 X 8.000	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
SP5056A18	MODEL 34 TYPE LC STATIONARY SWITCH WITH	1.000 EA
LC0001A01	CONN LABEL / WARNING LABEL (LC0001 / LB1	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA
NP3155L	ALUM SUPER-E UL CSA CC "SEMS"	1.000 EA
35PA1000	PKG GRP, PRINT PK1008A06	1.000 EA

AC Induction Motor Performance Data

Record # 47415 - Typical performance - not guaranteed values

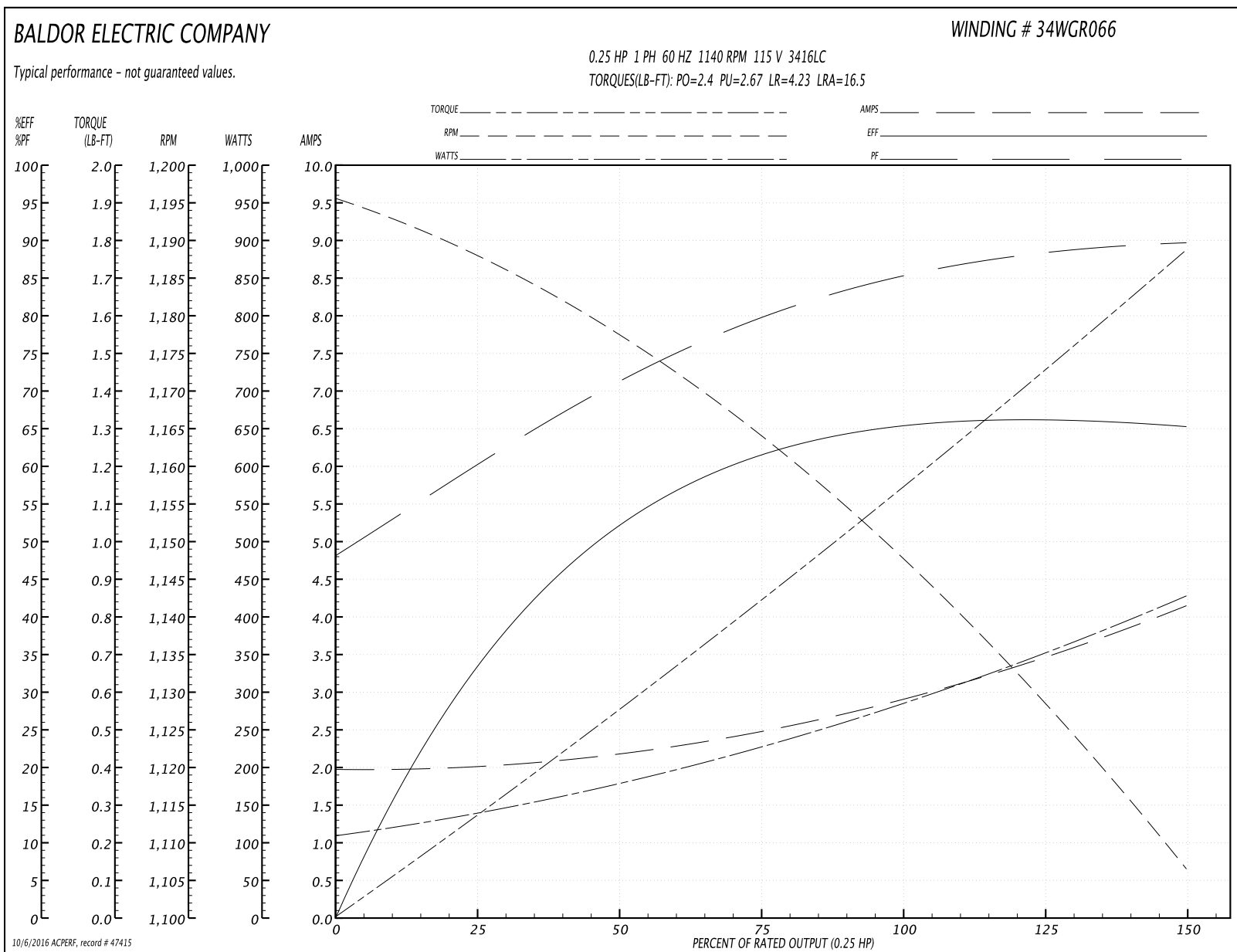
Winding: 34WGR066-R003	Type: 3416LC	Enclosure: OPEN
-------------------------------	---------------------	------------------------

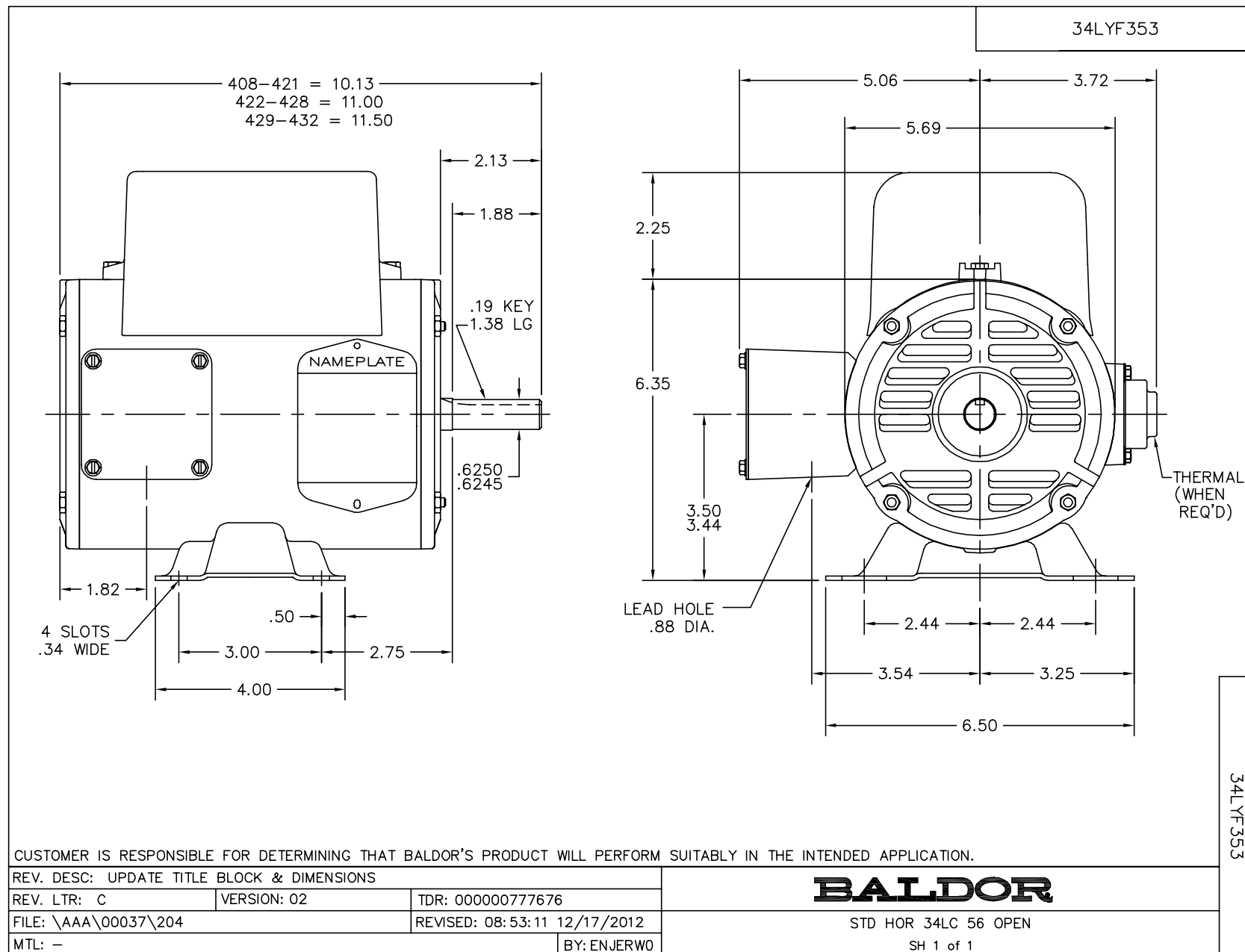
Nameplate Data				115 V, 60 Hz: Low Voltage Connection	
Rated Output (HP)	.25			Full Load Torque	1.14 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	2.9/1.45			Breakdown Torque	2.4 LB-FT
R.P.M.	1140			Pull-up Torque	2.67 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	4.23 LB-FT
NEMA Design Code	N	KVA Code	J	Starting Current	16.5 A
Service Factor (S.F.)	1.35			No-load Current	1.98 A
NEMA Nom. Eff.	64	Power Factor	84	Line-line Res. @ 25°C	3.8763 Ω A Ph 7.1352 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	48°C
S.F. Amps	3.7/1.85			Temp. Rise @ S.F. Load	63°C

Load Characteristics 115 V, 60 Hz, 0.25 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	61	73	80	85	88	89	88
Efficiency	33.6	51.9	61.3	65.6	66.9	65	66.1
Speed	1186.6	1176.1	1163.7	1149.1	1130.7	1104.8	1120
Line amperes	2.01	2.17	2.48	2.92	3.45	4.15	3.73

Performance Graph at 115V, 60Hz, 0.25HP Typical performance - Not guaranteed values





CD0055

