

BALDOR® • RELIANCE

Product Information Packet

KM3457

.33HP,3450RPM,3PH,60HZ,56C,3410M,TENV,F1

Part Detail									
Revision:	E	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3410M	Elec. Spec:	34WGY170	CD Diagram:			
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	34K013	Layout:			
Frame:	56C	Mounting:	F1	Poles:	02	Created Date:			
Base:	N	Rotation:	R	Insulation:	B	Eff. Date:	06-27-2011		
Leads:	9#18	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1256L									
CAT.NO.	KM3457								
SPEC.	34K013Y170								
HP	.33								
VOLTS	230/460								
AMP	1.4/.7								
RPM	3450								
FRAME	56C	HZ			60	PH	3		
SER.F.	1.35	CODE			P	DES	B	CLASS	B
NEMA-NOM-EFF	72	PF			64				
RATING	40C AMB-CONT								
CC		USABLE AT 208V			1.6				
DE	6203	ODE			6203				
ENCL	TENV	SN							
	SFA 1.5/.75								

Parts List		
Part Number	Description	Quantity
SA085074	SA 34K013Y170	1.000 EA
RA078218	RA 34K013Y170	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	1.000 EA
34GS1029A01	GASKET, CONDUIT BOX	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
34EP3100A03SP	FR ENDPLATE, MACH	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
34EP3300A24SP	PU ENDPLATE, MACH	1.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
34CB4517	CB LID 4 MTG HOLES .22 DIA STAMPED, FOR	1.000 EA
34GS1031A01	GASKET, FLAT CONDUIT BOX LID (LEXIDE)	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY 55 GALLONS	0.014 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
HA3100A12	THRUBOLT 10-32 X 7.375	4.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000 EA
NP1256L	ALUM, UL CSA CC, W/O THERMAL, LASER	1.000 EA
34PA1002	PACKING GROUP, BALDOR	1.000 EA
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA

Parts List (continued)

Part Number	Description	Quantity
PK3083T	STYROFOAM PACKING CRADLE W/TAPE	1.000 EA

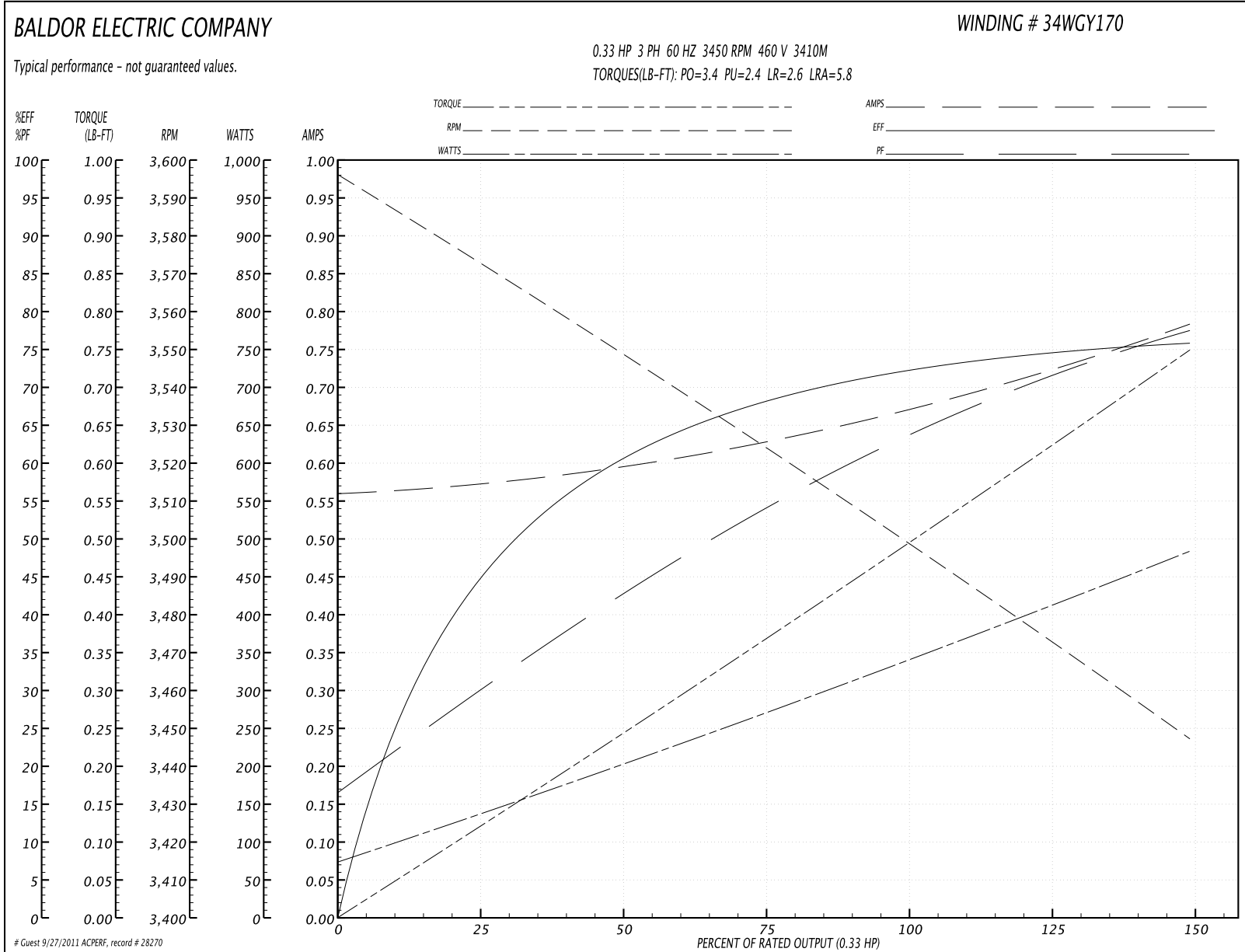
Performance Data at 460V, 60Hz, 0.33HP (Typical performance - Not guaranteed values)**General Characteristics**

Full Load Torque:	0.5 LB-FT	Start Configuration:	DOL
No-Load Current:	0.56 Amps	Break-Down Torque:	3.4 LB-FT
Line-line Res. @ 25°C.:	31.7 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	2.4 LB-FT
Temp. Rise @ Rated Load:	57 C	Locked-Rotor Torque:	2.6 LB-FT
Temp. Rise @ S.F. Load:	66 C	Starting Current:	5.8 Amps

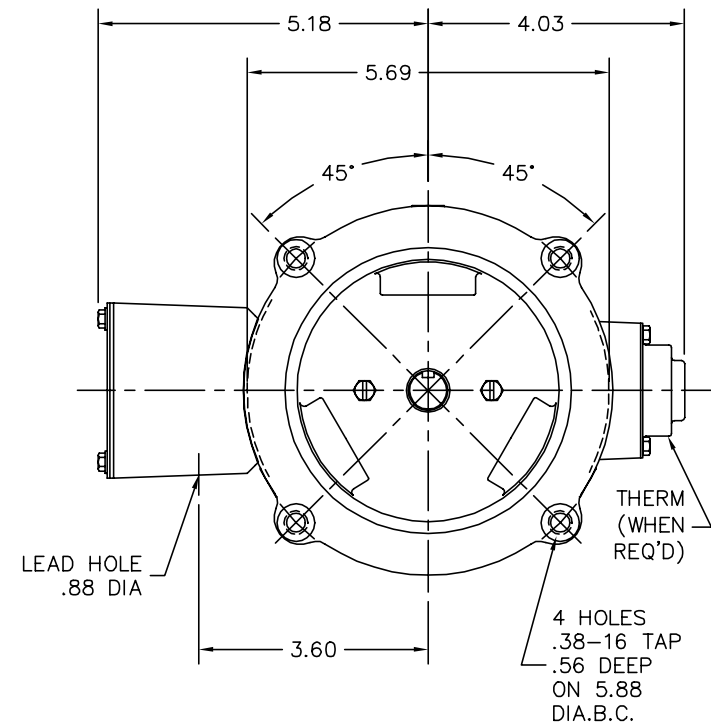
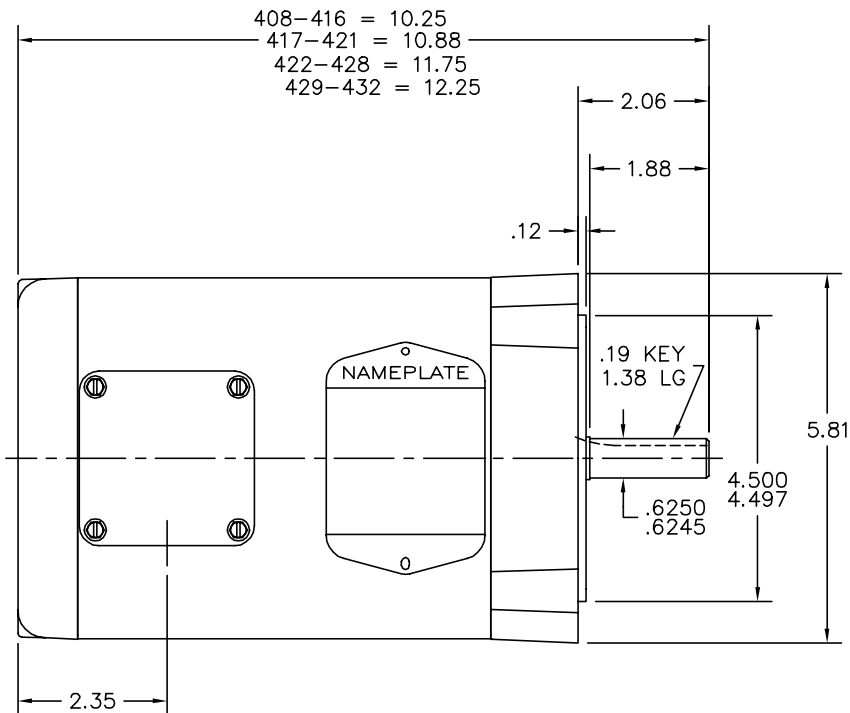
Load Characteristics

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	32.0	42.0	55.0	63.0	73.0	77.0	75.0
Efficiency:	43.7	62.0	68.3	72.8	74.4	75.8	75.0
Speed:	3569.0	3544.0	3526.0	3497.0	3477.0	3444.0	3464.0
Line Amperes:	0.57	0.6	0.63	0.68	0.71	0.79	0.742

Performance Graph at 460V, 60Hz, 0.33HP Typical performance - Not guaranteed values



34LYK013



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: UPDATE ACAD & KBOX

REV. LTR: D BY: RT REVISED: 14:11:23 02/04/2005 TDR: 355794

34LYK013

FILE: AAA00026147

REF: 34LYK013

MTL: -

BALDOR ELECTRIC Co.

STD VERT MODEL 34M NEMA 56C TENV

34LYK013

