

BALDOR® • RELIANCE

Product Information Packet

KNM3454

.25HP,1725RPM,3PH,60HZ,56C,3410M,TENV,F1

Part Detail							
Revision:	U	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3410M	Elec. Spec:	34WG0895	CD Diagram:	CD0005
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	34K013	Layout:	34LYK013
Frame:	56C	Mounting:	F1	Poles:	04	Created Date:	
Base:	N	Rotation:	R	Insulation:	F	Eff. Date:	09-17-2016
Leads:	9#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L

CAT.NO.	KNM3454													
SPEC.	34K13-895													
HP	.25													
VOLTS	208-230/460													
AMP	1.4-1.3/.65													
RPM	1725													
FRAME	56C					HZ		60				PH	3	
SER.F.	1.00			CODE	L	DES			B	CLASS	F			
NEMA-NOM-EFF	64				PF	56								
RATING	40C AMB-CONT													
CC					USABLE AT 208V								1.4	
DE	6203				ODE	6203								
ENCL	TENV			SN										

Parts List		
Part Number	Description	Quantity
SA008080	SA 34K13-895	1.000 EA
RA004527	RA 34K13-895	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
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
MG1000G27	MED CHARCOAL METALLIC GREY 400-0096	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
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
34PA1002	PKG GRP, PRINT PK1001A01	1.000 EA

AC Induction Motor Performance Data

Record # 6612 - Typical performance - not guaranteed values

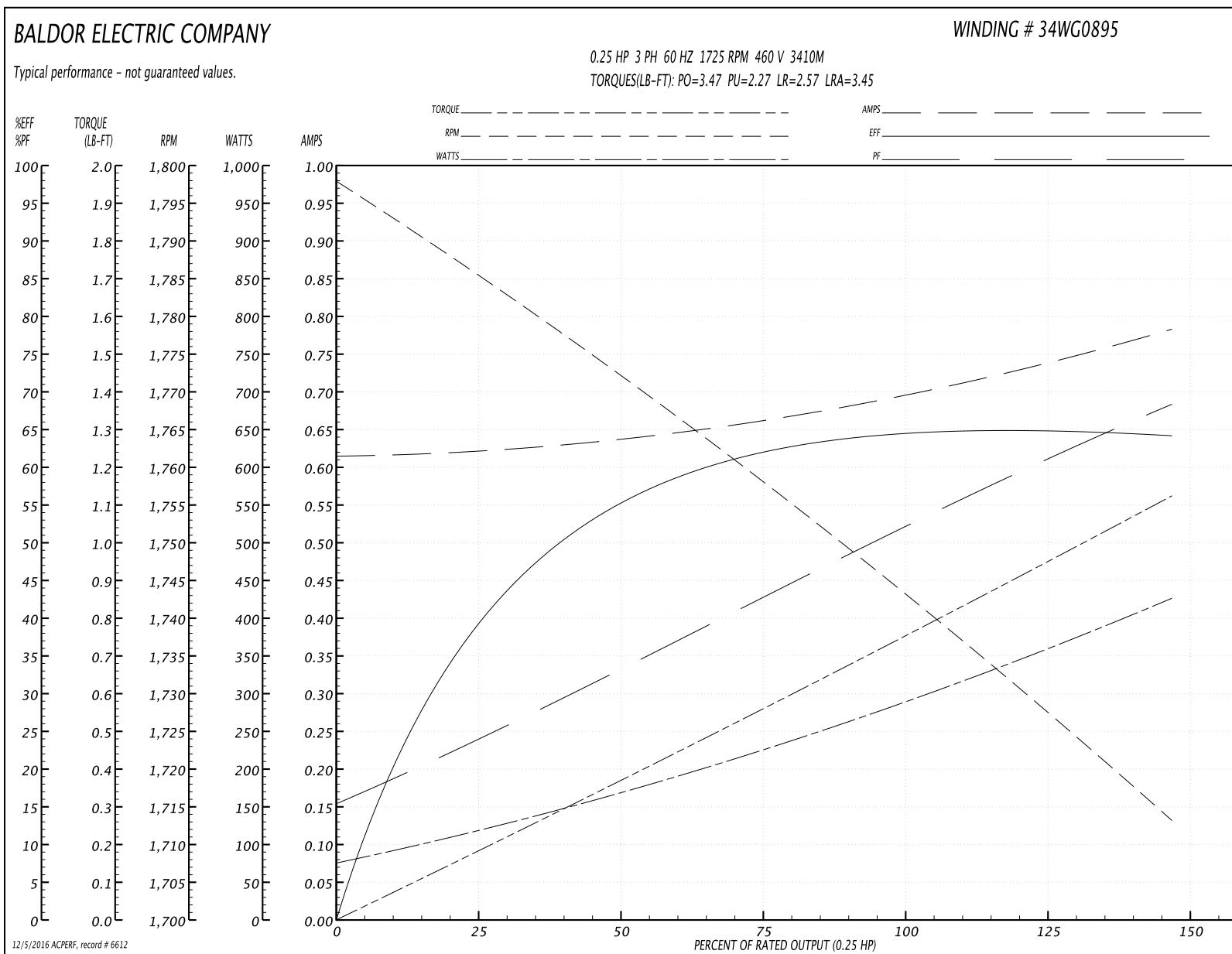
Winding: 34WG0895-R011	Type: 3410M	Enclosure: TENV
-------------------------------	--------------------	------------------------

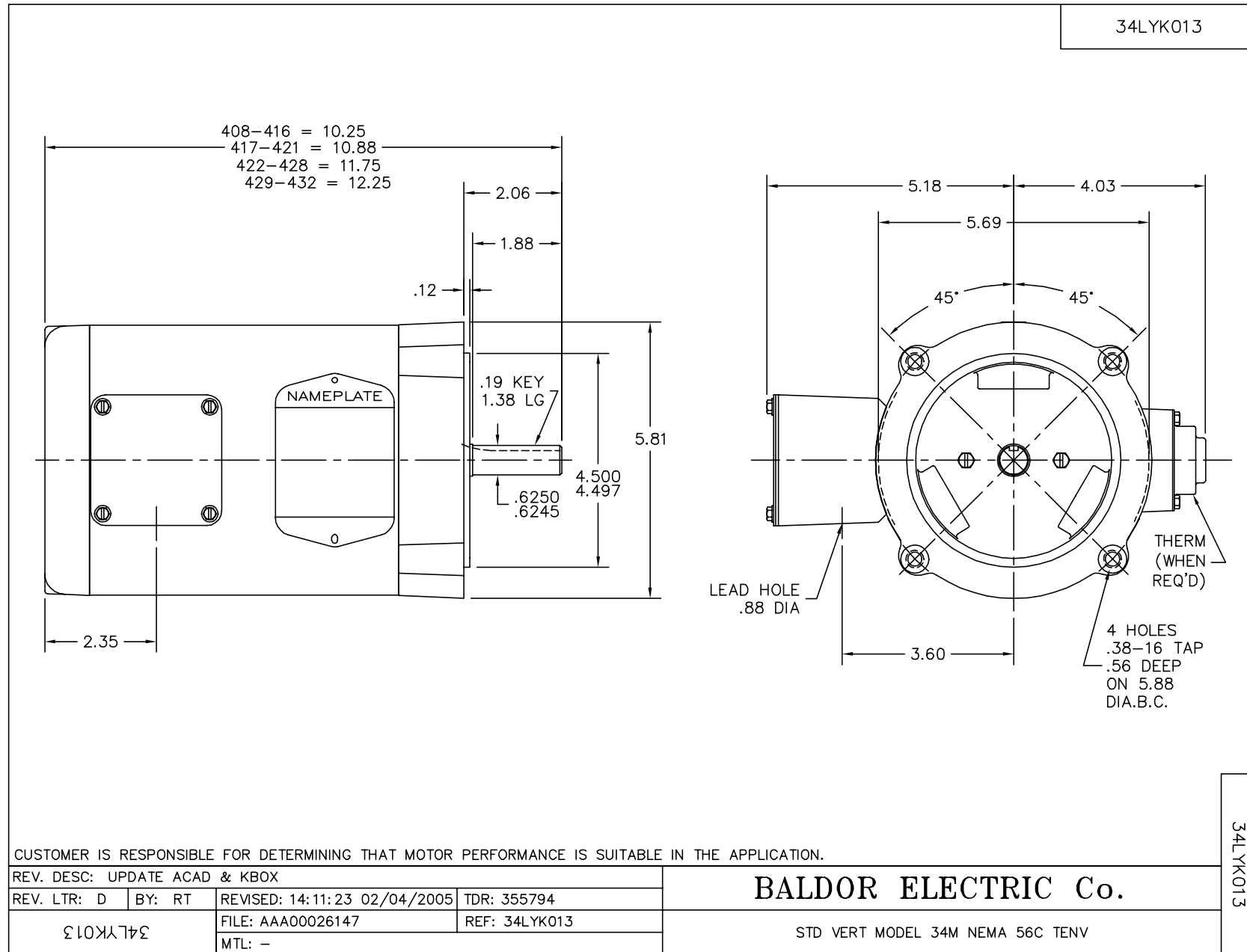
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	.25			Full Load Torque	0.75 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	1.4-1.3/.65			Breakdown Torque	3.47 LB-FT
R.P.M.	1725			Pull-up Torque	2.27 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	2.57 LB-FT
NEMA Design Code	B	KVA Code	L	Starting Current	3.45 A
Service Factor (S.F.)	1			No-load Current	0.6 A
NEMA Nom. Eff.	64	Power Factor	56	Line-line Res. @ 25°C	68.4 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	68°C

Load Characteristics 460 V, 60 Hz, 0.25 HP

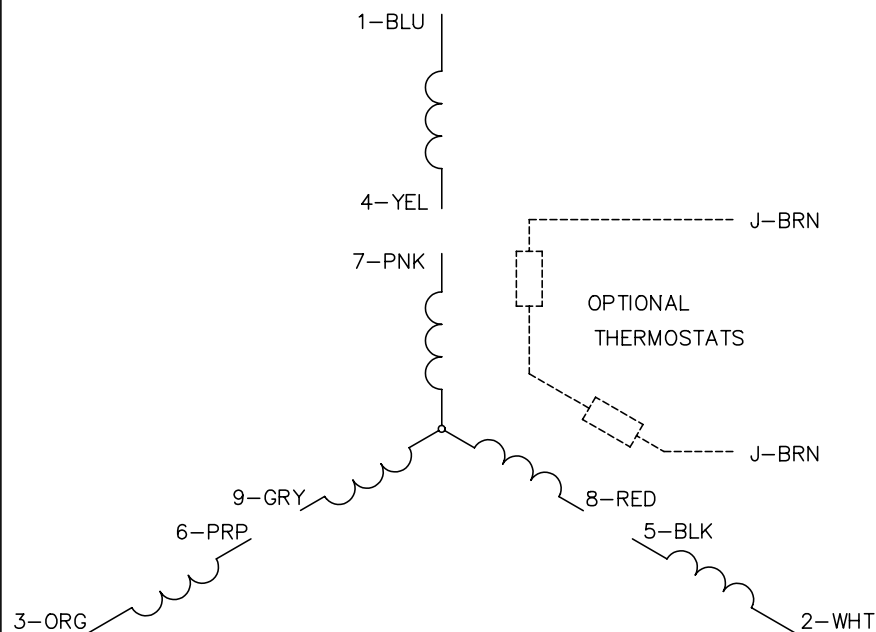
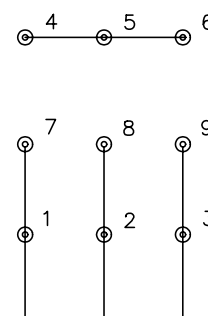
% of Rated Load	25	50	75	100	125	150
Power Factor	30	39	50	57	64	69
Efficiency	40	55.6	62.3	64	64.8	64.3
Speed	1785	1772	1758	1743	1729	1713
Line amperes	0.64	0.65	0.66	0.67	0.74	0.79

Performance Graph at 460V, 60Hz, 0.25HP Typical performance - Not guaranteed values

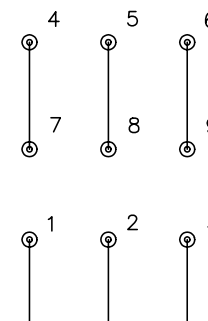




CD0005

LOW VOLTAGE
(2Y)

LINE

HIGH VOLTAGE
(1Y)

LINE

NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: E BY: JLP

REVISED: 01/19/99 10:15

TDR: 0171435

900000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005