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Product Information Packet

CFDL3507M

.75HP,1725RPM,1PH,60HZ,56C,3432LC,TEFC,F

Part Detail

Revision:	A	**Status:**	PRD/A	**Change #:**		**Proprietary:**	No
Type:	AC	**Elec. Spec:**	34WGW937	**CD Diagram:**	CD0320	**Mfg Plant:**	
Mech. Spec:	34M369	**Layout:**	34LYM369	**Poles:**	04	**Created Date:**	12-03-2013
Base:	RG	**Eff. Date:**	04-14-2015	**Leads:**	6#18,1#14 #4TH		

Specs

Catalog Number:	CFDL3507M	**KVA Code:**	M
Enclosure:	TEFC	**Lifting Lugs:**	No Lifting Lugs
Frame:	56C	**Locked Bearing Indicator:**	Locked Bearing
Frame Material:	Steel	**Motor Lead Quantity/Wire Size:**	6 @ 18 AWG
Output @ Frequency:	.750 HP @ 60 HZ	**Motor Lead Exit:**	Ko Box
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	**Motor Lead Termination:**	Flying Leads
Voltage @ Frequency:	115.0 V @ 60 HZ	**Motor Type:**	3432LC
	230.0 V @ 60 HZ	**Mounting Arrangement:**	F1
XP Class and Group:	None	**Power Factor:**	75
XP Division:	Not Applicable	**Product Family:**	General Purpose
Agency Approvals:	UR	**Product Type:**	FARM DUTY
	CSA	**Pulley End Bearing Type:**	Sealed Bearing
Auxillary Box:	No Auxillary Box	**Pulley Face Code:**	C-Face
Auxillary Box Lead Termination:	None	**Pulley Shaft Indicator:**	Standard
Base Indicator:	Rigid	**Rodent Screen:**	None
Bearing Grease Type:	Polyrex EM (-20F +300F)	**RoHS Status:**	ROHS COMPLIANT
Blower:	None	**Shaft Extension Location:**	Pulley End
Current @ Voltage:	4.400 A @ 230.0 V	**Shaft Ground Indicator:**	No Shaft Grounding

	8.800 A @ 115.0 V
Design Code:	N
Drip Cover:	No Drip Cover
Duty Rating:	CONT
Electrically Isolated Bearing:	Not Electrically Isolated
Feedback Device:	NO FEEDBACK
Front Face Code:	Standard
Front Shaft Indicator:	None
Heater Indicator:	No Heater
Insulation Class:	B
Inverter Code:	Not Inverter

Shaft Rotation:	Reversible
Shaft Slinger Indicator:	Shaft Slinger
Speed Code:	Single Speed
Motor Standards:	NEMA
Starting Method:	Direct on line
Thermal Device - Bearing:	None
Thermal Device - Winding:	None
Vibration Sensor Indicator:	No Vibration Sensor
Winding Thermal 1:	Manual Thermal Overload
Winding Thermal 1 Location:	KO
Winding Thermal 2:	None

Nameplate NP1280L

CAT.NO.	CFDL3507M						
SPEC.	34M369W937						
HP	.75						
VOLTS	115/230						
AMP	8.8/4.4						
RPM	1725						
FRAME	56C	**HZ**	60			**PH**	1
SER.F.	1.25	**CODE**	M	**DES**	N	**CL**	B
NEMA-NOM-EFF	74	**PF**	75				
RATING	40C AMB-CONT						
CC						**USABLE AT 208V**	
DE	6203	**ODE**	6203				
ENCL	TEFC	**SN**					
	SFA 10.2/5.1						

AC Induction Motor Performance Data

Record # 7151 - Typical performance - not guaranteed values

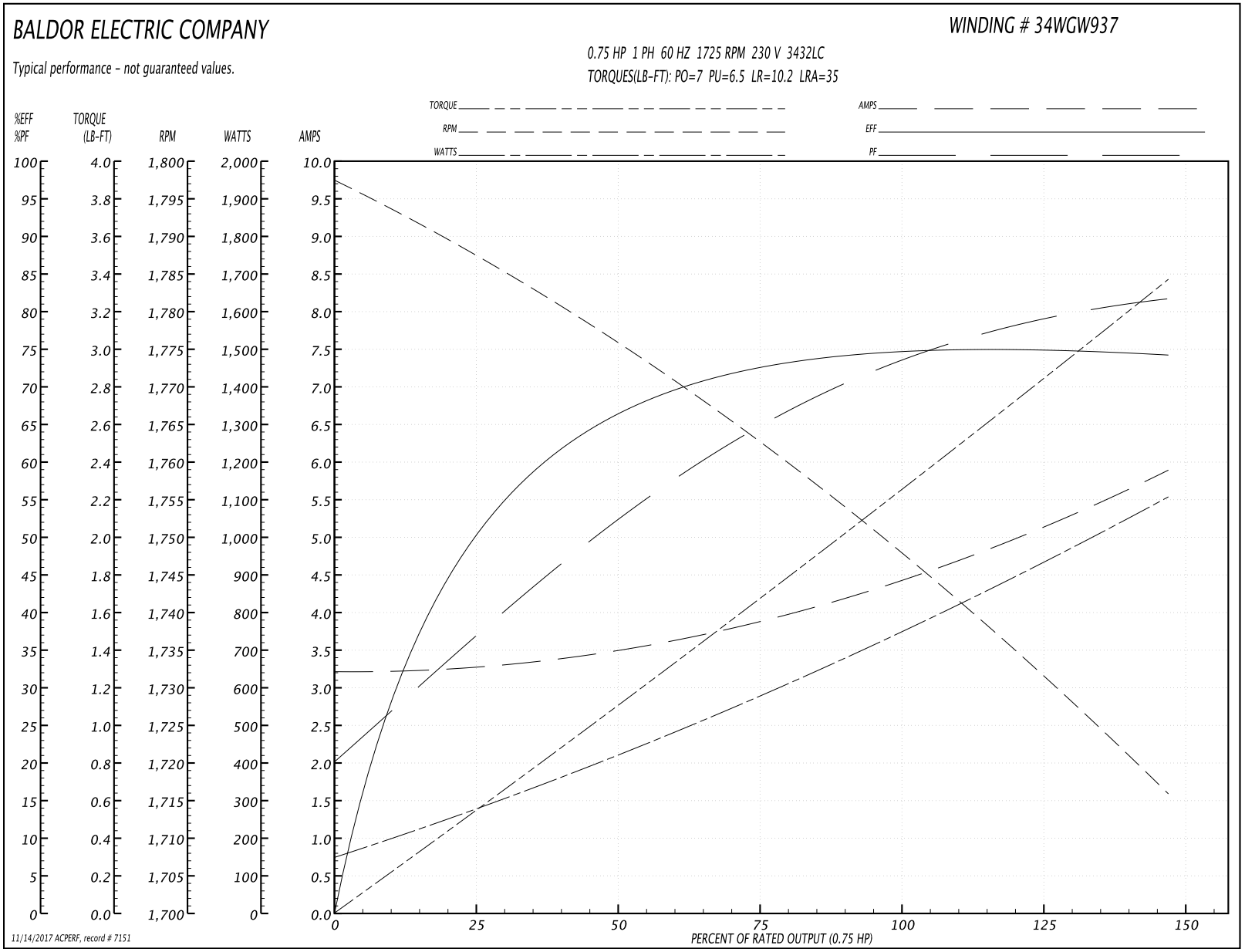
Winding: 34WGW937-R001	**Type:** 3432LC	**Enclosure:** TEFC

Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	.75			Full Load Torque	2.25 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	8.8/4.4			Breakdown Torque	7 LB-FT
R.P.M.	1725			Pull-up Torque	6.5 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	10.2 LB-FT
NEMA Design Code	N	KVA Code	M	Starting Current	35 A
Service Factor (S.F.)	1.25			No-load Current	3.2 A
NEMA Nom. Eff.	74	Power Factor	75	Line-line Res. @ 25ºC	2.35 Ω A Ph 1.76 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	59°C
S.F. Amps	10.2/5.1			Temp. Rise @ S.F. Load	74°C

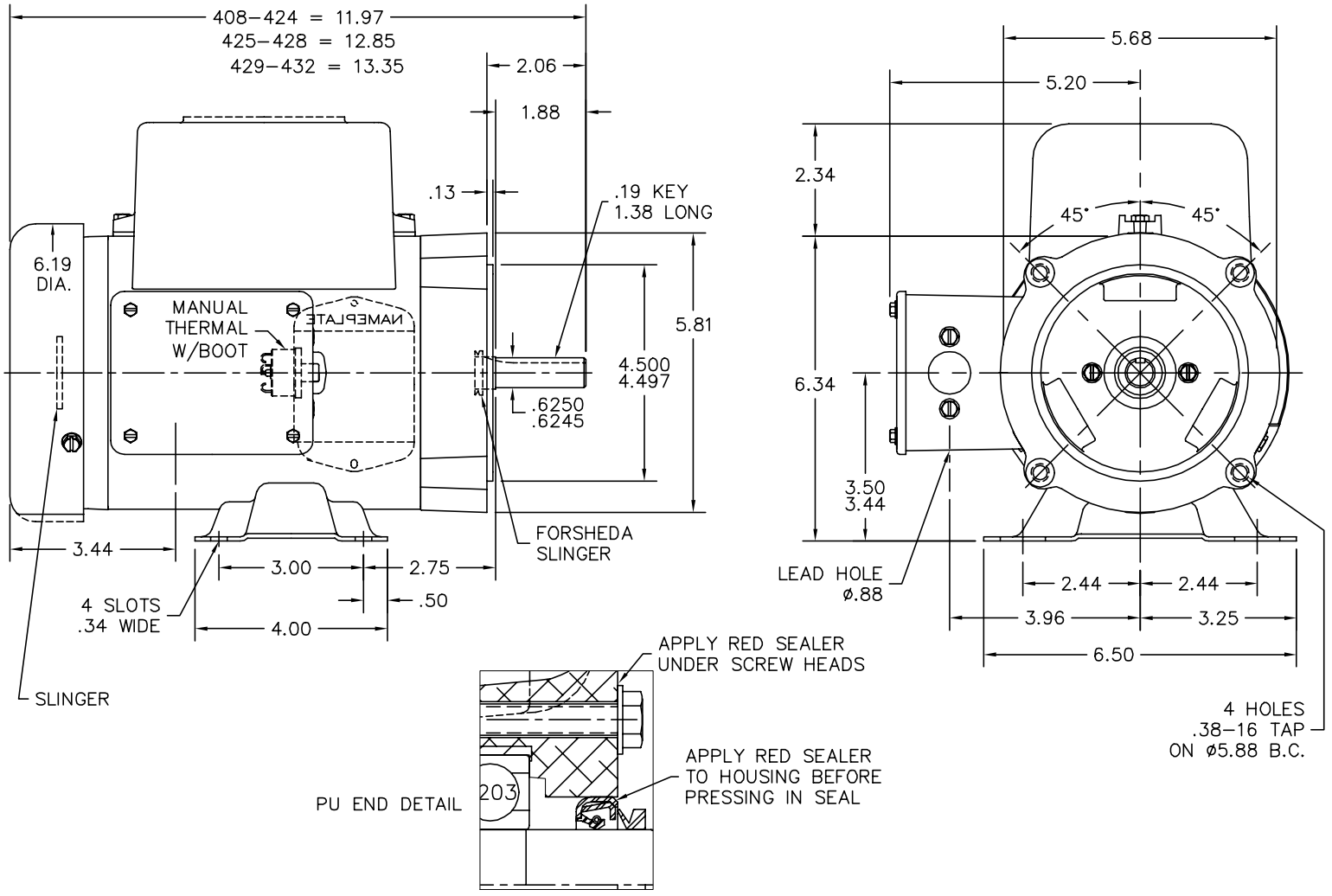
Load Characteristics 230 V, 60 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	38	53	66	74	80	84	0
Efficiency	50.7	66	72.9	74.9	75.1	74.1	0
Speed	1787	1775	1761	1750	1733	1715	0
Line amperes	3.3	3.5	3.9	4.4	5.1	5.9	5.1

Performance Graph at 230V, 60Hz, 0.75HP Typical performance - Not guaranteed values



34LYM369



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: ADD FLAT SLINGER HA1005A05 ON FRONT END		
REV. LTR: A	VERSION: 01	TDR: 000000907491
FILE: \AAA\00205\220	REVISED: 11:40:38 04/14/2015	BY: ENMAIYO
MTL: –		

BALDOR

HOR TEFC 34LC NEMA 56C FARM DUTY W/.75 MTO IN KOBX, LIP SEAL

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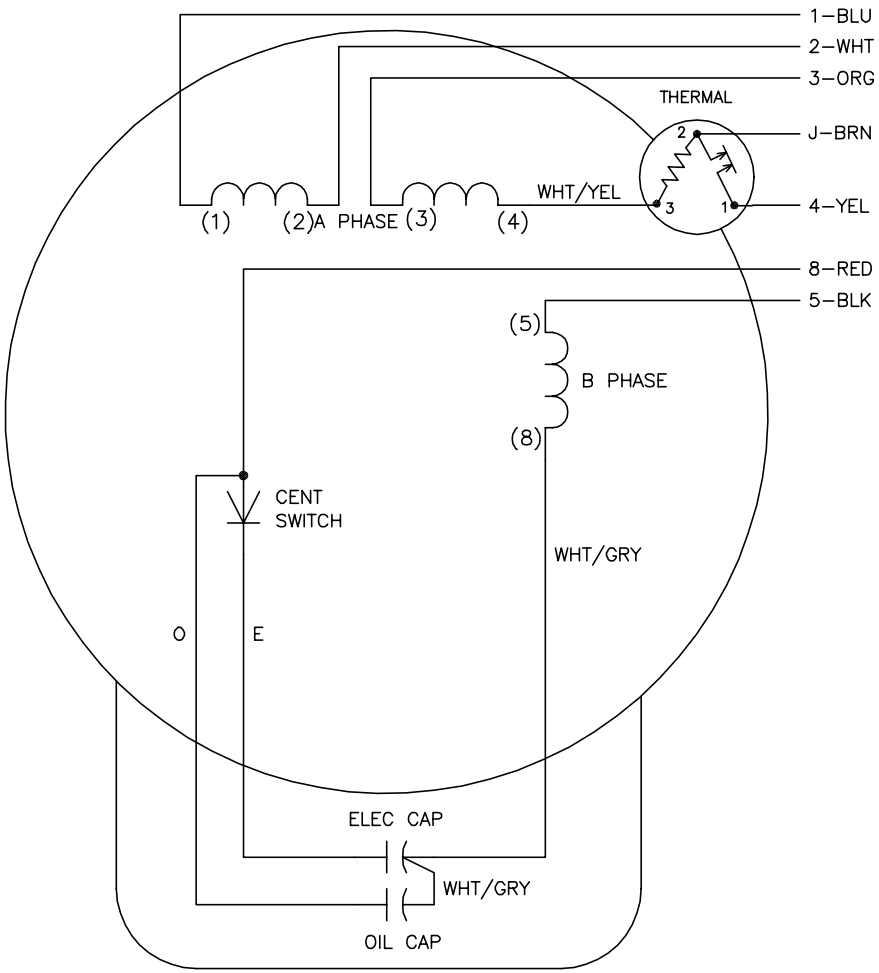
34LYM369

CD0320



	LINE A	LINE B	JOIN	JOIN
HIGH STD	1,8	4	2,3,5	J
HIGH OPP	1,5	4	2,3,8	J
LOW STD	1,3,8	4	–	2,J,5
LOW OPP	1,3,5	4	–	2,J,8

NOTES:

1. STANDARD ROTATION IS CCW FACING END OPPOSITE SHAFT EXTENSION.
2. MULTIPLE CAPACITORS ARE CONNECTED IN PARALLEL UNLESS OTHERWISE SPECIFIED.
3. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0320

REV. DESC: ADD INTERNAL CONNECTION TO HELP MANUFACTURING		
REV. LTR: G	VERSION: 01	TDR: 000000941594
FILE: \AAA\00007\422	REVISED: 02:21:00 08/28/2015	BY: ENALEMO
MTL: –		

BALDOR

TYPE LC, DV, REV, THERMAL, B PH AMPS THRU HTR HVC, 7 LEAD

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