BALDOR • RELIANCE

Product Information Packet

L3608T

5HP,3450RPM,1PH,60HZ,184T,3640LC,TEFC,F1

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Part Detail

Revision:	AP	**Status:**	PRD/A	**Change #:**		**Proprietary:**	No
Type:	AC	**Elec. Spec:**	36WGW914	**CD Diagram:**	CD0017A02	**Mfg Plant:**	
Mech. Spec:	36E004	**Layout:**	36LYE004	**Poles:**	02	**Created Date:**	
Base:	RG	**Eff. Date:**	12-09-2020	**Leads:**	2#14 A PH,2#16 B PH		

Specs

Catalog Number:	L3608T	**Insulation Class:**	F
Product Complexity Level:	Standard	**Inverter Code:**	Not Inverter
Enclosure:	TEFC	**KVA Code:**	G
Frame:	184T	**Lifting Lugs:**	No Lifting Lugs
Frame Material:	Steel	**Locked Bearing Indicator:**	No Locked Bearing
Output @ Frequency:	5.000 HP @ 60 HZ	**Motor Lead Quantity/Wire Size:**	2 @ 14 AWG, A PH
Synchronous Speed @ Frequency:	3600 RPM @ 60 HZ	**Motor Lead Exit:**	Ko Box
Voltage @ Frequency:	230.0 V @ 60 HZ	**Motor Lead Termination:**	Flying Leads
XP Class and Group:	None	**Motor Type:**	3640LC
XP Division:	Not Applicable	**Mounting Arrangement:**	F1
Agency Approvals:	UR	**Power Factor:**	99
	CSA	**Product Family:**	General Purpose
Auxillary Box:	No Auxillary Box	**Pulley End Bearing Type:**	Ball
Auxillary Box Lead Termination:	None	**Pulley Face Code:**	Standard
Base Indicator:	Rigid	**Pulley Shaft Indicator:**	Standard
Bearing Grease Type:	Polyrex EM (-20F +300F)	**Rodent Screen:**	None
Blower:	None	**Shaft Extension Location:**	Pulley End
Current @ Voltage:	22.000 A @ 208.0 V	**Shaft Ground Indicator:**	No Shaft Grounding

	19.500 A @ 230.0 V
Design Code:	L
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

Shaft Rotation:	Reversible
Shaft Slinger Indicator:	No 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:	None
Winding Thermal 2:	None

Nameplate NP1256L

CAT.NO.	L3608T							
SPEC.	36E04W914							
HP	5							
VOLTS	230							
AMP	19.5							
RPM	3450							
FRAME	184T		**HZ**	60			**PH**	1
SER.F.	1.00	**CODE**	G	**DES**	L	**CLASS**	F	
NEMA-NOM-EFF	83	**PF**	99					
RATING	40C AMB-CONT							
CC						**USABLE AT 208V**	22	
DE	6206			**ODE**	6205			
ENCL	TEFC	**SN**						

AC Induction Motor Performance Data
Record # 10881
Typical performance - not guaranteed values

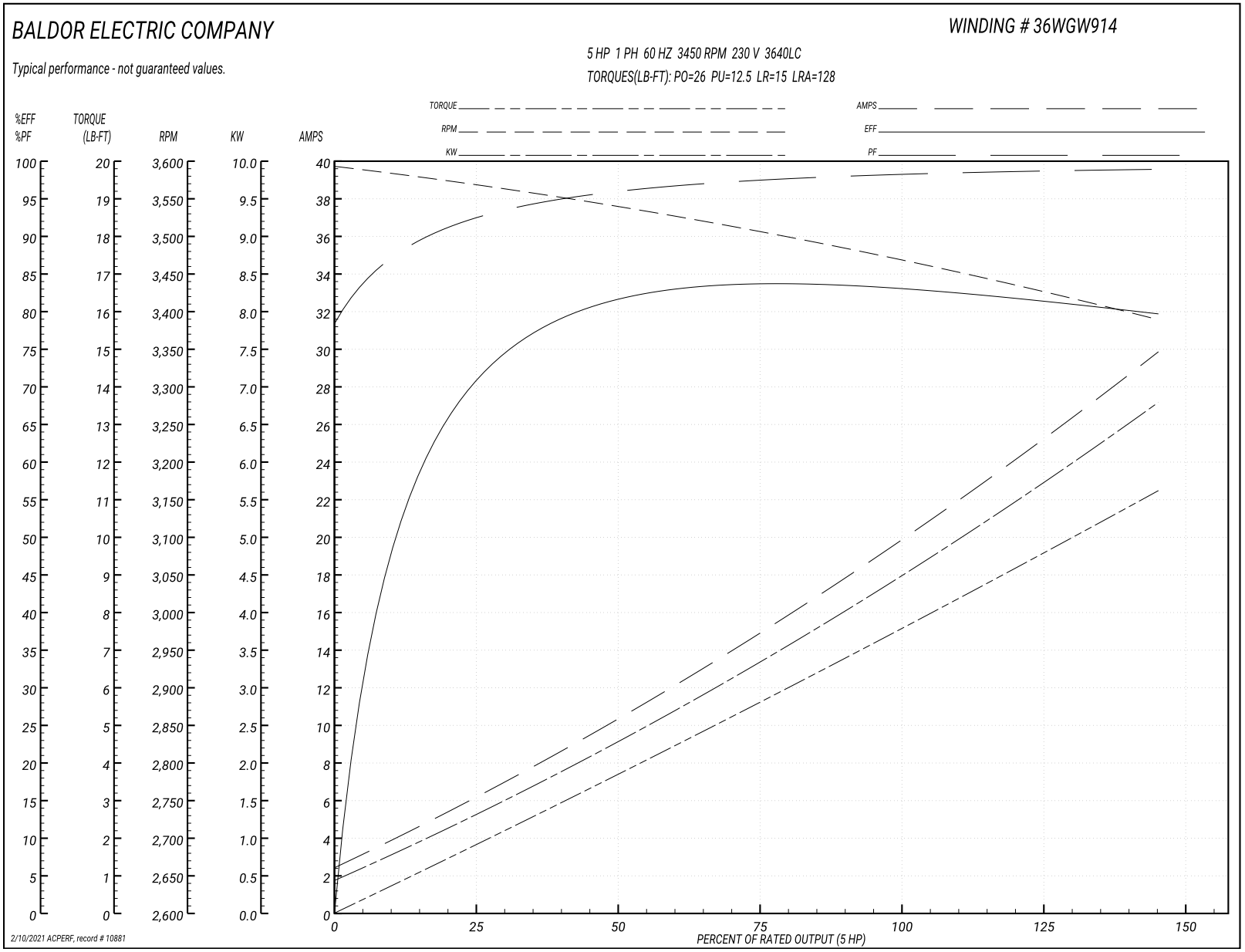
Winding: 36WGW914-R001 **Type:** 3640LC **Enclosure:** TEFC

Nameplate Data			230 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)		5	**Full Load Torque**	7.5 LB-FT
Volts		230	**Start Configuration**	direct on line
Full Load Amps		19.5	**Breakdown Torque**	26 LB-FT
R.P.M.		3450	**Pull-up Torque**	12.5 LB-FT
Hz	60 **Phase**	1	**Locked-rotor Torque**	15 LB-FT
NEMA Design Code	L **KVA Code**	G	**Starting Current**	128 A
Service Factor (S.F.)		1	**No-load Current**	2.3 A
NEMA Nom. Eff.	83 **Power Factor**	99	**Line-line Res. @ 25ºC**	0.38 Ω A Ph 1.02 Ω B Ph
Rating - Duty		40C AMB-CONT	**Temp. Rise @ Rated Load**	93°C

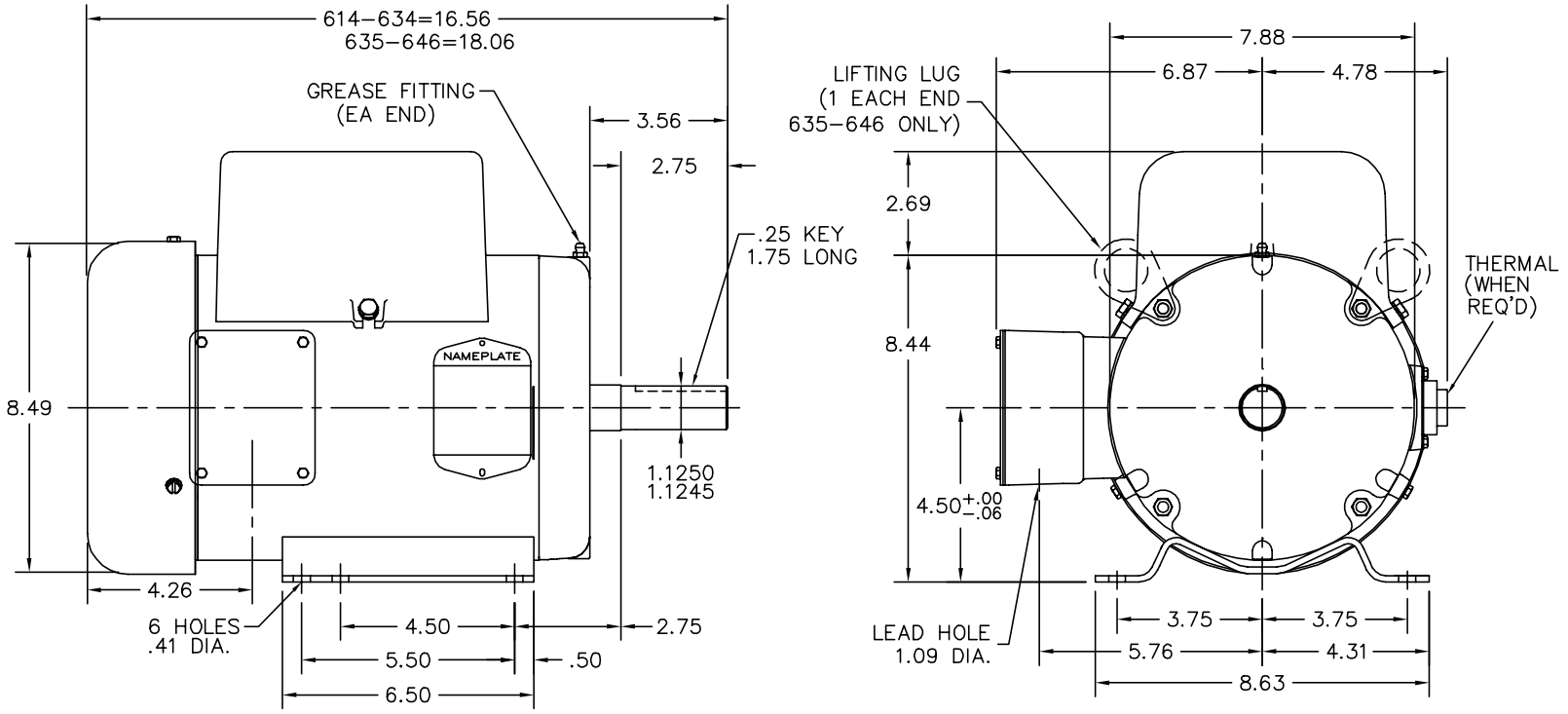
Load Characteristics 230 V, 60 Hz, 5 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	98	98	98	98	97	97
Efficiency	66.4	81.5	83.9	83.9	82.1	79.2
Speed	3565	3539	3507	3472	3430	3389
Line amperes	6.5	10.4	14.9	19.6	24.7	29.9

Performance Graph at 230V, 60Hz, 5.0HP Typical performance - Not guaranteed values



36LYE004



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

REV. DESC: CHG FREP TO 36EP3104A01, CHG FH TO 36FH4009A124		
REV. LTR: H	VERSION: 02	TDR: 000000919753
FILE: \AAA\00003\198	REVISED: 02:06:19 04/10/2015	BY: FGCHAH1
MTL: –		

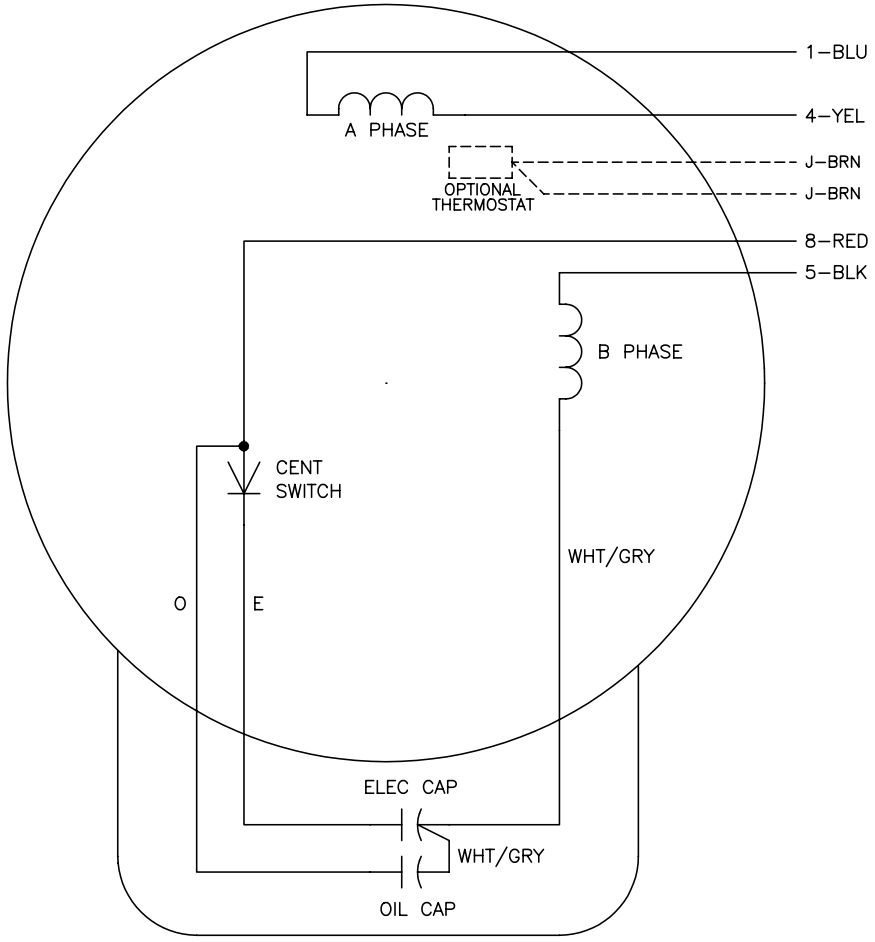
BALDOR

STD HORZ 182–4T TEFC 36L–LC

SH 1 of 1

36LYE004

CD0017A02



	LINE A	LINE B
STD	1,8	4,5
OPP	1,5	4,8

NOTES:

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

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: B	BY: JLP	REVISED: 04/09/99 11:30	TDR: 0178636
CD0017A02		FILE: AAA00007514	MDL: –
		MTL: –	TYPE LC, SV, REV, 4 LEADS

CD0017A02