

# **BALDOR**® • ***RELIANCE***

## **Product Information Packet**

# **L3708T**

**5HP,1750RPM,1PH,60HZ,213T,3726LC,TEFC,F1**

Part Detail							
Revision:	G	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3726LC	Elec. Spec:	37WGT877	CD Diagram:	CD0086
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	37M326	Layout:	37LYM326
Frame:	213T	Mounting:	F1	Poles:	04	Created Date:	02-11-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	09-10-2015
Leads:	2#12 A PH,2#14 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L										
CAT.NO.	L3708T									
SPEC.	37M326T877									
HP	5									
VOLTS	230									
AMP	20.5									
RPM	1750									
FRAME	213T				HZ	60			PH	1
SER.F.	1.15		CODE	H	DES	L		CLASS	F	
NEMA-NOM-EFF	84		PF	93						
RATING	40C AMB-CONT									
CC								USABLE AT 208V	22	
DE	6307				ODE	6206				
ENCL	TEFC			SN						

**AC Induction Motor Performance Data**  
Record # 37143 - Typical performance - not guaranteed values

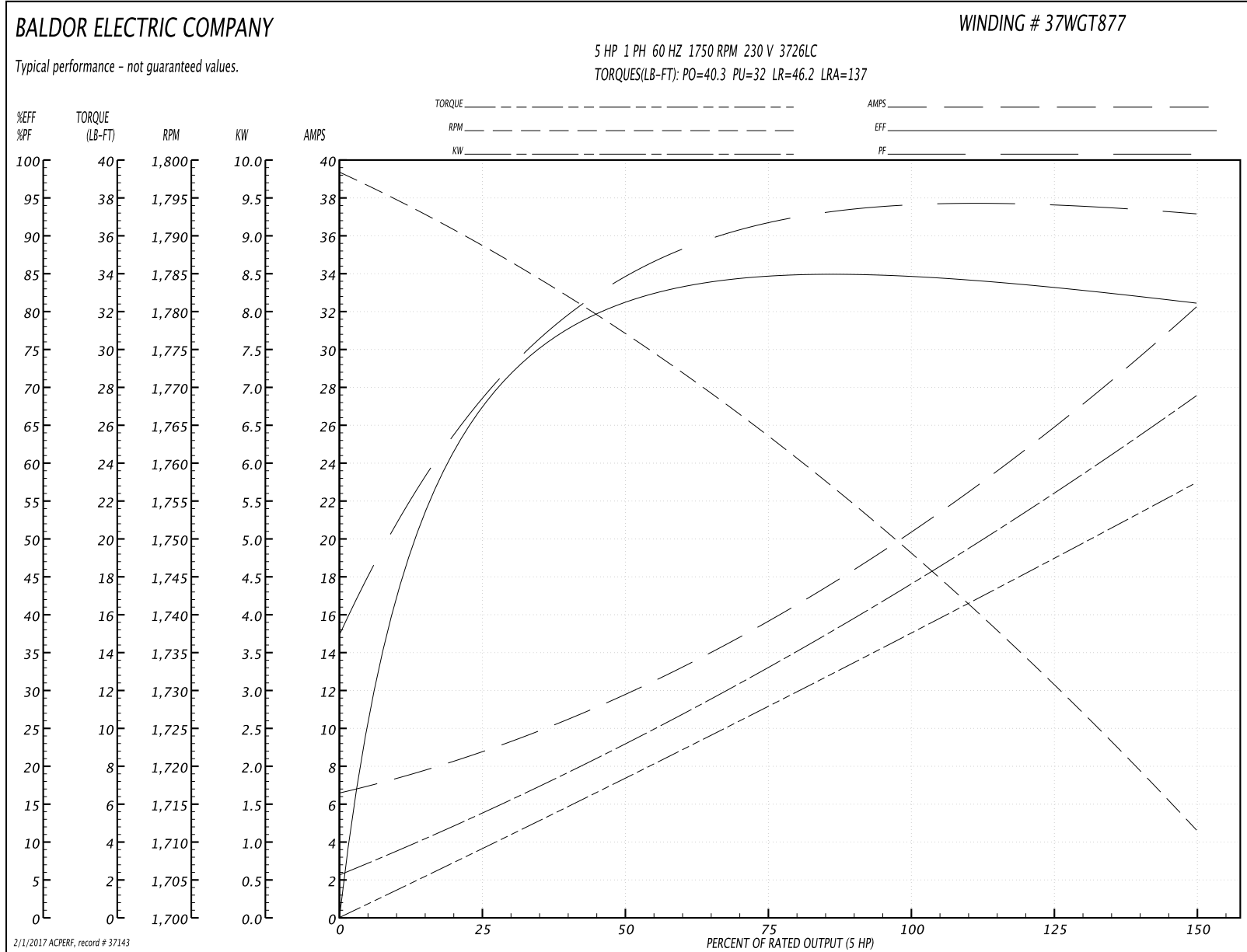
<b>Winding:</b> 37WGT877-R001	<b>Type:</b> 3726LC	<b>Enclosure:</b> TEFC
-------------------------------	---------------------	------------------------

Nameplate Data				230 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	5			Full Load Torque	15 LB-FT
Volts	230			Start Configuration	direct on line
Full Load Amps	20.5			Breakdown Torque	40.3 LB-FT
R.P.M.	1750			Pull-up Torque	32 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	46.2 LB-FT
NEMA Design Code	L	KVA Code	H	Starting Current	137 A
Service Factor (S.F.)	1.15			No-load Current	6.82 A
NEMA Nom. Eff.	84	Power Factor	93	Line-line Res. @ 25°C	0.386 Ω A Ph 1.1 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	68°C
S.F. Amps				Temp. Rise @ S.F. Load	79°C

Load Characteristics 230 V, 60 Hz, 5 HP

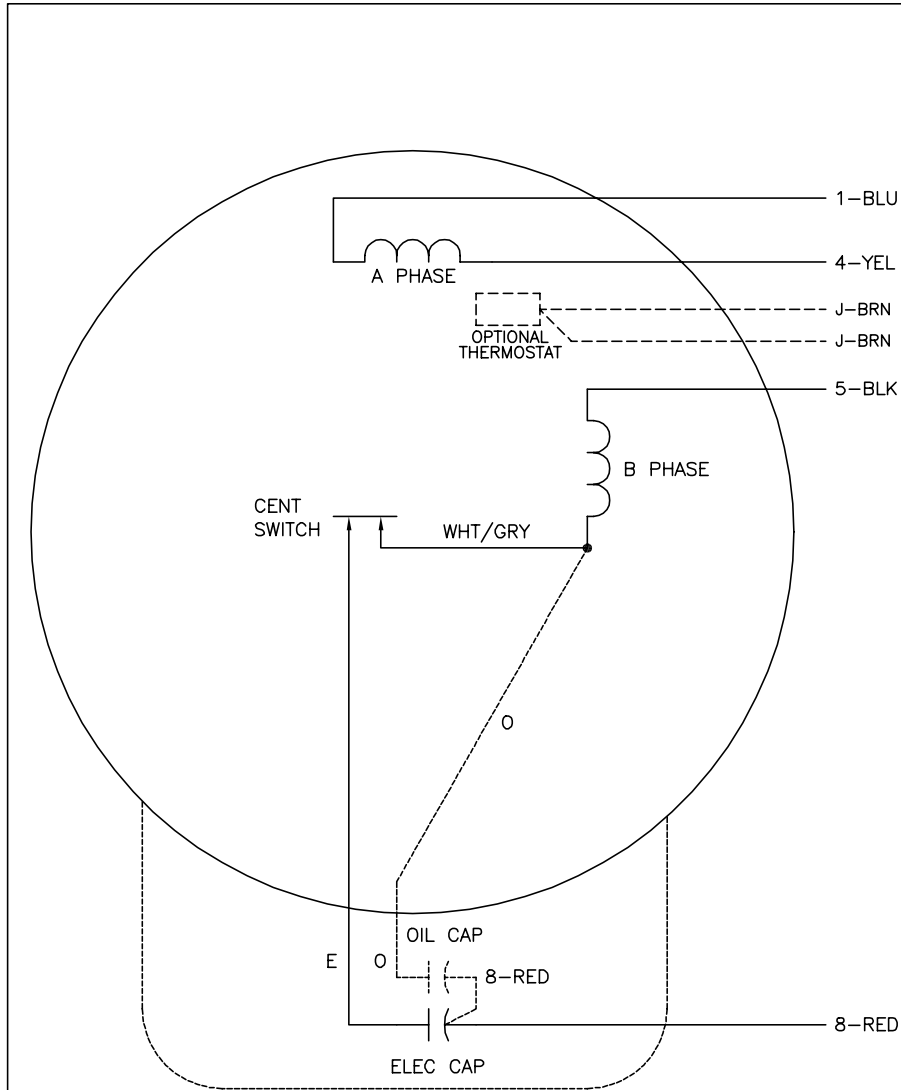
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	73	86	91	93	93	94	93
Efficiency	67	81.1	84.3	84.8	84.1	80.7	84.4
Speed	1788	1776	1764	1749	1731	1711	1738
Line amperes	8.48	11.7	15.8	20.5	25.9	32.2	23.7

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





CD0086



	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. OPTIONAL OIL CAPACITOR IS PROVIDED WHEN SPECIFIED.
5. CAPACITORS MAY BE SEPERATELY MOUNTED.
6. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: ADDED CK TO PLANT CODE			
REV. LTR: F	BY: JD	REVISED: 16:01:12 01/07/2002	TDR: 259409
98000D		FILE: AAA00026904	REF: CD0086
		MTL: -	

**BALDOR ELECTRIC Co.**

TYPE L OR LC, SV, REV, 4 LEADS, CAPS MAY BE SEP MTD

CD0086