

BALDOR® • RELIANCE

Product Information Packet

L3711T

10HP,3450RPM,1PH,60HZ,215T,3744LC,TEFC,F

Part Detail							
Revision:	F	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3744LC	Elec. Spec:	37GW578	CD Diagram:	CD0086
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	37M230	Layout:	37LYM230
Frame:	215T	Mounting:	F1	Poles:	02	Created Date:	02-09-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	09-14-2015
Leads:	2#10 A PH,2#14 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L

CAT.NO.	L3711T									
SPEC.	37M230W578									
HP	10									
VOLTS	230									
AMP	40									
RPM	3450									
FRAME	215T				HZ		60		PH	1
SER.F.	1.00			CODE	H	DES		L	CLASS	F
NEMA-NOM-EFF	82			PF	98					
RATING	40C AMB-CONT									
CC				USABLE AT 208V						
DE	6307			ODE	6206					
ENCL	TEFC		SN							

AC Induction Motor Performance Data

Record # 11882 - Typical performance - not guaranteed values

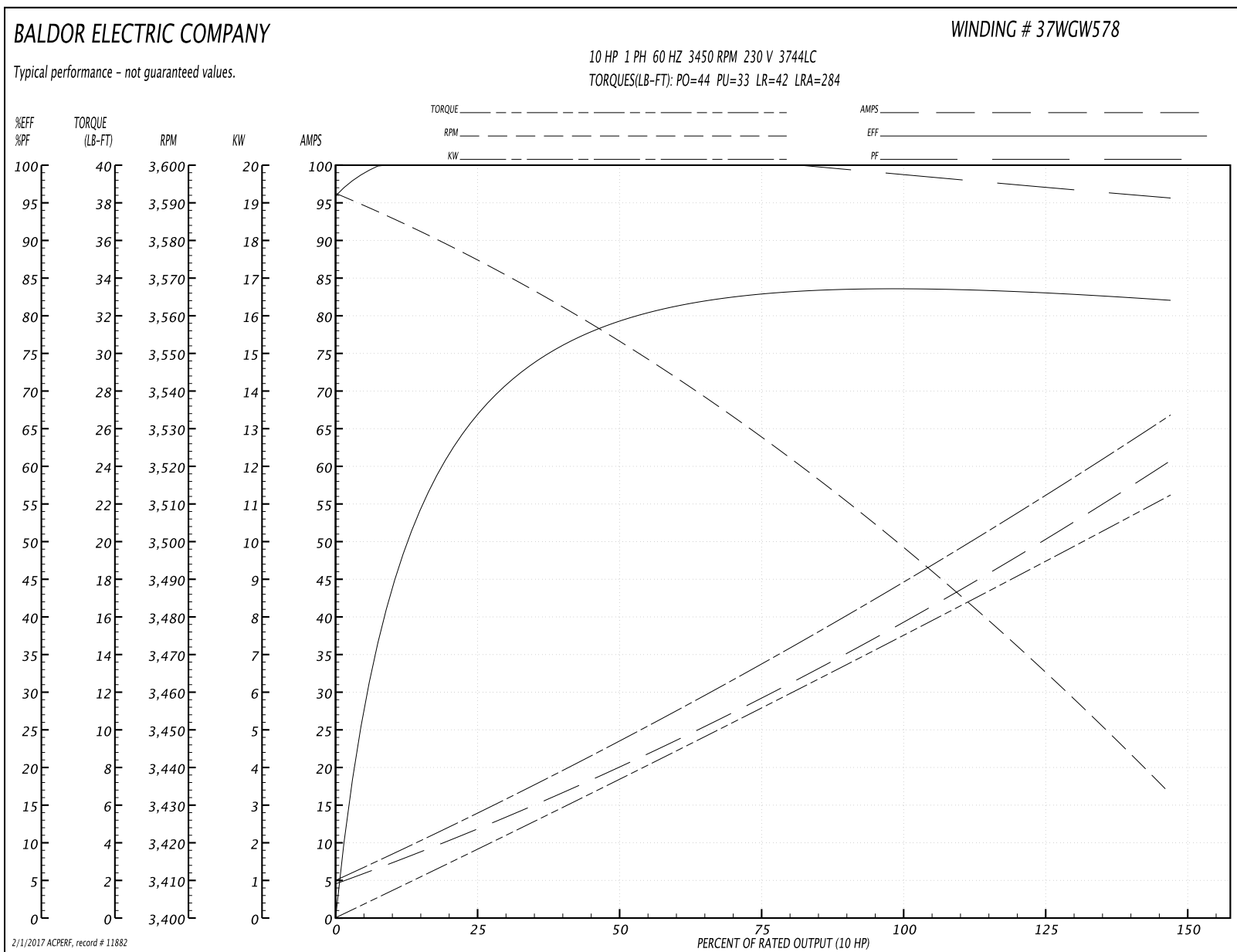
Winding: 37WGW578-R001	Type: 3744LC	Enclosure: TEFC
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Nameplate Data				230 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	10			Full Load Torque	15 LB-FT
Volts	230			Start Configuration	direct on line
Full Load Amps	40			Breakdown Torque	44 LB-FT
R.P.M.	3450			Pull-up Torque	33 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	42 LB-FT
NEMA Design Code	L	KVA Code	H	Starting Current	284 A
Service Factor (S.F.)	1			No-load Current	4.3 A
NEMA Nom. Eff.	82	Power Factor	98	Line-line Res. @ 25°C	0.174 Ω A Ph 0.681 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	102°C

Load Characteristics 230 V, 60 Hz, 10 HP

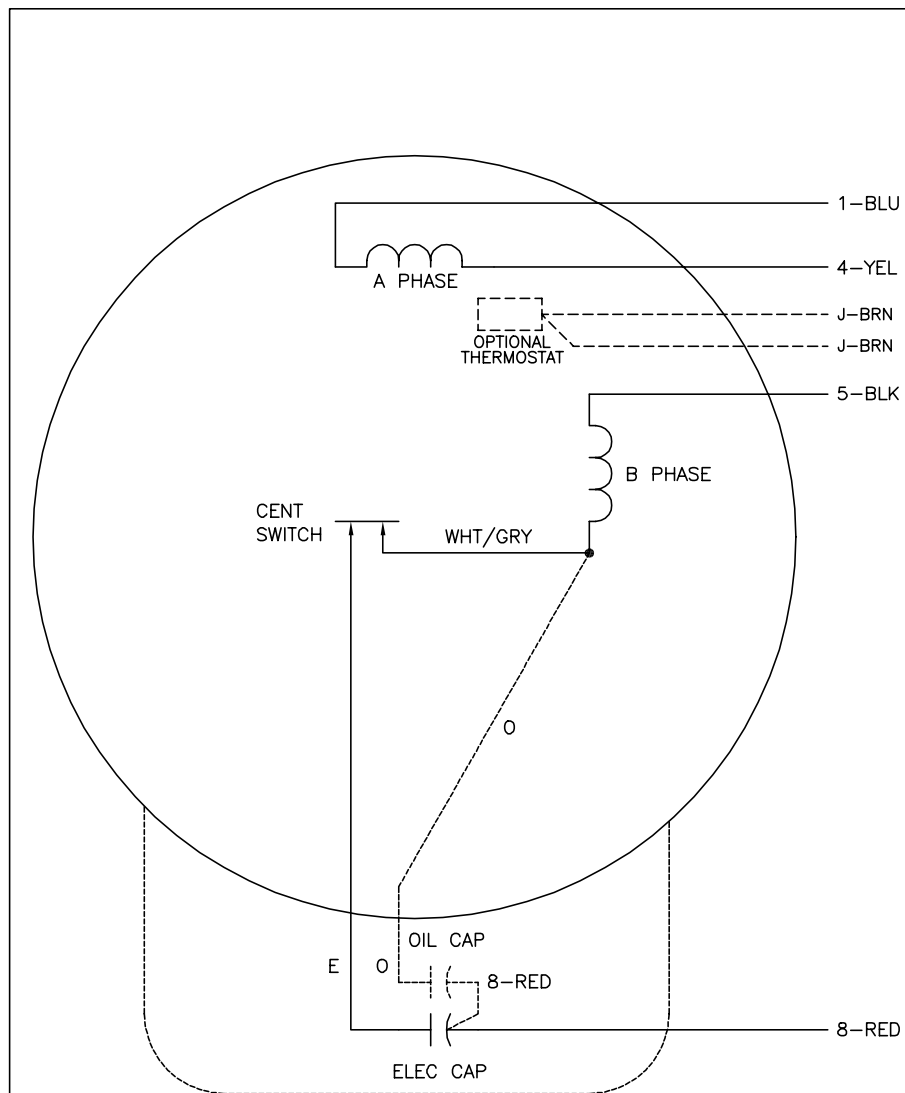
% of Rated Load	25	50	75	100	125	150
Power Factor	99	99	99	99	98	97
Efficiency	66.6	78.9	82.9	83.9	83.4	81.8
Speed	3573	3551	3527	3500	3469	3431
Line amperes	12.2	20.6	29.5	39	49.4	61.1

Performance Graph at 230V, 60Hz, 10.0HP 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

980000

FILE: AAA00026904

REF: CD0086

MTL: -

BALDOR ELECTRIC Co.

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

CD0086