

BALDOR® • **RELIANCE**

Product Information Packet

UCLE7510

7.5-10 AIR OVERHP,3450RPM,1PH,60HZ,182TZ

Part Detail							
Revision:	E	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3646LC	Elec. Spec:	36WGX955	CD Diagram:	CD0208
Enclosure:	TEAO	Mfg Plant:		Mech. Spec:	36Q215	Layout:	36LYQ215
Frame:	182TZ	Mounting:	F1	Poles:	02	Created Date:	03-06-2014
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	09-10-2015
Leads:	2#10 A PH SEE NOTES,3#16 B PH Y					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1279L										
CAT.NO.	UCLE7510									
SPEC.	36Q215X955G1									
HP	7.5-10 AIR OVER									
VOLTS	230									
AMP	38									
RPM	3450									
FRAME	182TZ					HZ	60		PH	1
SER.F.	1.00					CODE	F		DES	-
NEMA-NOM-EFF	85.5					PF	95		CL	F
RATING	40C AMB-CONT									
CC									USABLE AT 208V	28
DE	6206					ODE	6205			
ENCL	TEAO					SN				

Nameplate NP1263L	
CAT.NO.	UCLE7510
SPEC.	36Q215X955G1
HP	7.5-10 AIR OVER
VOLTS	230
AMP	38
RPM	3450
FRAME	182TZ
HZ	60
PH	1
SER.F.	1.00
CODE	F
DES	-
CL	F
NEMA-NOM-EFF	85.5
PF	95
RATING	40C AMB-CONT
CC	USABLE AT 208V 28
DE	6206
ODE	6205
ENCL	TEAO
SN	

AC Induction Motor Performance Data

Record # 11173 - Typical performance - not guaranteed values

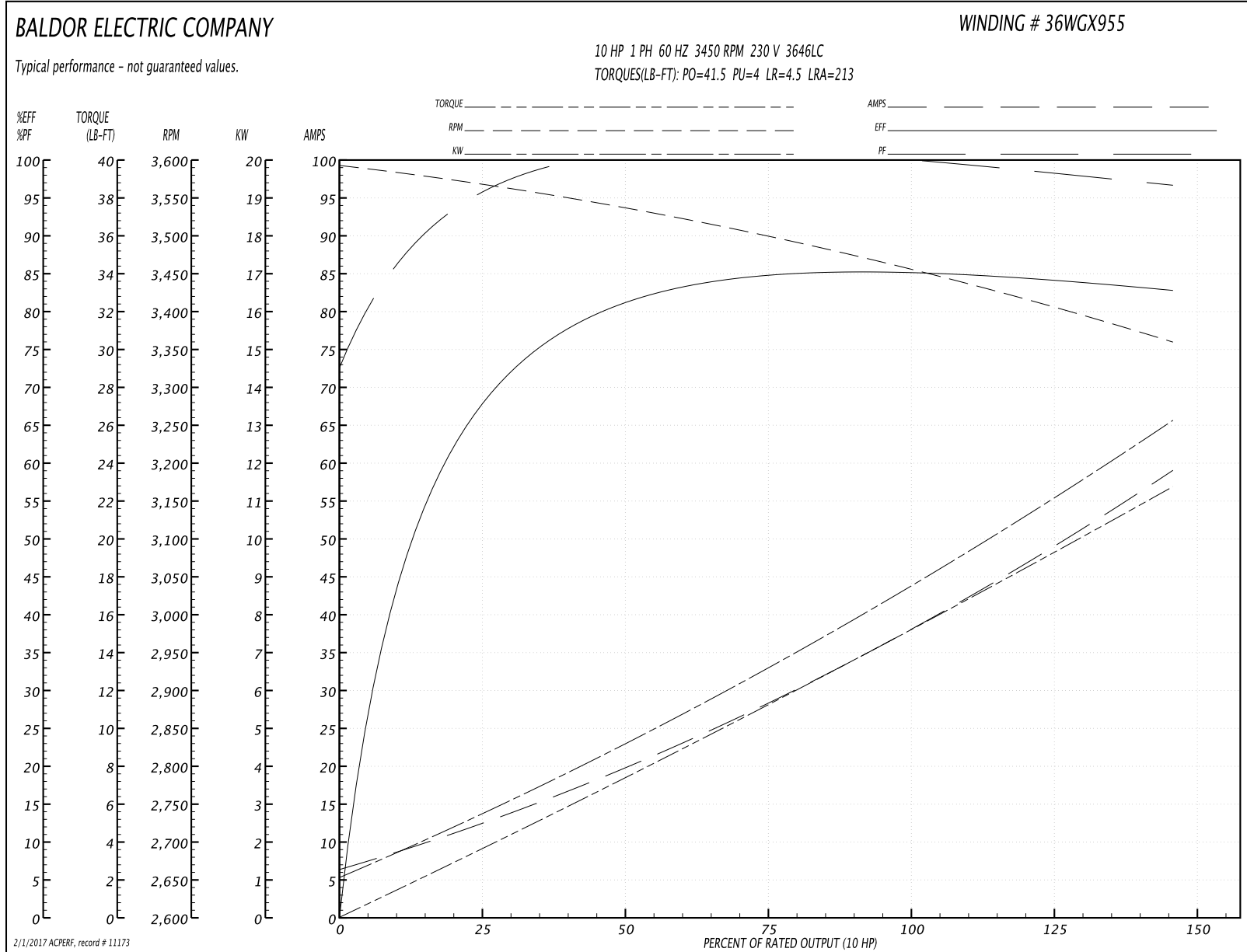
Winding: 36WGX955-R001	Type: 3646LC	Enclosure: TEAO
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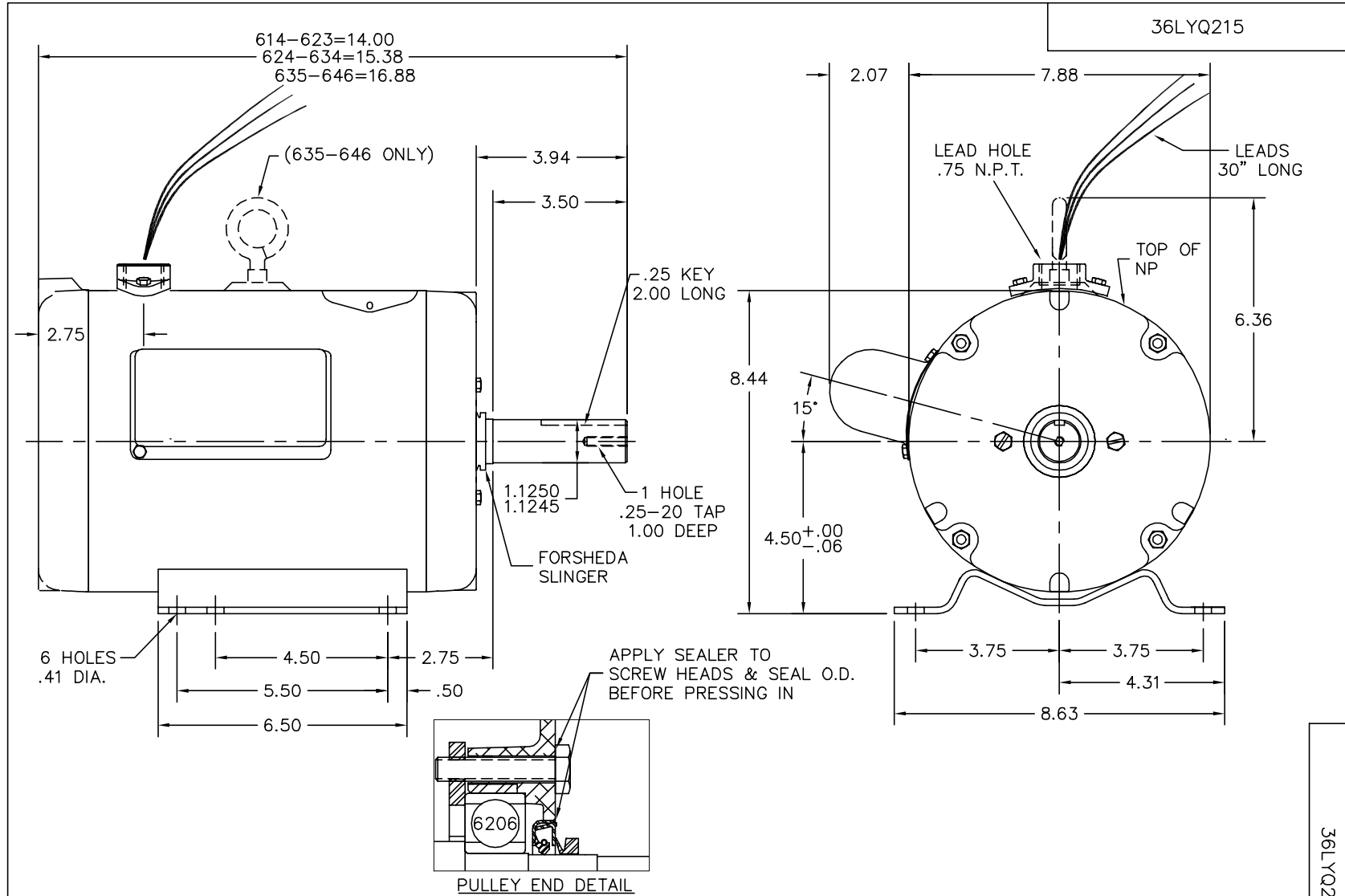
Nameplate Data				230 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	7.5-10 AIR OVER			Full Load Torque	15.2 LB-FT
Volts	230			Start Configuration	direct on line
Full Load Amps	38			Breakdown Torque	41.5 LB-FT
R.P.M.	3450			Pull-up Torque	4 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	4.5 LB-FT
NEMA Design Code	-	KVA Code	F	Starting Current	213 A
Service Factor (S.F.)	1			No-load Current	6.2 A
NEMA Nom. Eff.	85.5	Power Factor	95	Line-line Res. @ 25°C	0.202 Ω A Ph 0.319 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	

Load Characteristics 230 V, 60 Hz, 10 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	95	99	99	99	99	99
Efficiency	67.3	80.6	84.8	85.7	84.7	82.4
Speed	3565	3533	3498	3458	3412	3357
Line amperes	12.8	20.4	28.8	37.9	47.9	59.4

Performance Graph at 230V, 60Hz, 10.0HP Typical performance - Not guaranteed values





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

REV. DESC: CHG FREP TO 36EP3104A46		
REV. LTR: B	VERSION: 02	TDR: 000000919753
FILE: \AAA\00207\435	REVISED: 08:56:53 05/06/2015	BY: FGCHAH1
MTL: -		

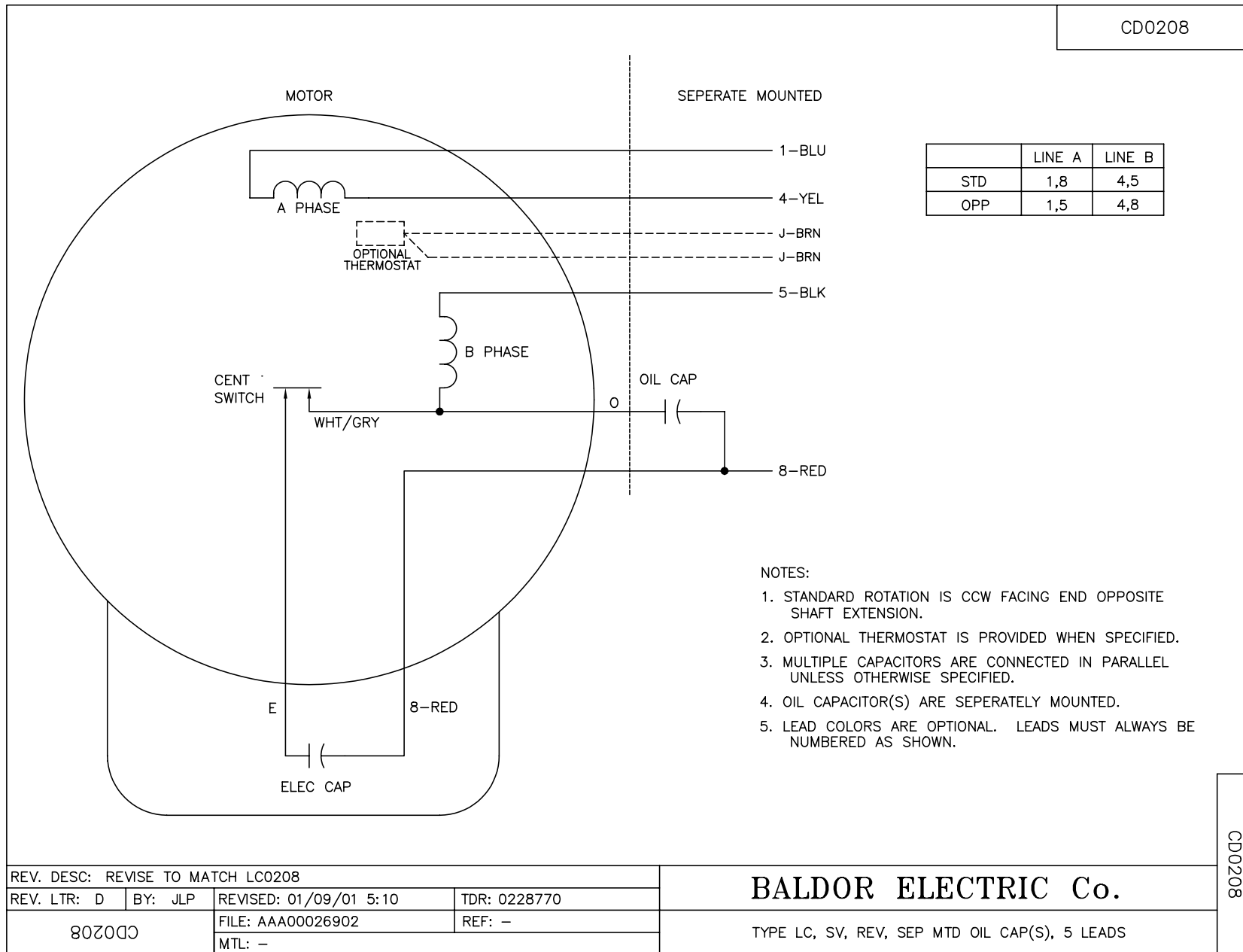
BALDOR

HOR 182-4TZ TENV 36L-LC CROP DRYER T'STATS, CAP.CAN @10 SEAL

SH 1 of 1

36LYQ215

CD0208



REV. DESC: REVISE TO MATCH LC0208			
REV. LTR: D	BY: JLP	REVISED: 01/09/01 5:10	TDR: 0228770
80200		FILE: AAA00026902	REF: -
		MTL: -	

BALDOR ELECTRIC Co.

TYPE LC, SV, REV, SEP MTD OIL CAP(S), 5 LEADS

CD0208