

BALDOR® • RELIANCE

Product Information Packet

L3708TM

5HP, 1725RPM, 1PH, 60HZ, 213T, 3744LC, TEFC, F1

Part Detail							
Revision:	AS	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3744LC	Elec. Spec:	37WG0679	CD Diagram:	CD0002A02
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	37E039	Layout:	37LYE039
Frame:	213T	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	01-19-2017
Leads:	2#12 A PH,3#14 B&J					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1257L	
CAT.NO.	L3708TM
SPEC.	37E39-679
HP	5
VOLTS	230
AMP	21.5
RPM	1725
FRAME	213T
SER.F.	1.00
NEMA-NOM-EFF	82
RATING	40C AMB-CONT
CC	
DE	6307
ENCL	TEFC
CODE	J
PF	87
HZ	60
DES	L
CL	F
PH	1
ODE	6206
SN	
USABLE AT 208V	

AC Induction Motor Performance Data

Record # 61347 - Typical performance - not guaranteed values

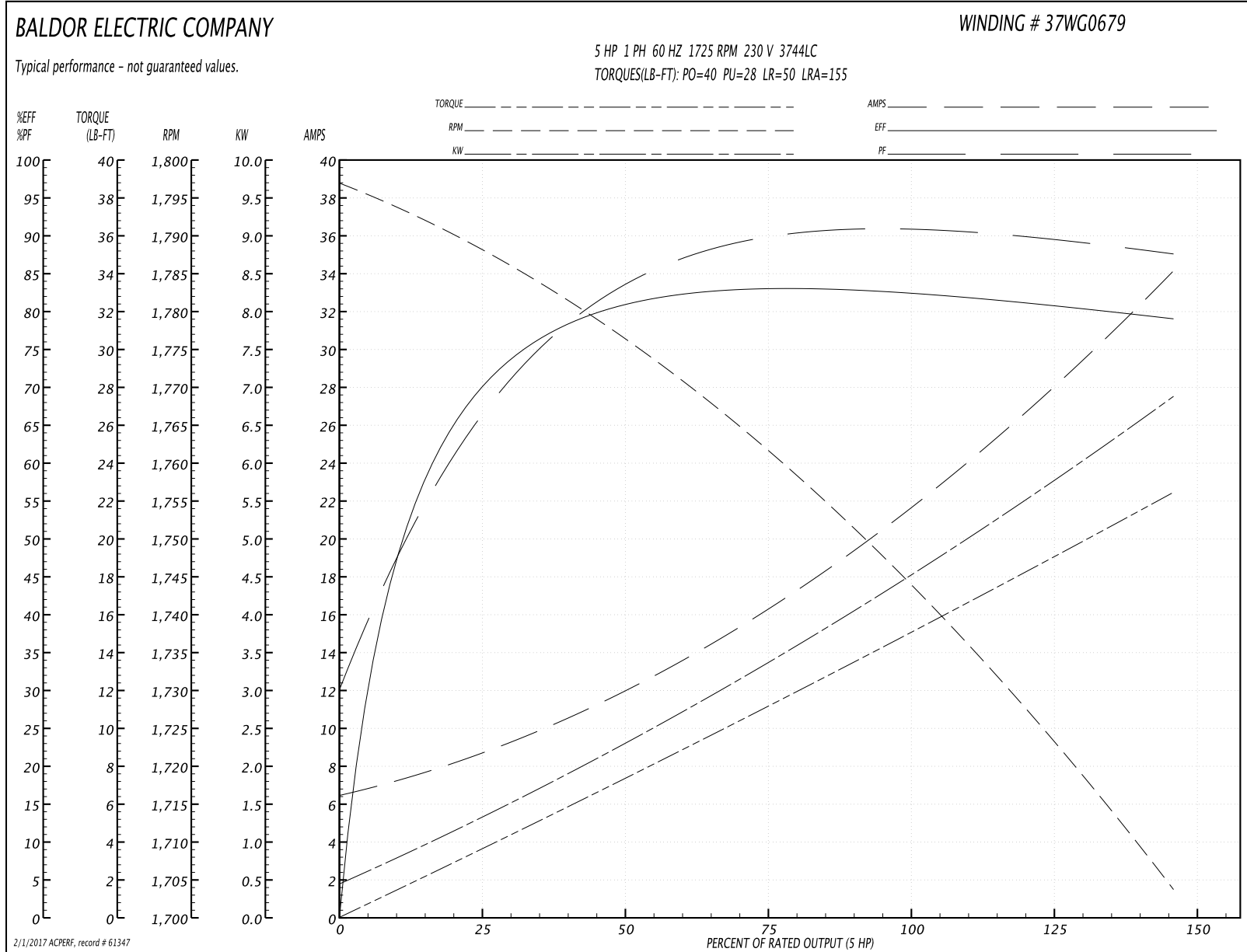
Winding: 37WG0679-R002	Type: 3744LC	Enclosure: TEFC
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Nameplate Data				230 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	5			Full Load Torque	15 LB-FT
Volts	230			Start Configuration	direct on line
Full Load Amps	21.5			Breakdown Torque	40 LB-FT
R.P.M.	1725			Pull-up Torque	28 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	50 LB-FT
NEMA Design Code	L	KVA Code	J	Starting Current	155 A
Service Factor (S.F.)	1			No-load Current	6.5 A
NEMA Nom. Eff.	82	Power Factor	87	Line-line Res. @ 25°C	0.464 Ω A Ph 2.17 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	69°C

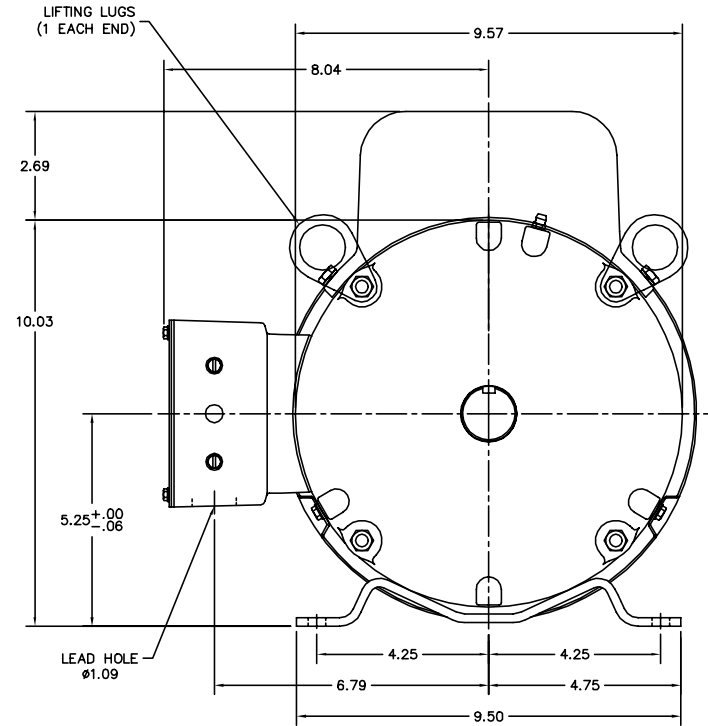
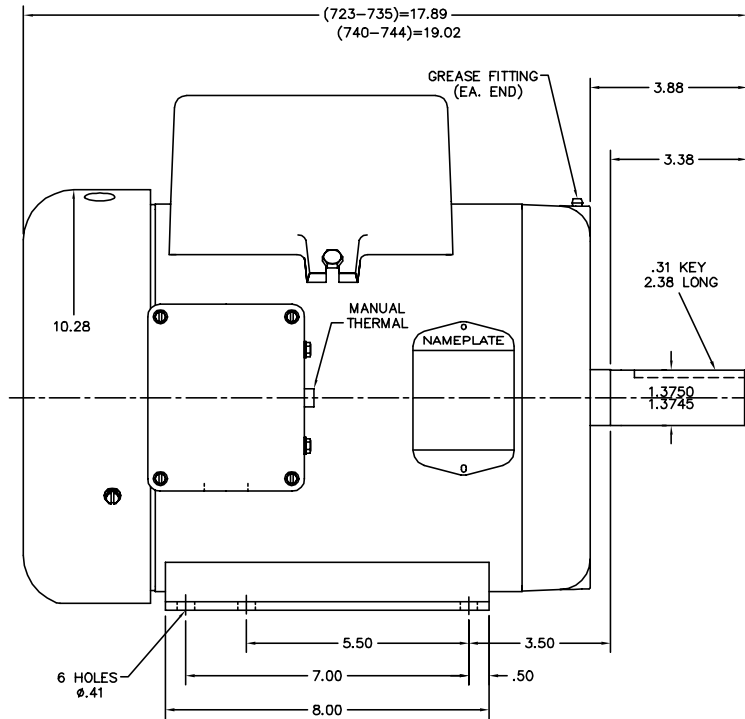
Load Characteristics 230 V, 60 Hz, 5 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	68	83	89	91	91	90
Efficiency	69.2	80	82.9	83	81.5	78.6
Speed	1787	1775	1761	1745	1727	1702
Line amperes	8.6	12.2	16.5	21.6	27.3	34.3

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



37LYE039



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

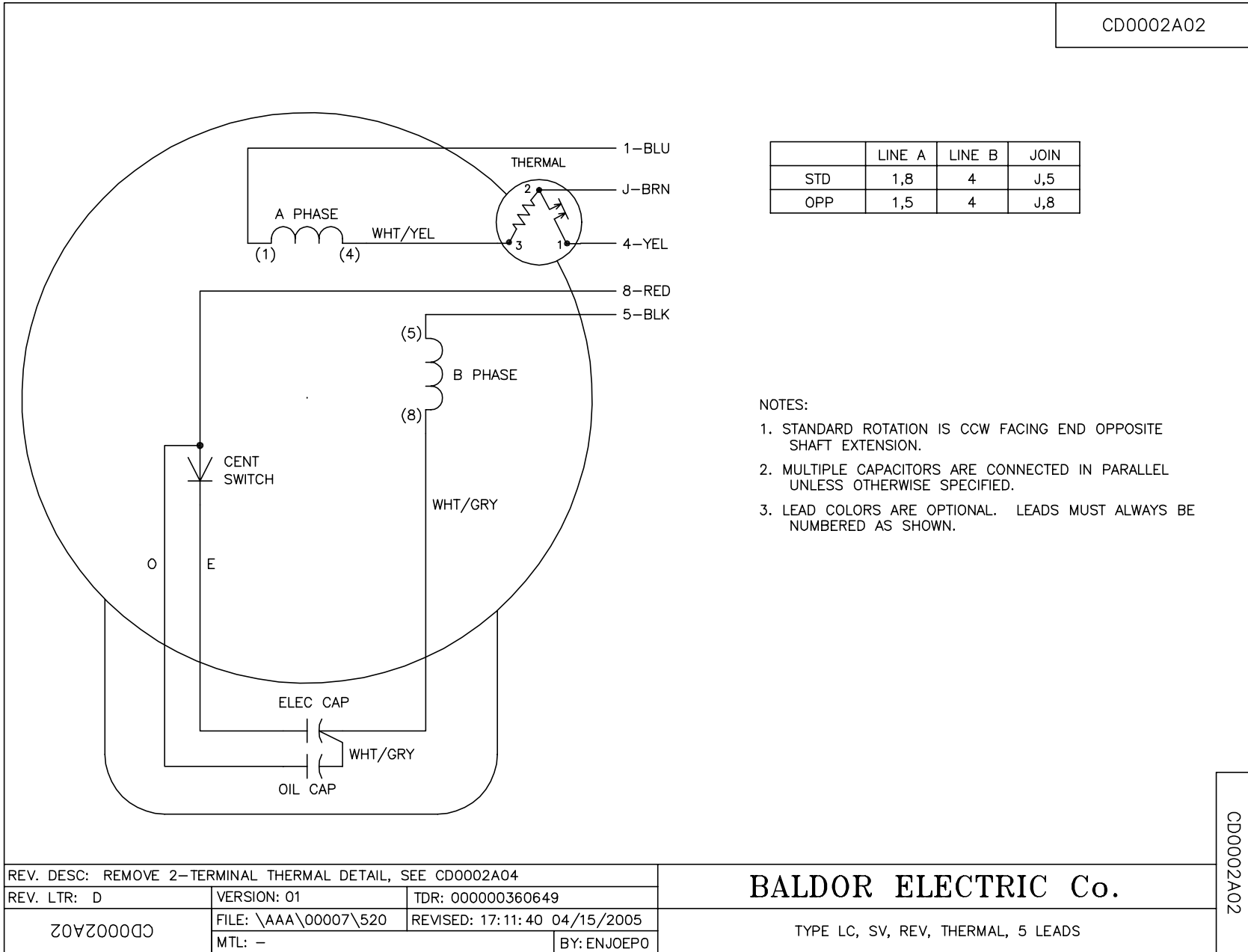
REV. DESC: ADD LIFTING LUGS			
REV. LTR: E	BY: JF	REVISED: 08:38:48 05/20/2004	TDR: 327402
FILE: AAA00007744		REF: 37LYE039	
MTL: -			

BALDOR ELECTRIC Co.

STD HORZ 213-5T TEFC 37LC W/1.25 BE MANUAL THERMAL

37LYE039

CD0002A02



CD0002A02

REV. DESC: REMOVE 2-TERMINAL THERMAL DETAIL, SEE CD0002A04		
REV. LTR: D	VERSION: 01	TDR: 000000360649
Z0VZ000003 CD0002A02	FILE: \AAA\00007\520	REVISED: 17:11:40 04/15/2005
	MTL: -	BY: ENJOEPO

BALDOR ELECTRIC Co.

TYPE LC, SV, REV, THERMAL, 5 LEADS