

BALDOR® • RELIANCE

Product Information Packet

L1430TM

5HP, 1725RPM, 1PH, 60HZ, 184T, 3634LC, ODTF

Copyright © All product information within this document is subject to Baldor Electric Company copyright © protection, unless otherwise noted.

Part Detail							
Revision:	L	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3634LC	Elec. Spec:	36WGX262	CD Diagram:	
Enclosure:	ODTF	Mfg Plant:		Mech. Spec:	36K761	Layout:	
Frame:	184T	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	05-01-2012
Leads:	2#10 A PH,3#16 B&J	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1257L									
CAT.NO.	L1430TM								
SPEC.	36K761X262G1								
HP	5								
VOLTS	230								
AMP	24								
RPM	1725								
FRAME	184T	HZ			60	PH	1		
SER.F.	1.15	CODE			H	DES	L	CL	F
NEMA-NOM-EFF	80	PF			86				
RATING	40C AMB-CONT								
CC	USABLE AT 208V			25.5					
DE	6206	ODE			6205				
ENCL	ODTF	SN							

Parts List		
Part Number	Description	Quantity
SA104932	SA 36K761X262G1	1.000 EA
RA096750	RA 36K761X262G1	1.000 EA
OC3040F09SP	CYL OIL CAP 40MFD/370V	1.000 EA
TPBRT25DB	THERMAL 1PH 1.25 MAN 120CWELDED	1.000 EA
EC1216C06SP	ELEC CAP, 216-259 MFD, 250V, 2.06D X 4.	2.000 EA
TP5059	GENERIC THERMAL KIT	1.000 EA
36CB1000A22	CONDUIT BOX, MACH	1.000 EA
37GS1000SP	GASKET, CONDUIT BOX STD., .06 THICK LEXI	1.000 EA
HA6015A08	THERMAL RETAINER (PLATED)	1.000 EA
51XB1214A10	12-14 X 5/8HX WS SL SR TYBX	2.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
RM1015	BOOT FOR MANUAL THERMALS	1.000 EA
36EP3200A03	SPL FR ENDPLATE -OPEN- FOR EXT FAN & DRI	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
13XF0832A08	8-32 X.50 PAN HD,SLTD, TYPE F SCREW, ZIN	2.000 EA
SP1008A01	BAFFLE, MODEL 36 & 37	1.000 EA
10XN2520A12	O1/4-20X 3/4 HEX HEAD CAP	2.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP3201A01	PU ENDPLATE, MACH 182-4T	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
XY2520A12	1/4-20 HEX NUT, DIRECTIONAL SERRATIONS	4.000 EA
36FN3000A01SP	EXFN, PLASTIC, 7.00 OD, .912 ID	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
36FH4012A01	DRIP COVER NOTCH BOTTOM, W/ AUTOPHERETIC	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
36CB4516	36 LIPPED CB LID	1.000 EA
37GS1001SP	GASKET, CONDUIT BOX LID, .06 THICK LEXID	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501E16	3KEY, 1/4 SQ X 1.750	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
LB1087	LABEL,MANUAL RESET (ROLL LABEL)	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
36CB3800SP	CAPACITOR COVER, CAST	1.000 EA
HA7010A01	CAPACITOR RETENTION CLAMP, 6.562 LONG	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.022 GA
SP5064A01	MODEL 36 TYPE LC STATIONARY SWITCH LEAD	1.000 EA
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	6.000 EA
HA3101A25	THRUBOLT 1/4-20 X 11.000 OHIO ROD	4.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0002	CONNECTION LABEL	1.000 EA
NP1257L	ALUM UL CSA CC THERMAL REV MTG	1.000 EA
36PA1001	PACKAGING GROUP	1.000 EA

Accessories		
Part Number	Description	Multiplier
36-3403	C FACE KIT	A8
36EP1405A09SP	D-FLANGE KIT	A8

Performance Data at 230V, 60Hz, 5.0HP (Typical performance - Not guaranteed values)

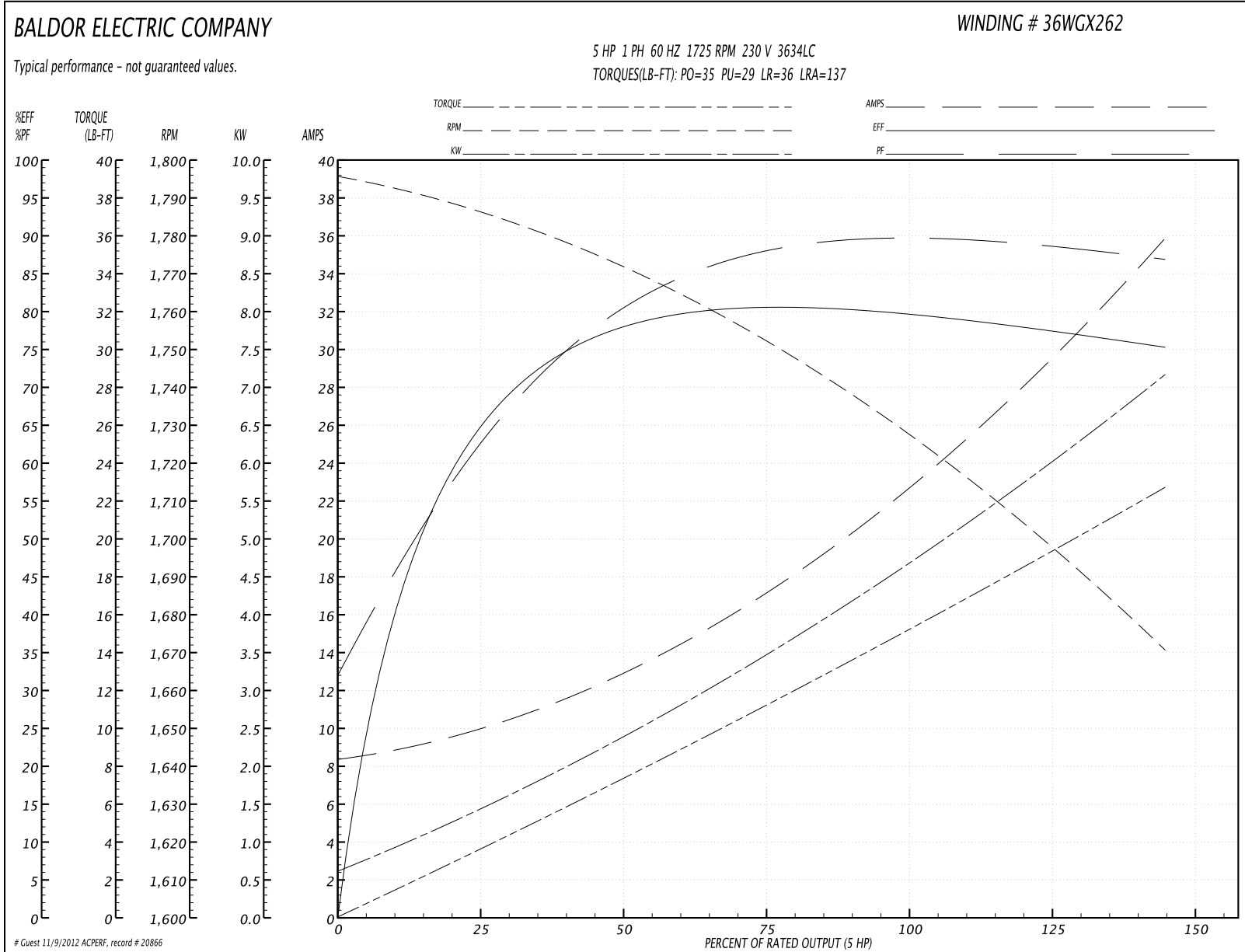
General Characteristics

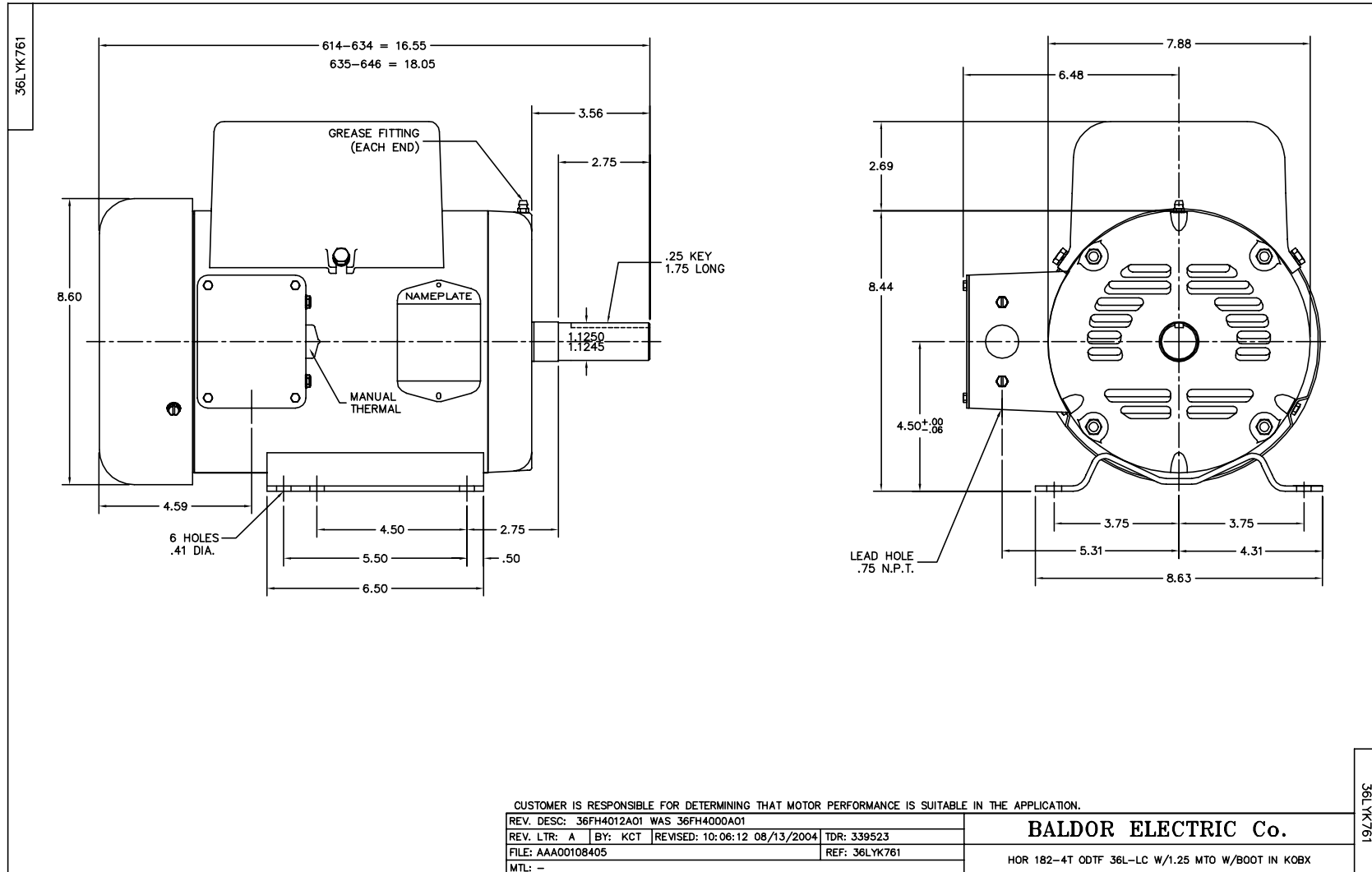
Full Load Torque:	15.2 LB-FT	Start Configuration:	DOL
No-Load Current:	8.2 Amps	Break-Down Torque:	35.0 LB-FT
Line-line Res. @ 25°C.:	0.494 Ohms A Ph / 1.73 Ohms B Ph	Pull-Up Torque:	29.0 LB-FT
Temp. Rise @ Rated Load:	84 C	Locked-Rotor Torque:	36.0 LB-FT
Temp. Rise @ S.F. Load:	102 C	Starting Current:	137.0 Amps

Load Characteristics

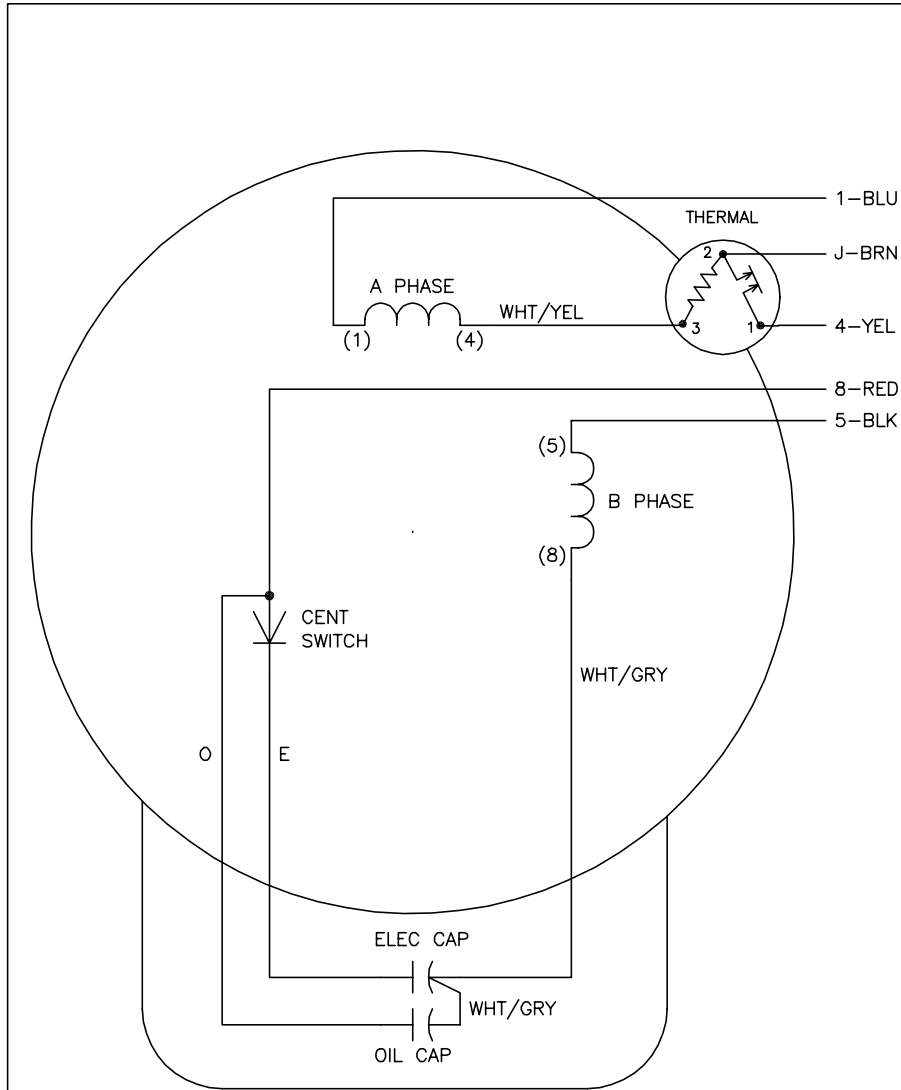
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	63.0	79.0	87.0	90.0	91.0	90.0	0.0
Efficiency:	63.7	76.5	80.3	80.6	78.7	74.5	0.0
Speed:	1784.0	1768.0	1751.0	1730.0	1704.0	1667.0	0.0
Line Amperes:	10.1	13.4	17.5	22.5	28.5	36.3	26.1

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





CD0002A02



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

NOTES:

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

REV. DESC: REMOVE 2-TERMINAL THERMAL DETAIL, SEE CD0002A04			
REV. LTR: D	VERSION: 01	TDR: 000000360649	
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

CD0002A02