

BALDOR® • RELIANCE

Product Information Packet

EHM2547T

60HP,1775RPM,3PH,60HZ,364T,4272M,OPSB,F1

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Part Detail									
Revision:	L	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	4272M	Elec. Spec:	42WGW434	CD Diagram:			
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	42H067	Layout:			
Frame:	364T	Mounting:	F1	Poles:	04	Created Date:	06-16-2006		
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	07-05-2012		
Leads:	9#8	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP2094E06B03									
CAT.NO.	EHM2547T								
SPEC.	42H067W434G1								
HP	60								
VOLTS	208-230/460								
AMPS	144-136/68								
RPM	1775								
FRAME	364T	HZ			60	PH	3		
SER.F.	1.15	CODE			G	DES	B	CL	F
NEMA-NOM-EFF	95	PF			88				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V							
DE	6313	ODE			6311				
AUTO		MANUAL				NONE			
ENCL	OPSB	SN							
BLANK									

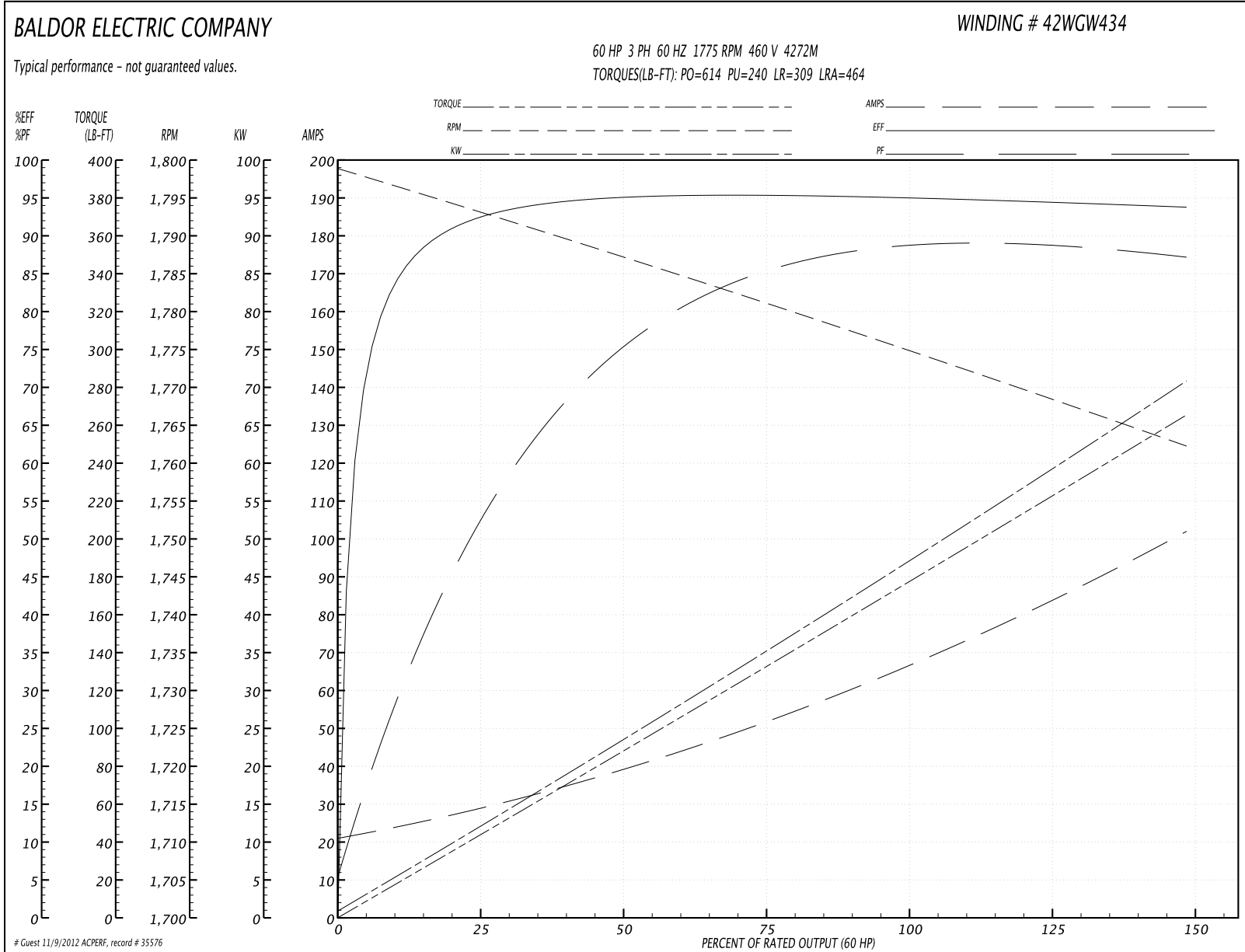
Parts List		
Part Number	Description	Quantity
SA144250	SA 42H067W434G1	1.000 EA
RA133452	RA 42H067W434G1	1.000 EA
S/P107-000-004	SUPER-E(284 FR. & UP)-CL PLANT,POLYREX E	1.000 EA
HA6360	LIFTING LUG FOR 42 FRAME MOTORS.	2.000 EA
42CB4000A01	CONDUIT BOX 40, STAMPED	1.000 EA
19XW2520A08	SCREW,1/4-20X1/2 TAPTITE-II OR ROLOC 91	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
WD1000B16	KPA-4C BURNDY TERMINAL	1.000 EA
42EP3200A01	FR ENDPLATE, MACH 324-6T	1.000 EA
HW5100A13	W4627-047 WVY WSHER	1.000 EA
42EP1202A13	PUEP MODEL 42 313 BRG FOR 1/2 SH GND MTG	1.000 EA
10XN3816K44	3/8-16 X 2.75 HEX HD CAP SCREW, GRADE 5	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
XY5013A12	NUT,1/2-13,HEX,STEEL,ZINCPLATED	8.000 EA
42CB4500A01	CONDUIT BOX LID 42, STAMPED, AUTOPHORETI	1.000 EA
51XF2520A08	SCREW, HEX SER SLT HD, ZN 1/4-20 X .50 L	2.000 EA
HW2501J36	KEY, 5/8 SQ X 4.250	1.000 EA
84XN0540J08	5-40 X 1/2" SHCS, BLACK OXIDE	2.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	2.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.030 LB
HW4500A20	1/8NPT SL PIPE PLUG	2.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.080 GA
HA3151A09	THRUBOLT STUD 1/2-13 X 22.000	4.000 EA
42AD2001A01	BAFFLE PLATE 42 OPEN, SLOTTED BAND MTRS	1.000 EA

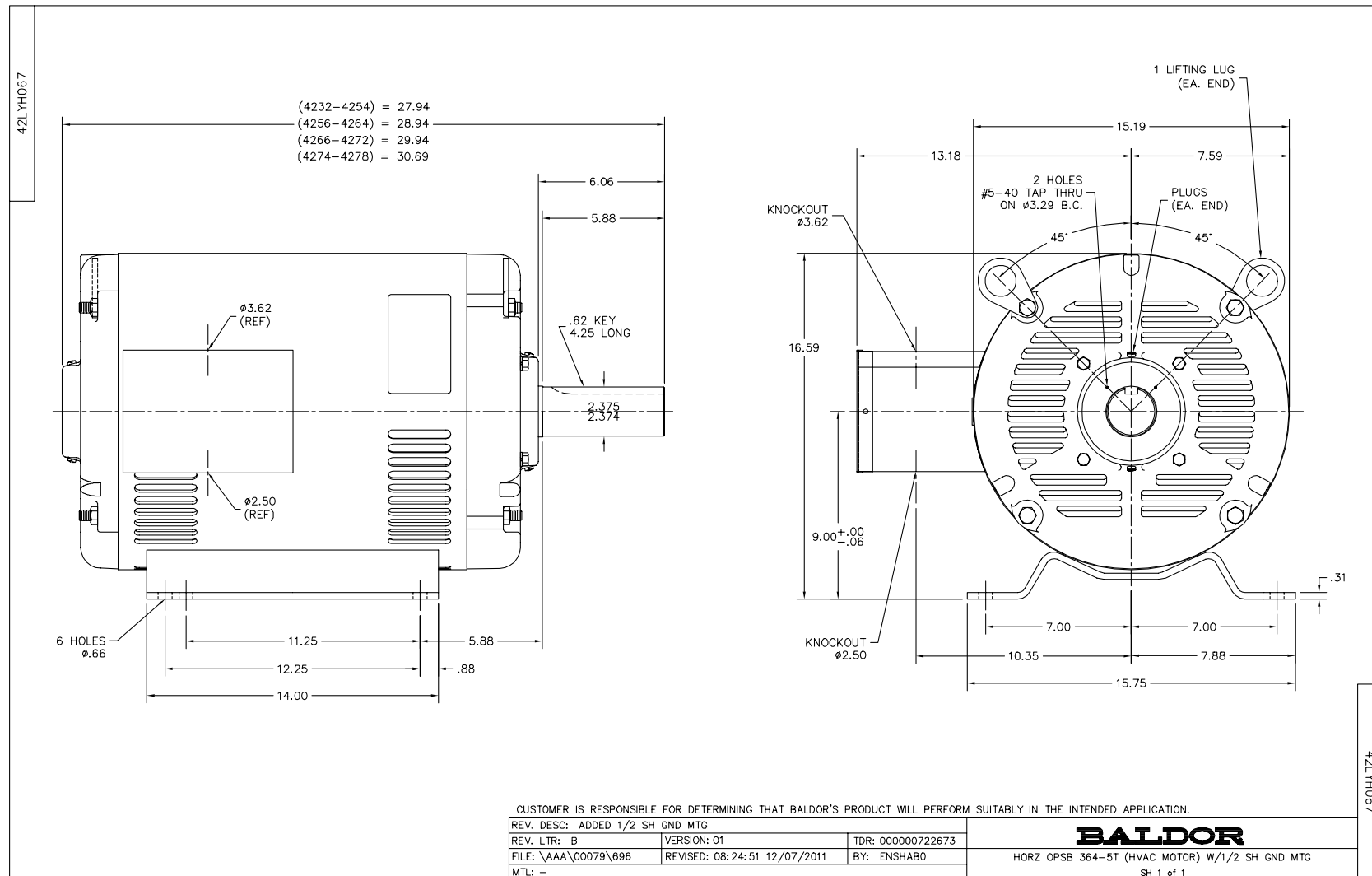
Parts List (continued)		
Part Number	Description	Quantity
42AD2001A01	BAFFLE PLATE 42 OPEN, SLOTTED BAND MTRS	1.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	4.000 EA
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA
NP2094E06B03	NP LABEL W/BARCODE (PREM EFF HVAC MTR)	1.000 EA
42PA1000	PACKAGING GROUP 42 FRAME PK1024A06	1.000 EA

Performance Data at 460V, 60Hz, 60.0HP (Typical performance - Not guaranteed values)

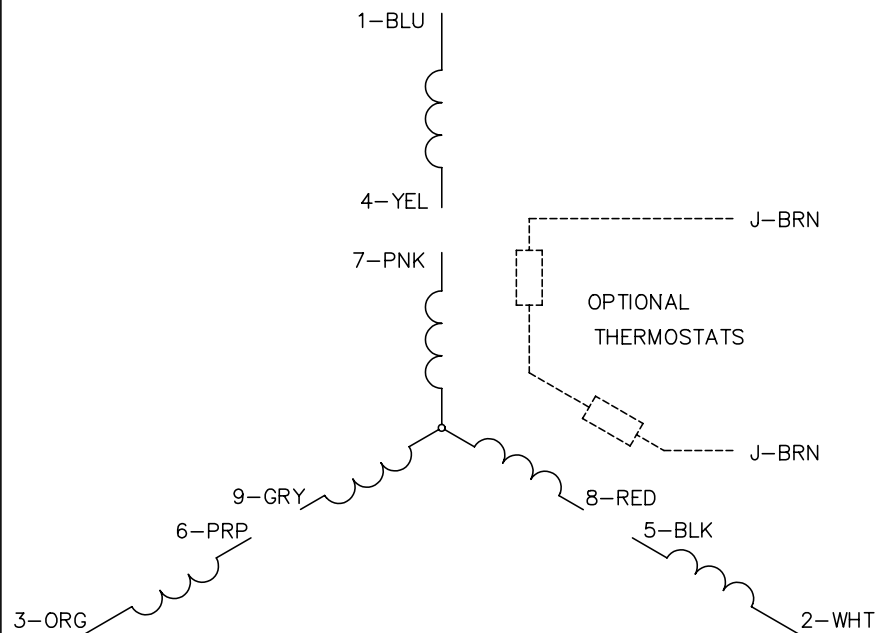
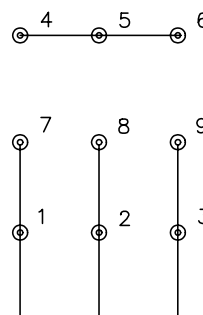
General Characteristics							
Full Load Torque:		177.0 LB-FT		Start Configuration:		DOL	
No-Load Current:		22.2 Amps		Break-Down Torque:		614.0 LB-FT	
Line-line Res. @ 25°C.:		0.0887 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		240.0 LB-FT	
Temp. Rise @ Rated Load:		31 C		Locked-Rotor Torque:		309.0 LB-FT	
Temp. Rise @ S.F. Load:		41 C		Starting Current:		464.0 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	56.0	77.0	85.0	88.0	89.0	89.0	88.0
Efficiency:	92.6	94.9	95.3	95.0	94.6	93.7	94.8
Speed:	1793.0	1787.0	1781.0	1775.0	1769.0	1762.0	1771.0
Line Amperes:	27.3	38.7	52.1	67.5	83.6	101.3	77.1

Performance Graph at 460V, 60Hz, 60.0HP Typical performance - Not guaranteed values

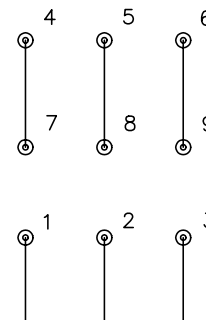




CD0005


 LOW VOLTAGE
(2Y)


LINE

 HIGH VOLTAGE
(1Y)


LINE

NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: E

BY: JLP

REVISED: 01/19/99 10:15

TDR: 0171435

9000D0

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005