

BALDOR® • RELIANCE

Product Information Packet

IDNM2237T

7.5HP,1760RPM,3PH,60HZ,254TC,0932M,TENV

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Part Detail									
Revision:	Q	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	0932M	Elec. Spec:	09WGY362	CD Diagram:			
Enclosure:	TENV	Mfg Plant:		Mech. Spec:	09F278	Layout:			
Frame:	254TC	Mounting:	F1	Poles:	04	Created Date:			
Base:	RG	Rotation:	R	Insulation:	H	Eff. Date:	11-01-2011		
Leads:	9#12	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1163L									
CAT NO		IDNM2237T							
SPEC.		09F278Y362G1							
FRAME		254TC		HP		7.5 TE			
VOLTS		230/460							
MAG CUR		7.2/3.6		FLA		18.2/9.1			
RPM		1765		RPM MAX		5000			
HZ		60		PH		3		CLASS H	
SER.F.		1.00		DES		B		SL HZ 1	
NEMA-NOM-EFF		90.2		WK2		1.4			
BLWR V				PH				HZ A	
RATING		40C AMB-CONT							
DE BRG		6309		ODE BRG		6208			
CC				SN					

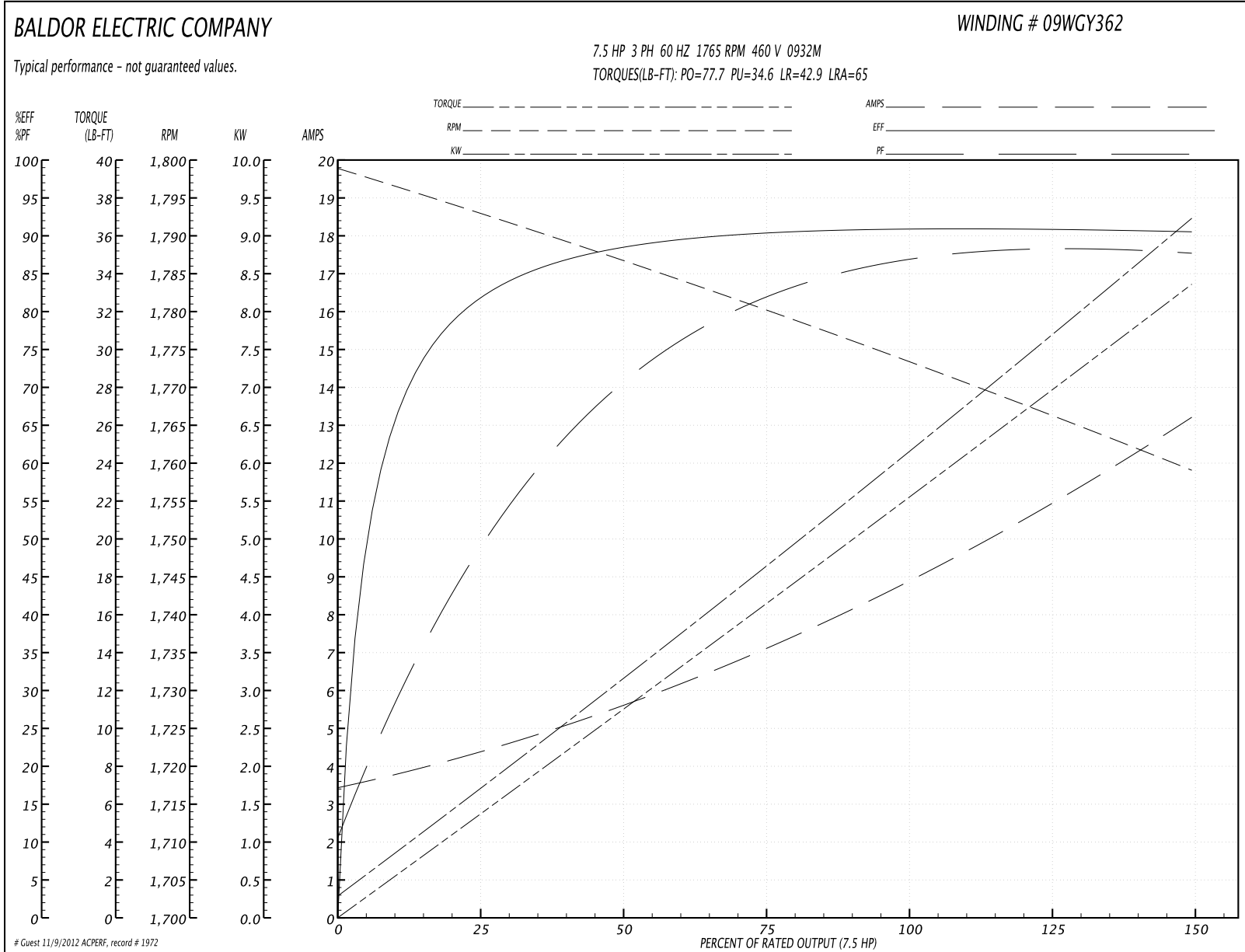
Parts List		
Part Number	Description	Quantity
SA110781	SA 09F278Y362G1	1.000 EA
RA102167	RA 09F278Y362G1	1.000 EA
HW1002A63	WASHER, 5/8 HI-COLLAR SPRCKWASHER	1.000 EA
09CB3002SP	CB W/1.38 LEAD HOLE FOR 37, 39, 307 & 30	1.000 EA
09GS1000SP	GASKET-CONDUIT BOX, 1/16 THICK LEXIDE	1.000 EA
10XN2520K12	1/4-20 X.75 GRD 5	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
WD1000B17	KPA-8C BURNDY TERMINAL	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
09EP1100A119	FREP TEBC/TENV W/THRU SHAFT ENCODER DESI	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
10XN2520K12	1/4-20 X.75 GRD 5	1.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	1.000 EA
XY3816A12	3/8-16 FINISHED NUT	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
HW5100A08	W3118-035 WVY WSHR (WB)	1.000 EA
10XN2520K28	1/4-20 X 1.75" HX HD SCRWGRADE 5, ZINC P	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
10XN2520K36	1/4-20 X 2.25" HX HD SCRWGRADE 5, ZINC P	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
09EP1300A12	ENDPLATE, MACH	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HW4600B44SP	V-RING SLINGER 1.500 X 2.290 X 0.280	1.000 EA
HA3113A03	THRUBOLT 3/8-16 X 14.125	4.000 EA

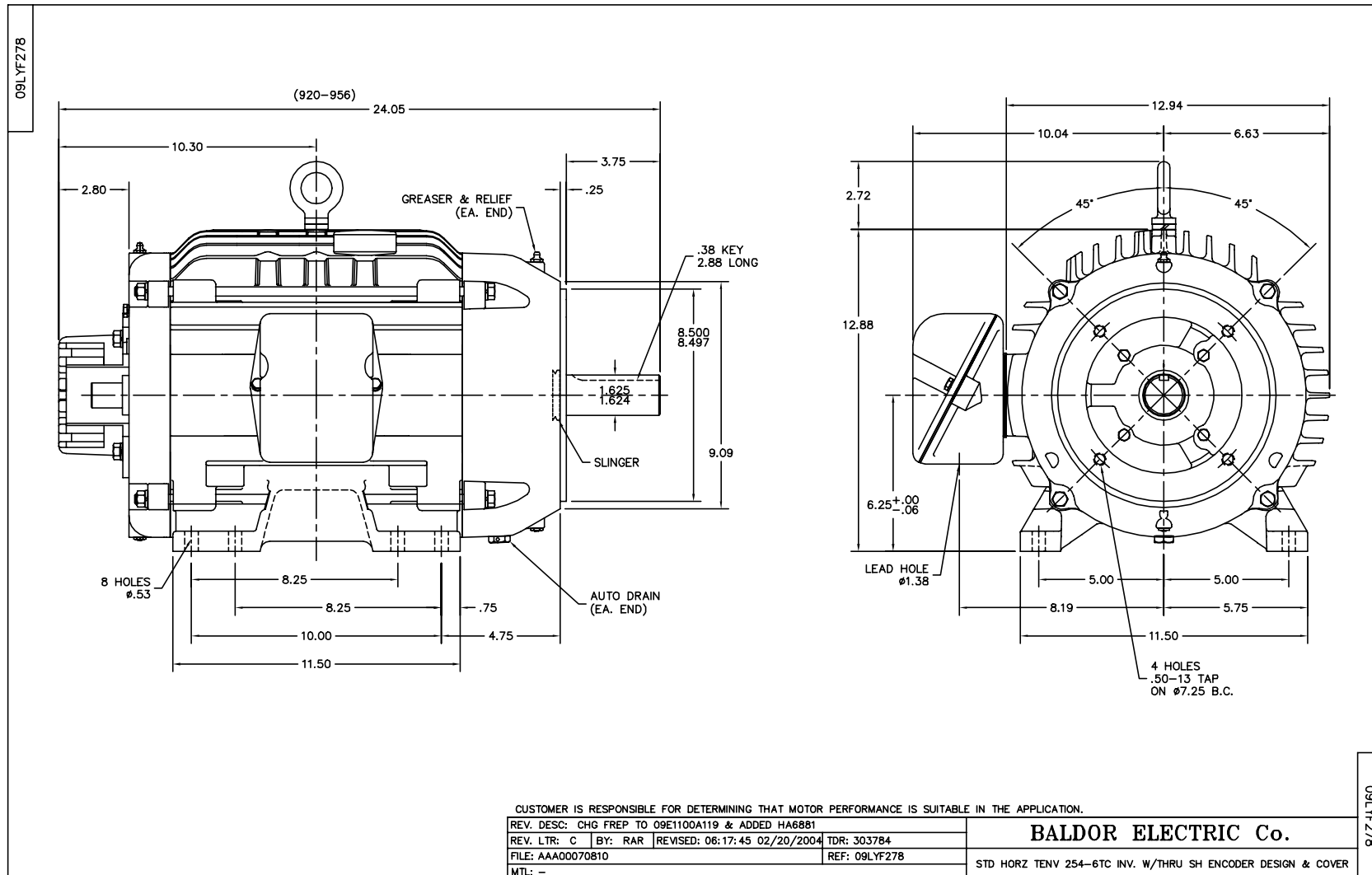
Parts List (continued)		
Part Number	Description	Quantity
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
HA6881	BEI HS35 THRU SHAFT ENCODER PROTECTIVE C	1.000 EA
10XN3816K12	3/8-16 X 3/4 HEX HD CAP GRADE 5	3.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	3.000 EA
09CB3501SP	CONDUIT BOX LID FOR 09CB3001 & 09CB3002	1.000 EA
09GS1013SP	09 GS FOR 09CB3501 LID - LEXIDE	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
HW2501G25	KEY, 3/8 SQ X 2.875	1.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HA4001A01SP	DRAIN PLUG, PLASTIC (MICRO PLAS)	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.080 LB
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HA4001A01SP	DRAIN PLUG, PLASTIC (MICRO PLAS)	1.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.050 GA
85XU0407A04	#4-7 X 1/4 DRIVE PIN	2.000 EA
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	4.000 EA
LC0005E02	SPL CONN.DIA./WARN.LABEL(LC0005/LB1119)	1.000 EA
NP1163L	ALUM INV UL CSA CC	1.000 EA
09PA1000	PACKAGING GROUP COMBINED PRINT	1.000 EA

Performance Data at 460V, 60Hz, 7.5HP (Typical performance - Not guaranteed values)

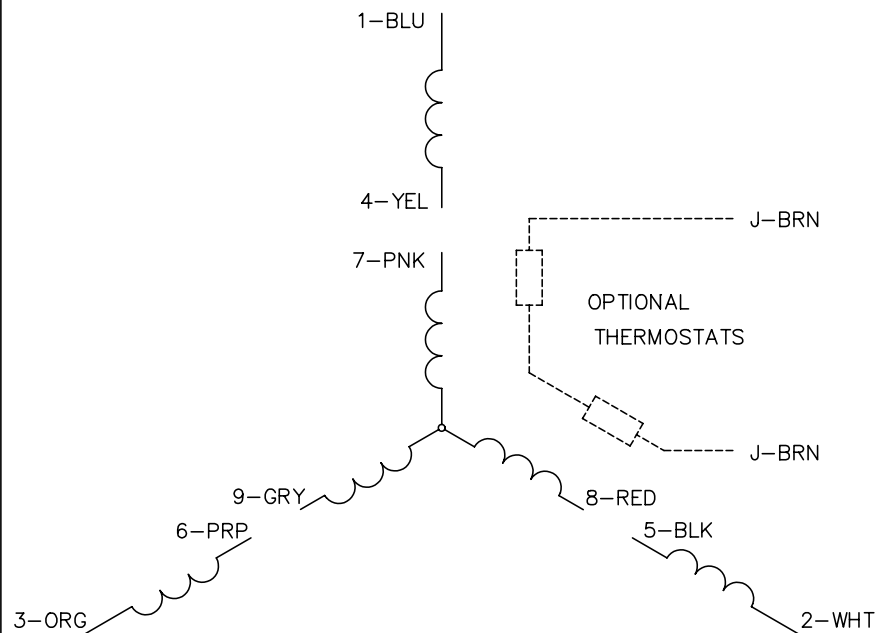
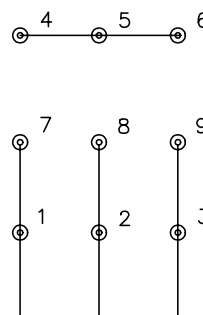
General Characteristics							
Full Load Torque:		22.3 LB-FT		Start Configuration:		DOL	
No-Load Current:		3.6 Amps		Break-Down Torque:		77.7 LB-FT	
Line-line Res. @ 25°C.:		1.22 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		34.6 LB-FT	
Temp. Rise @ Rated Load:		75 C		Locked-Rotor Torque:		42.9 LB-FT	
Temp. Rise @ S.F. Load:				Starting Current:		65.0 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	52.0	73.0	82.0	85.0	88.0	89.0	0.0
Efficiency:	82.0	88.5	90.4	90.9	90.9	90.5	0.0
Speed:	1793.0	1786.0	1780.0	1774.0	1766.0	1759.0	0.0
Line Amperes:	4.2	5.5	7.2	9.1	11.0	13.1	0.0

Performance Graph at 460V, 60Hz, 7.5HP Typical performance - Not guaranteed values

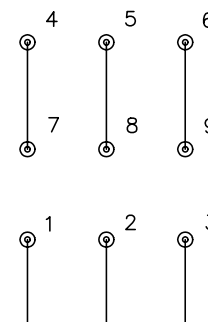




CD0005


 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