

BALDOR® • RELIANCE

Product Information Packet

EJMM2534T

30HP,3510RPM,3PH,60HZ,284JM,3948M,OPSB,F

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Part Detail									
Revision:	A	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3948M	Elec. Spec:	39WGX286	CD Diagram:			
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	39E312	Layout:			
Frame:	284JM	Mounting:	F1	Poles:	02	Created Date:	06-22-2009		
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	01-03-2012		
Leads:	9#10	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP2138L									
CAT.NO.	EJMM2534T	P/N		ENCLOSURE			OPSB		
SPEC.	39E312X286	CC	010A	FRAME			284JM	S/N	
HP	30	CLASS	F	HZ			60		
RPM	3510	PH	3	DES			B		
VOLT	230/460	KVA-CODE	F	ODE BRG			6208	DE BRG	6312
AMP	66/33	USABLE AT 208V	74						
RATING	40C AMB-CONT	GREASE	POLYREX EM						
NEMA-NOM-EFF	91.7	PF	92	SER.F.			1.15		
HTR-VOLTS		HTR-AMPS		MAX. SPACE HEATER TEMP.					

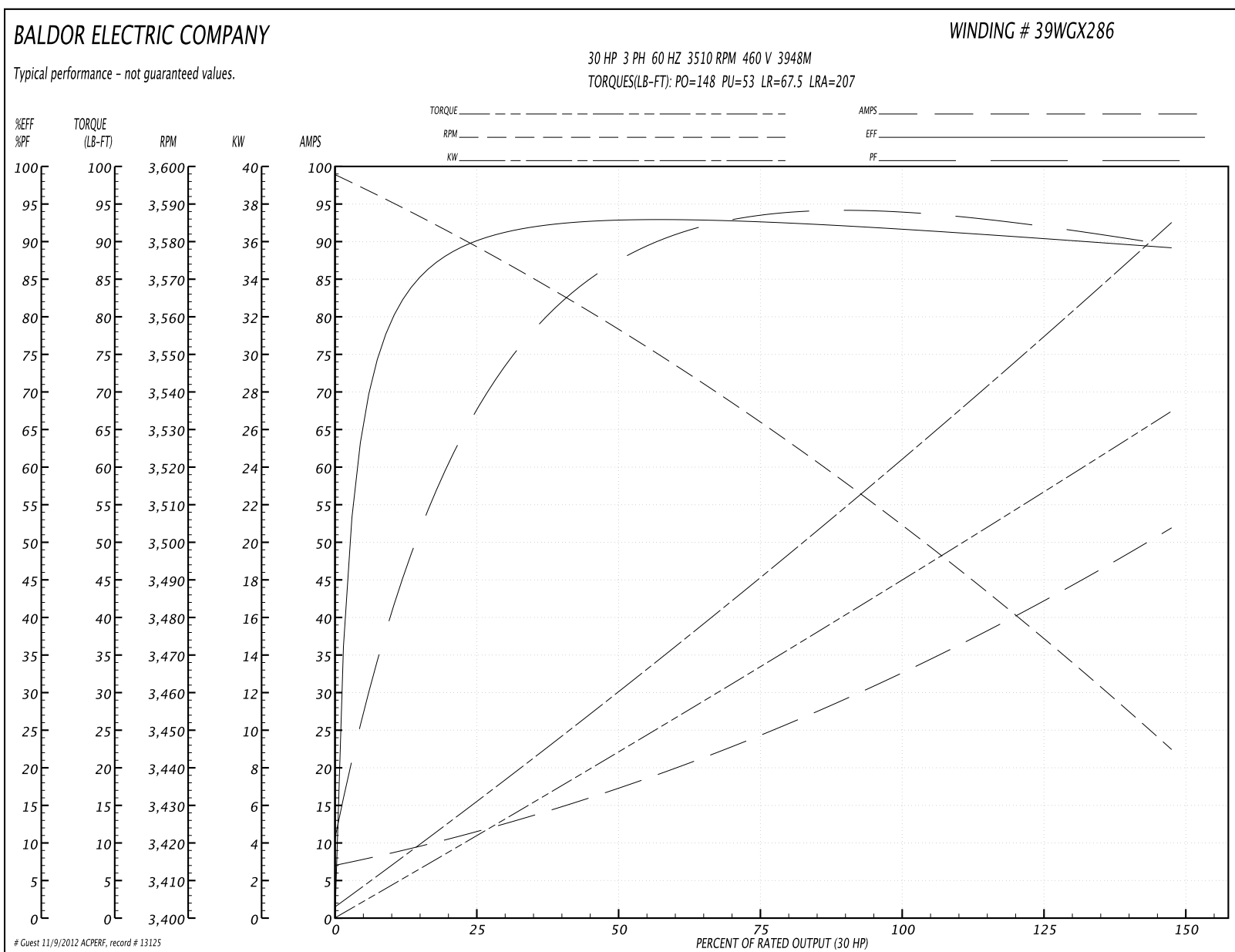
Parts List		
Part Number	Description	Quantity
SA183606	SA 39E312X286	1.000 EA
RA171471	RA 39E312X286	1.000 EA
S/P107-000-006	SUPER-E(284 FR. & UP)-ZK PLANT,POLYREX E	1.000 EA
HW3201A01	1/2-13 EYEBOLT	1.000 EA
09CB2800A03	ADAPTER MACH FOR 10CB3000	1.000 EA
19XW3118A08	.31-18 X .50 HEX WASHER HEAD TAPTITE II	2.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	2.000 EA
10CB3000SP	STD KO BOX MODEL 310,312,314 MTRS W/2.00	1.000 EA
19XW3118A12	.31-18 X .75 HEX WASHER HEAD TAPTITE II	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
WD1000B16	KPA-4C BURNDY TERMINAL	1.000 EA
51XF2520A08	SCREW, HEX SER SLT HD, ZN 1/4-20 X .50 L	1.000 EA
HA1101A01	RODENT SCREEN, 39 MTR	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
39EP3200A01SP	FR/PU ENDPLATE, MACH	1.000 EA
HW5100A08	W3118-035 WVY WSHR (WB)	1.000 EA
HA1221	RODENT SCREEN 39EP1404	4.000 EA
HW3207A04	CABLE TIE 5 5/8 X .14" BLACK	8.000 EA
39EP1404A07	FACE MTD.EP MACH. 284-6 OPEN	1.000 EA
HW4600B41	V-RING SLINGER 2.125 X 2.880 X 0.280	1.000 EA
10XN3118K40	5/16-18 X 2.50" HEX HD, GRADE 5	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
XY3816A12	3/8-16 FINISHED NUT	4.000 EA
10CB3500SP	CONDUIT BOX LID, CAST	1.000 EA

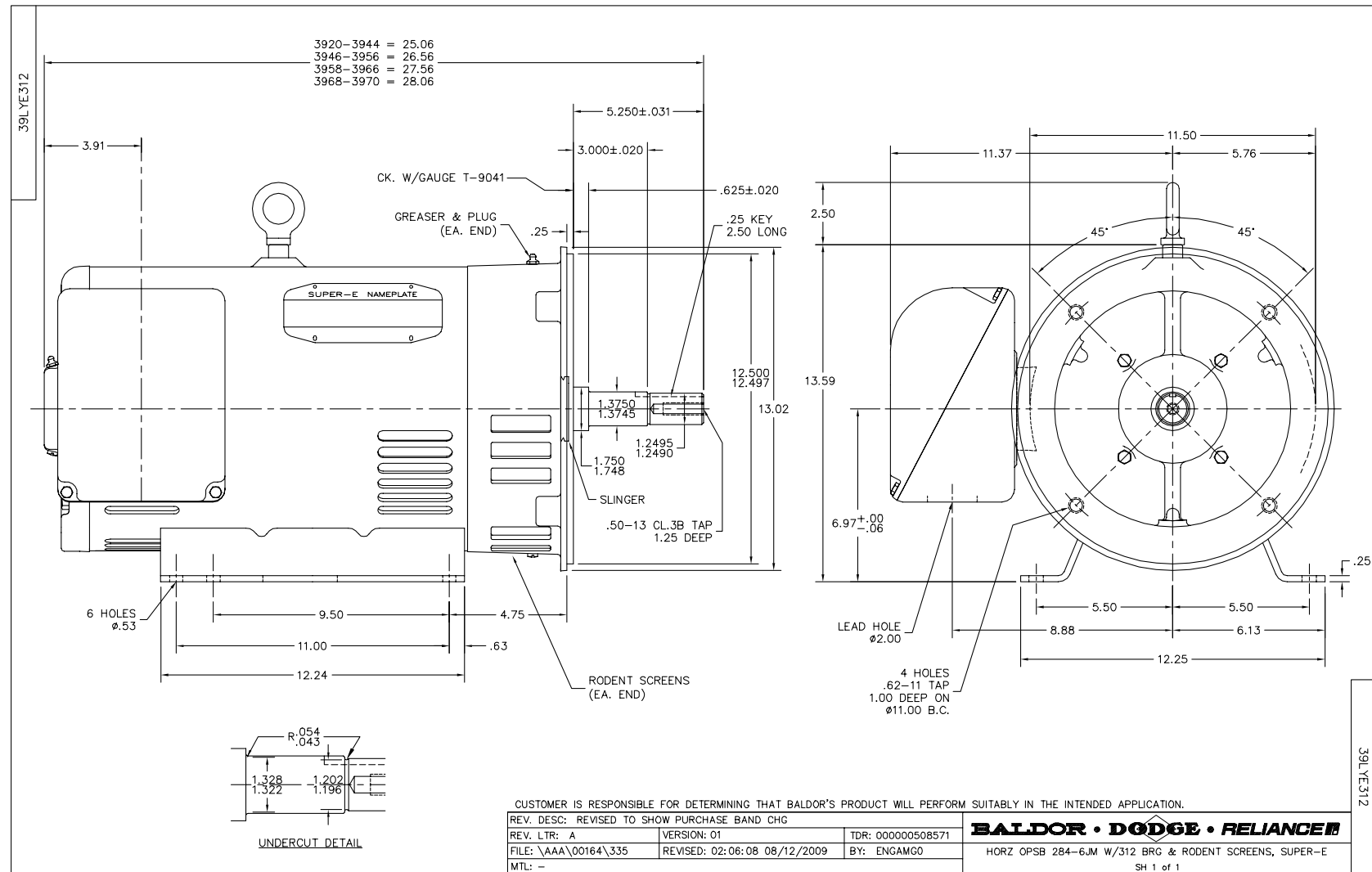
Parts List (continued)		
Part Number	Description	Quantity
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	4.000 EA
HW2501E22	KEY, 1/4 SQ X 2.500	1.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.030 LB
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
MG1000Y03	WILKO 689.710 GOLD PAINT SUPER E	0.050 GA
85XU0407A04	#4-7 X 1/4 DRIVE PIN	4.000 EA
39AD2002B01	BAFFLE PLATE 39 OPEN, SLOTTED BAND MTRS	1.000 EA
39AD2002B01	BAFFLE PLATE 39 OPEN, SLOTTED BAND MTRS	1.000 EA
HA3113A05	THRUBOLT 3/8 - 16 X 17.250	4.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	4.000 EA
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000 EA
NP2138L	ALUM SUPER-E UL CSA-EEV PREM CC (300	1.000 EA
40PA1000	PACKAGING GROUP	1.000 EA

Performance Data at 460V, 60Hz, 30.0HP (Typical performance - Not guaranteed values)

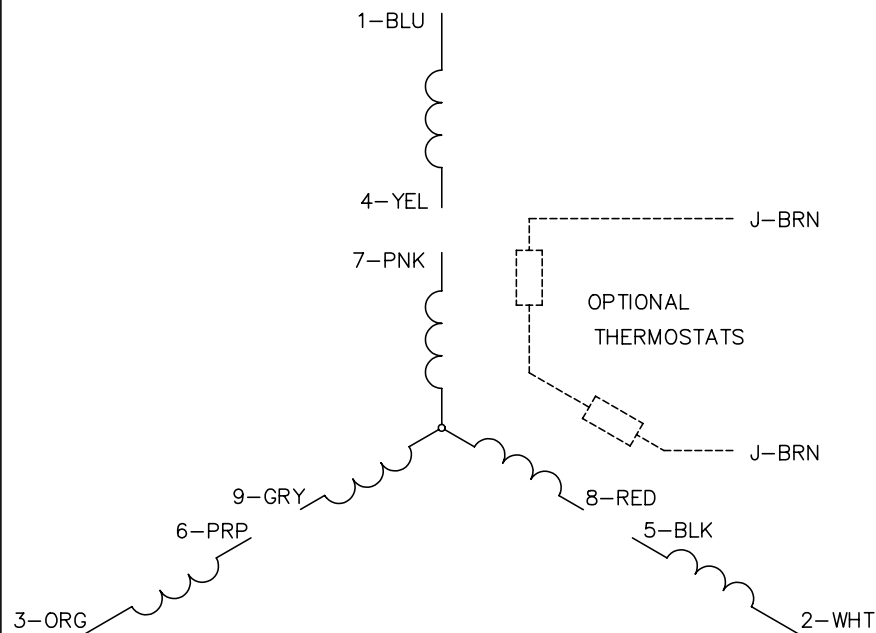
General Characteristics							
Full Load Torque:		45.0 LB-FT		Start Configuration:		DOL	
No-Load Current:		7.51 Amps		Break-Down Torque:		148.0 LB-FT	
Line-line Res. @ 25°C.:		0.342 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		53.0 LB-FT	
Temp. Rise @ Rated Load:		38 C		Locked-Rotor Torque:		67.5 LB-FT	
Temp. Rise @ S.F. Load:		48 C		Starting Current:		207.0 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	70.0	87.0	91.0	92.0	92.0	92.0	92.0
Efficiency:	89.4	92.5	92.6	91.8	90.7	89.0	91.1
Speed:	3577.0	3555.0	3531.0	3505.0	3478.0	3443.0	3489.0
Line Amperes:	10.9	17.2	24.9	33.1	41.7	51.8	38.26

Performance Graph at 460V, 60Hz, 30.0HP Typical performance - Not guaranteed values

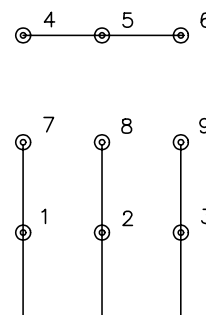




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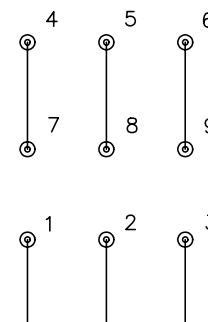


LOW VOLTAGE
(2Y)



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

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