

BALDOR® • RELIANCE

Product Information Packet

EM2534T-G

30HP,3530RPM,3PH,60HZ,284TS,4040M,OPSB,F

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Part Detail									
Revision:	A	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	4040M	Elec. Spec:	40WGX193	CD Diagram:			
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	40G103	Layout:			
Frame:	284TS	Mounting:	F1	Poles:	02	Created Date:	11-29-2011		
Base:	RG	Rotation:	R	Insulation:	H	Eff. Date:	09-14-2012		
Leads:	9#8	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP2138L									
CAT.NO.	EM2534T-G	P/N		ENCLOSURE			OPSB		
SPEC.	40G103X193G1	CC	010A	FRAME			284TS	S/N	
HP	30	CLASS	H	HZ			60		
RPM	3530	PH	3	DES			A		
VOLT	208-230/460	KVA-CODE	H	ODE BRG			6309	DE BRG	6311
AMP	76-70/35	USABLE AT 208V							
RATING	40C AMB-CONT	GREASE	POLYREX EM						
NEMA-NOM-EFF	91.7	PF	87	SER.F.			1.15		
HTR-VOLTS		HTR-AMPS		MAX. SPACE HEATER TEMP.					

Parts List		
Part Number	Description	Quantity
SA235021	SA 40G103X193G1	1.000 EA
RA221985	RA 40G103X193G1	1.000 EA
S/P107-000-004	SUPER-E(284 FR. & UP)-CL PLANT,POLYREX E	1.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME (AUTOP	2.000 EA
HA6017A01	CAST ADAPTOR	1.000 EA
19XW3118A12	.31-18 X .75 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
40EP3200A02	STD FREP OPEN 309 BRG	1.000 EA
HW5100A11	W3917-042 WVY WSHR (WB)	1.000 EA
40EP3200B01	STD PUEP OPEN 311 LOCKED BRG W/AIR DEFLE	1.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	8.000 EA
XY3816A12	3/8-16 FINISHED NUT	8.000 EA
BP5304	SHAFT GRD BOLT THROUGH (SGR-65.2-3FH)	1.000 EA
10XN3118K36	5/16-18 X 2.25" HEX HD, GRADE 5	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
10CB3500SP	CONDUIT BOX LID, CAST	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
HW2501G17	KEY, 3/8 SQ X 1.875	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
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	0.050 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	0.070 GA
85XU0407A04	#4-7 X 1/4 DRIVE PIN	4.000 EA
40AD2002B01	LEXAN BAFFLE 40 FR OPEN	1.000 EA
40AD2002B01	LEXAN BAFFLE 40 FR OPEN	1.000 EA
HA3154A03	STUD, 3/8-16 X 17.75	4.000 EA
LB1119	WARNING LABEL	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
LC0181	CONNECTION LABEL	1.000 EA
NP2138L	ALUM SUPER-E UL CSA-EEV PREM CC (300	1.000 EA
40PA1000	PACKAGING GROUP	1.000 EA

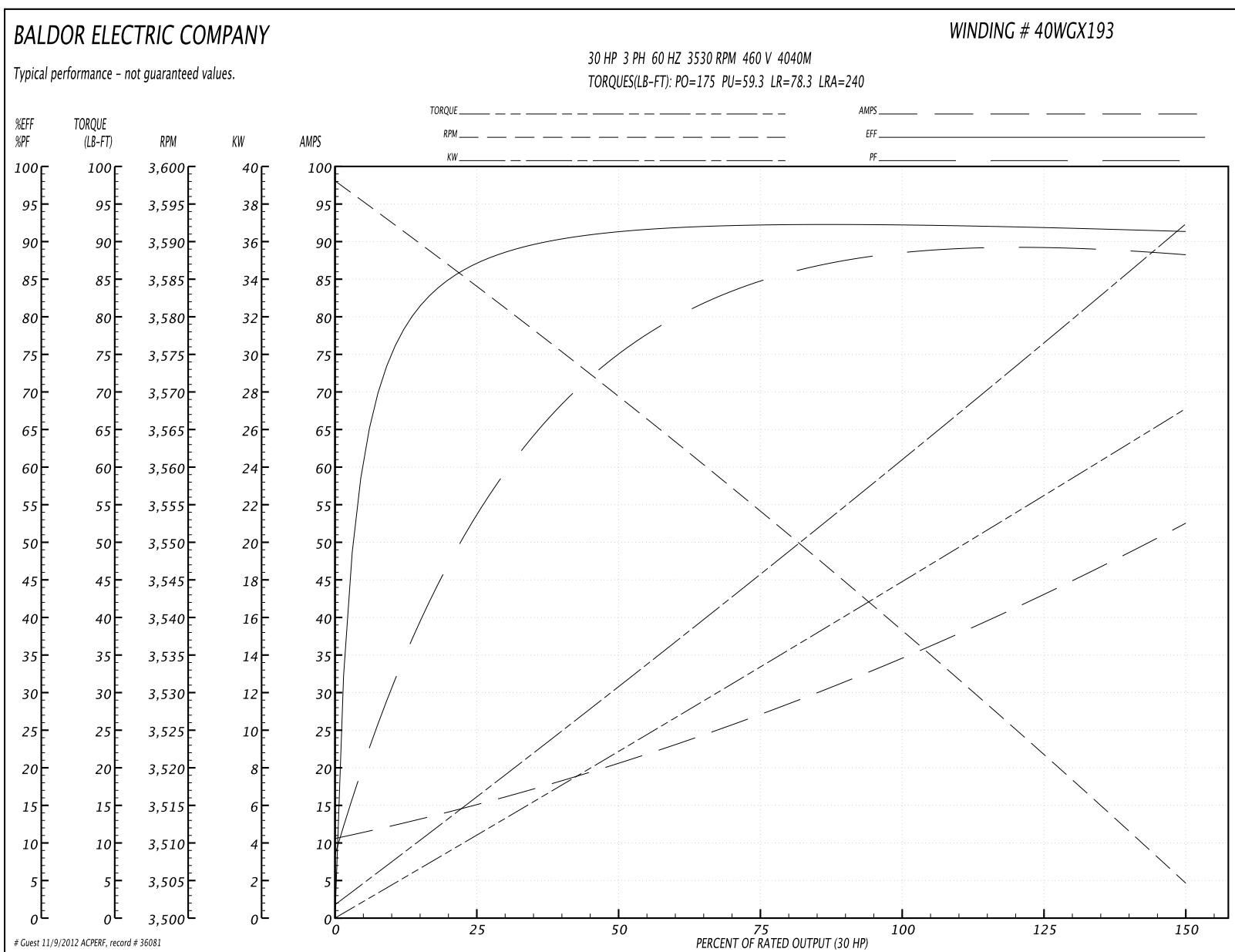
Performance Data at 460V, 60Hz, 30.0HP (Typical performance - Not guaranteed values)**General Characteristics**

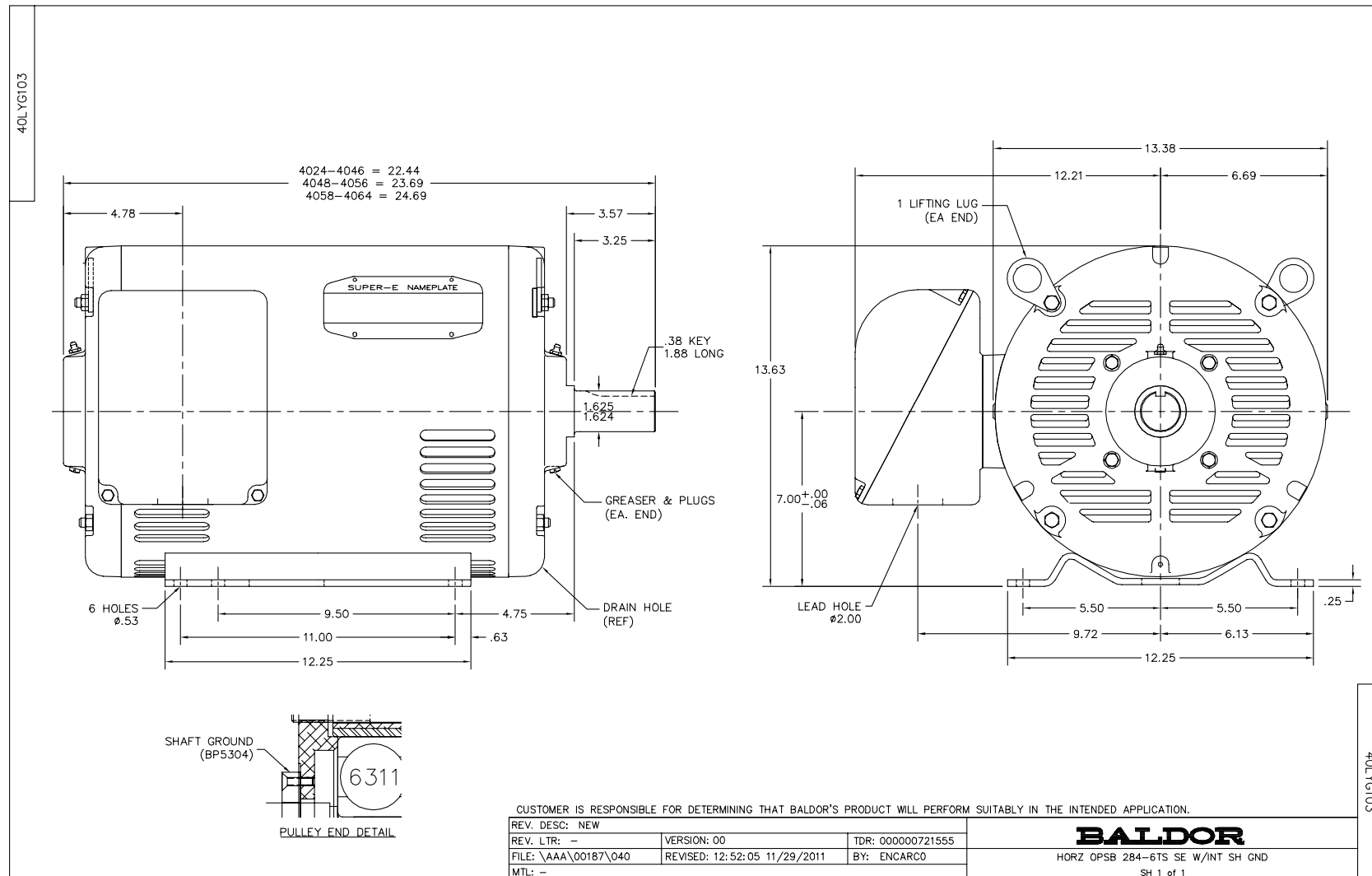
Full Load Torque:	44.7 LB-FT	Start Configuration:	DOL
No-Load Current:	11.2 Amps	Break-Down Torque:	175.0 LB-FT
Line-line Res. @ 25°C.:	0.21802 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	59.3 LB-FT
Temp. Rise @ Rated Load:	23 C	Locked-Rotor Torque:	78.3 LB-FT
Temp. Rise @ S.F. Load:	28 C	Starting Current:	240.0 Amps

Load Characteristics

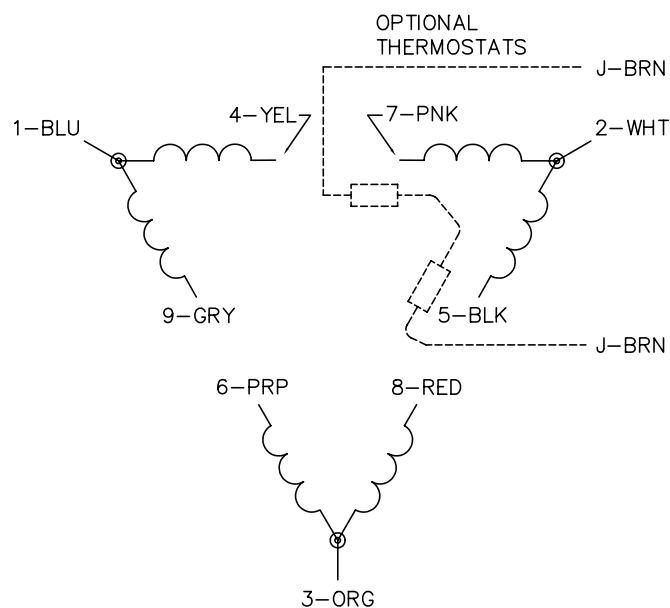
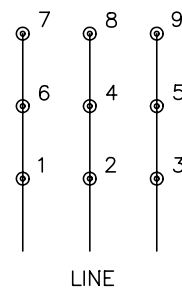
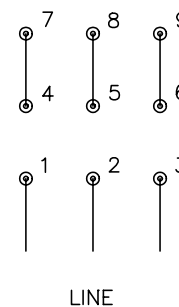
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	58.0	77.0	84.0	87.0	88.0	89.0	88.0
Efficiency:	89.3	92.8	93.4	93.2	92.6	91.8	92.8
Speed:	3582.7	3568.7	3554.6	3538.7	3522.3	3504.1	3529.0
Line Amperes:	14.4	20.3	27.2	35.1	43.4	52.1	40.1

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





CD0180

LOW VOLTAGE
(2D)HIGH VOLTAGE
(1D)

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: C

BY: JLP

REVISED: 01/21/99 2:28

TDR: 0171435

0810D0

FILE: AAA00005148

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS, DELTA CONNECTION

CD0180