

BALDOR® • RELIANCE

Product Information Packet

EM7134T-C

1.5HP,1765RPM,3PH,60HZ,145T,0526M,XPFC,F

Part Detail							
Revision:	E	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	0526M	Elec. Spec:	05WGX163	CD Diagram:	CD0005
Enclosure:	XPFC	Mfg Plant:		Mech. Spec:	05E347	Layout:	05LYE347
Frame:	145T	Mounting:	F1	Poles:	04	Created Date:	06-01-2011
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	02-04-2013
Leads:	9#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP0978XP									
NO.		TEMP CODE	T4						
SPEC.	05E347X163G1	DE BRG	6205						
CAT.NO.	EM7134T-C	ODE BRG	6203						
HP	1.5	GREASE	POLYREX EM						
VOLTS	208-230/460	MOTOR WEIGHT	172 LBS						
AMPS	4.6/2.3	NEMA-NOM-EFF	86.5						
RPM	1765	FL PF	71						
CYCLE	60	PH	3	CL	B	FRAME	145T		
SER.F.	1.00	DES	B	CODE	M	CC	010A		
SER.		BLANK							
RATING	40C AMB-CONT								
USABLE AT 208V									

Parts List		
Part Number	Description	Quantity
SA224429	SA 05E347X163G1	1.000 EA
RA211540	RA 05E347X163G1	1.000 EA
34FN3002B01	EXTERNAL FAN, PLASTIC, .637/.639 HUB W/	1.000 EA
HW3201A05	3/8-16 EYEBOLT	1.000 EA
HW4002A18	1"HEX STEEL PIPE NIPPLE FOR 305XP MTRS	1.000 EA
HW3021F12	SPRING PIN, .156 X 1.25	1.000 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
35EP1715A02	FR ENDPLATE,TEFC,35M,X-PROOF MTR,GROUP"C	1.000 EA
84XN3118J20	5/16-18 X 1 1/4" SOC HD CAP SCREW	4.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
05EP1700A01	EP PU EXPL PROOF 205 BRG -GROUP C MTRS	1.000 EA
84XN3118J20	5/16-18 X 1 1/4" SOC HD CAP SCREW	4.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
35FH1000A02	SPL FAN COVER MODEL 35	1.000 EA
10XN2520A18	1/4-20 X 1-1/8 HEX CAP SCREW.	3.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	3.000 EA
35CB1501A01	CONDUIT BOX LID, MACH. - GROUP "C"MTRS	1.000 EA
LB1359	ALUM XP CAUTION LABEL	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
RM1020A41	O-RING, -150 BUNA-N, .103 CS X 2.862 ID	1.000 EA
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	4.000 EA
35CB1005A01	CONDUIT BOX,MACH - GROUP "C" MTRS	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1025Z20	ACTIVATOR WILKOFAS 060.32	0.010 GA
MG1025G29	MUNSELL 4.5Y 5.3/0.7 DARK CHARCOAL GREY	0.017 GA
LB1119N	WARNING LABEL	1.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA
LC0145B01	CONNECTION LABEL	1.000 EA
NP0978XP	BR XP UL CSA CC CL-I GP-C&D CL-II GP-F&G	1.000 EA
37PA1052	PALLET PACK GRP, 150 LB MTR 2 X 4 RUNNER	1.000 EA
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA

AC Induction Motor Performance Data

Record # 35532 - Typical performance - not guaranteed values

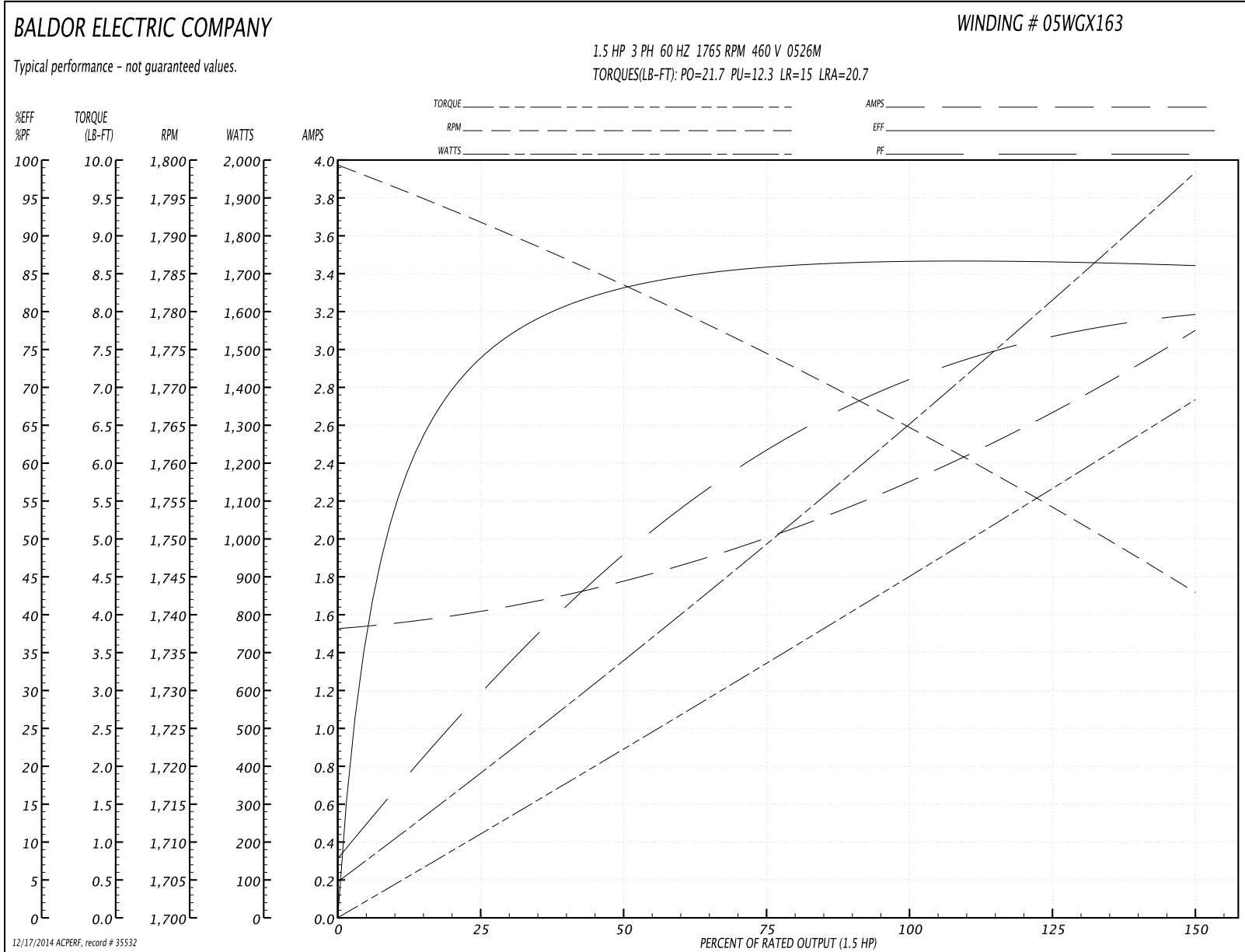
Winding: 05WGX163-R002	Type: 0526M	Enclosure: XPFC
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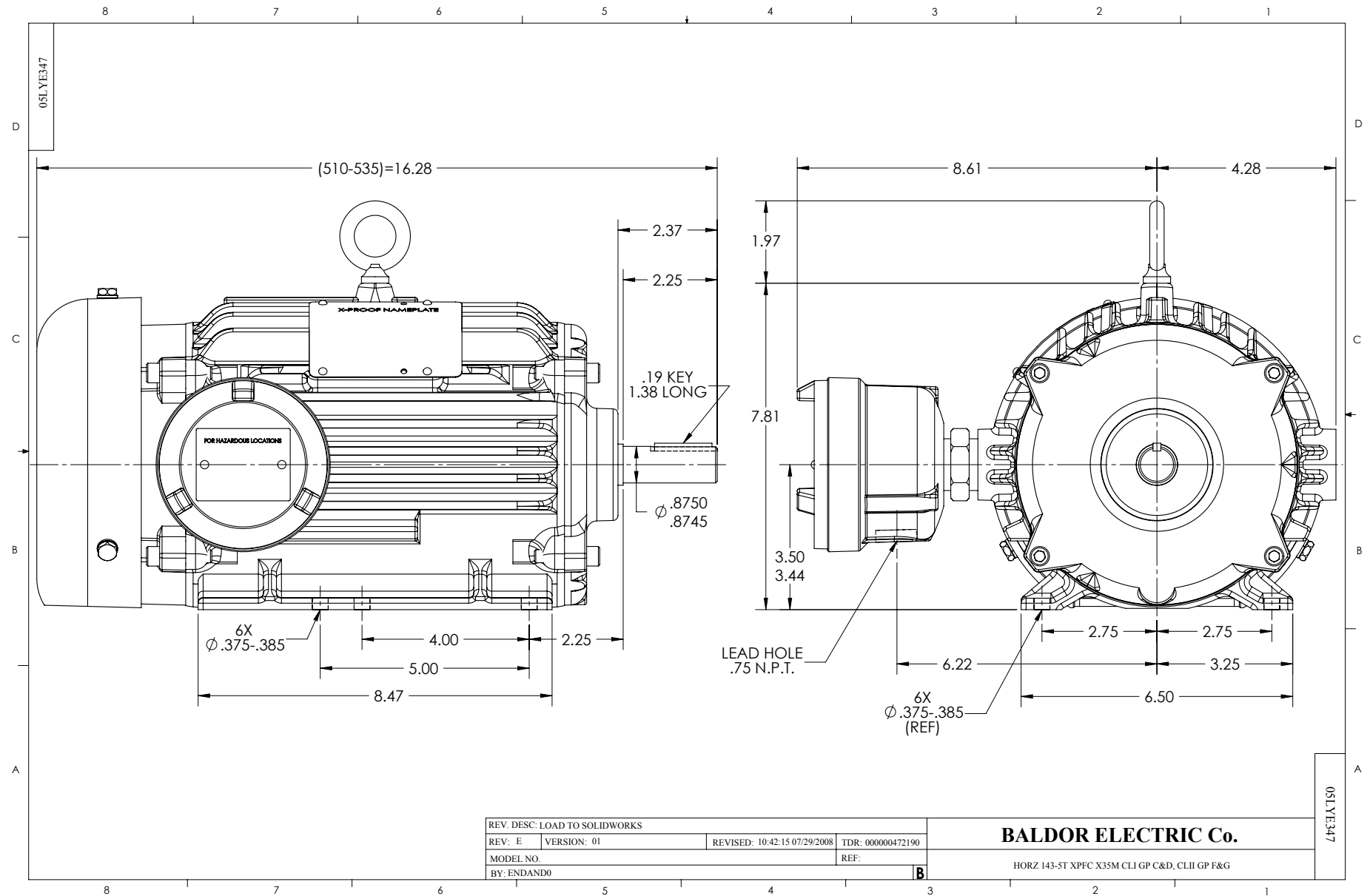
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1.5			Full Load Torque	4.54 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	4.6/2.3			Breakdown Torque	21.7 LB-FT
R.P.M.	1765			Pull-up Torque	12.3 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	15 LB-FT
NEMA Design Code	B	KVA Code	M	Starting Current	20.7 A
Service Factor (S.F.)	1			No-load Current	1.54 A
NEMA Nom. Eff.	86.5	Power Factor	71	Line-line Res. @ 25°C	9.15 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	34°C
S.F. Amps				Temp. Rise @ S.F. Load	40°C

Load Characteristics 460 V, 60 Hz, 1.5 HP

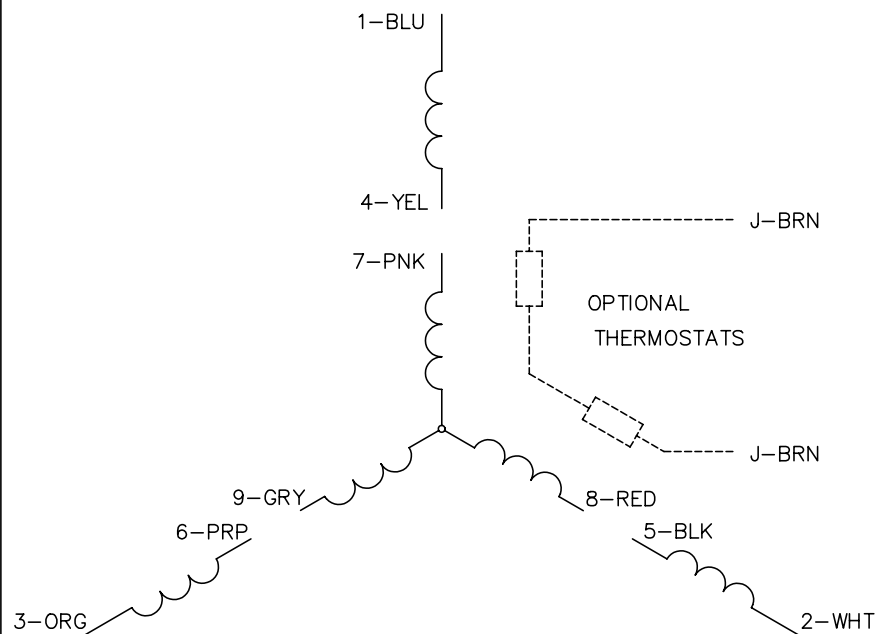
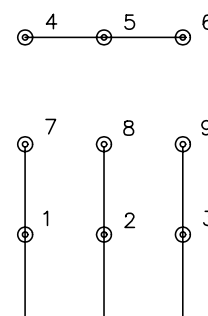
% of Rated Load	25	50	75	100	125	150
Power Factor	31	49	62	71	77	80
Efficiency	74.5	83.1	85.9	87	86.6	86
Speed	1792	1783	1774	1764	1754	1743
Line amperes	1.61	1.77	2.03	2.32	2.69	3.09

Performance Graph at 460V, 60Hz, 1.5HP Typical performance - Not guaranteed values

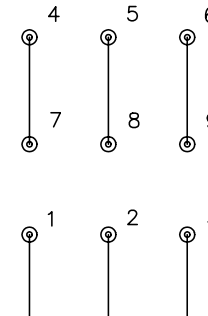




CD0005

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

900000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005