

BALDOR® • **RELIANCE**

Product Information Packet

EJMM7026T

3HP,3450RPM,3PH,60HZ,182JM,3622M,XPFC,F1

Part Detail							
Revision:	A	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3622M	Elec. Spec:	36WGS041	CD Diagram:	CD0005
Enclosure:	XPFC	Mfg Plant:		Mech. Spec:	36E309	Layout:	36LYE309
Frame:	182JM	Mounting:	F1	Poles:	02	Created Date:	10-12-2015
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	09-01-2016
Leads:	9#16					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP0015XPSLEV	
NO.	<input type="text"/> CC 010A
SER.	<input type="text"/>
SPEC.	36E309S041G1
CAT.NO.	EJMM7026T
HP	3 T. CODE T2C
VOLTS	230/460
AMPS	7.4/3.7
RPM	3450
HZ	60 PH 3 CL B
SER.F.	1.00 DES B CODE K
RATING	40C AMB-CONT
FRAME	182JM NEMA-NOM-EFF 86.5
USABLE AT 208V	8 PF 91
BLANK	<input type="text"/>

Parts List		
Part Number	Description	Quantity
SA308928	SA 36E309S041G1	1.000 EA
RA296265	RA 36E309S041G1	1.000 EA
34FN3002A02	EXTERNAL FAN, PLASTIC, .905/.907 HUB W/	1.000 EA
35CB3001A02SP	EXPL PROOF CONDUIT BOX, 3/4"PIPE TAP LEA	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	BRASS CUP WASHER, FOR #8 SCREW	1.000 EA
36EP1700A04	FR ENDPLATE, MACH	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP1709A01	PU ENDPLATE, MACH	1.000 EA
12XN2520A28	1/4-20 X 1 3/4 HEX HEAD SLOTTED	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
HW4001A02	3/8 HX SOC PIPE PLUG W/.75" TAPER (F/S)	2.000 EA
60XN1032A07	10-32 X 1/2 TRUSS HEAD, TORX SERRATED ZN	2.000 EA
XY3816A12	3/8-16 FINISHED NUT	4.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
36FH4009A02	FAN COVER FOR VM7042T,PRIMER	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
35CB3500A01SP	CONDUIT BOX LID, MACH	1.000 EA
51XN2520A16	SCREW, HEX WS SLT, ZN, 1/4-20 X 1.00	4.000 EA
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	6.000 EA
NP0018F	ALUM UL XP CONDUIT BOX NAMEPLATE	1.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB

Parts List (continued)		
Part Number	Description	Quantity
MG1025G29	WILKOFAST, 789.229, DARK CHARCOAL GRAY	0.022 GA
HA3105A02	THRUBOLT 3/8-16 X 9.125 DEMBY	4.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0145B01	CONNECTION LABEL	1.000 EA
NP0015XPSLEV	SS XP UL CSA-EEV CC CL-I GP-D	1.000 EA
G0PA1000	PKG GRP, PRINT PK1026A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1000/bx) 11/14	1.000 EA

AC Induction Motor Performance Data

Record # 56168 - Typical performance - not guaranteed values

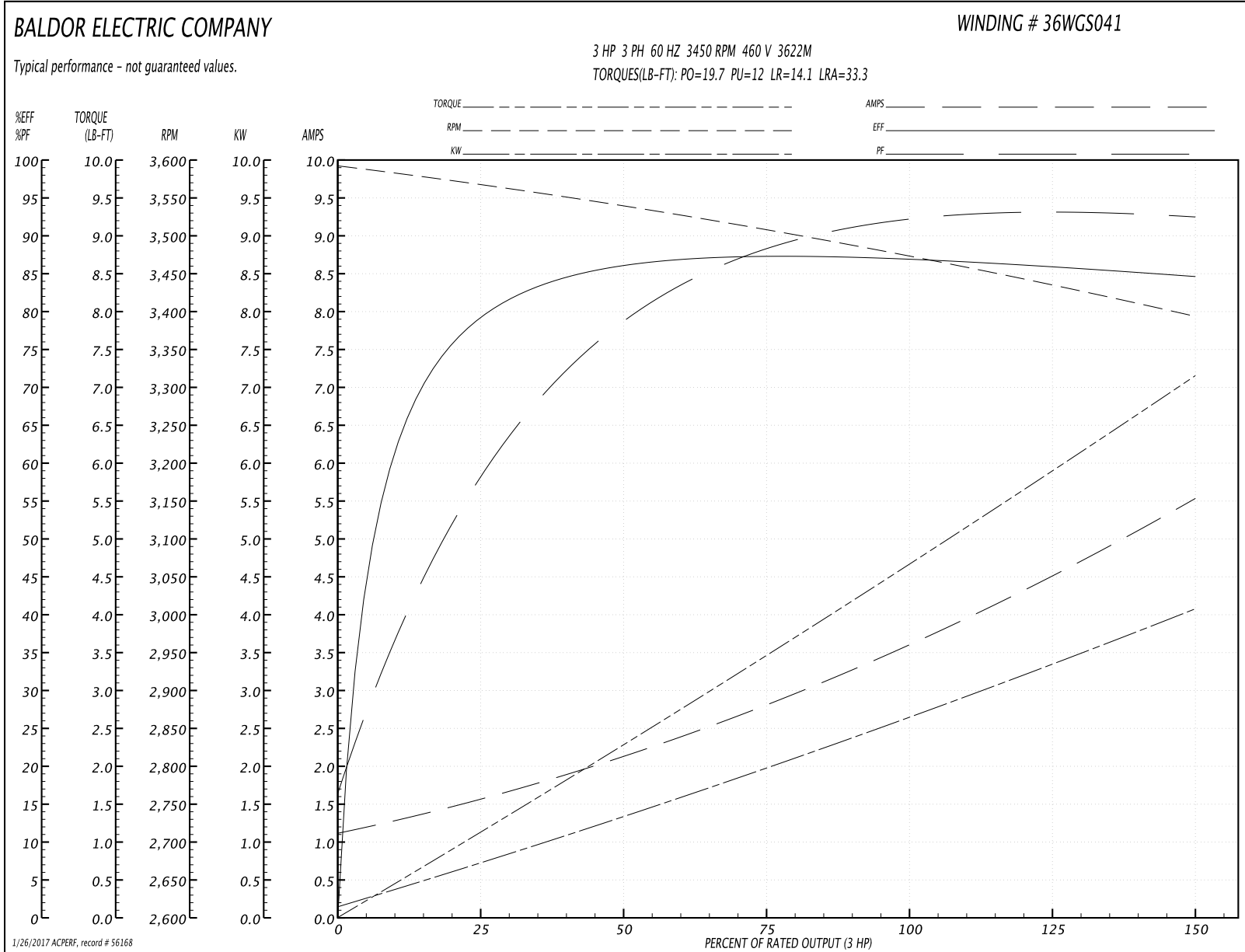
Winding: 36WGS041-R015	Type: 3622M	Enclosure: XPFC
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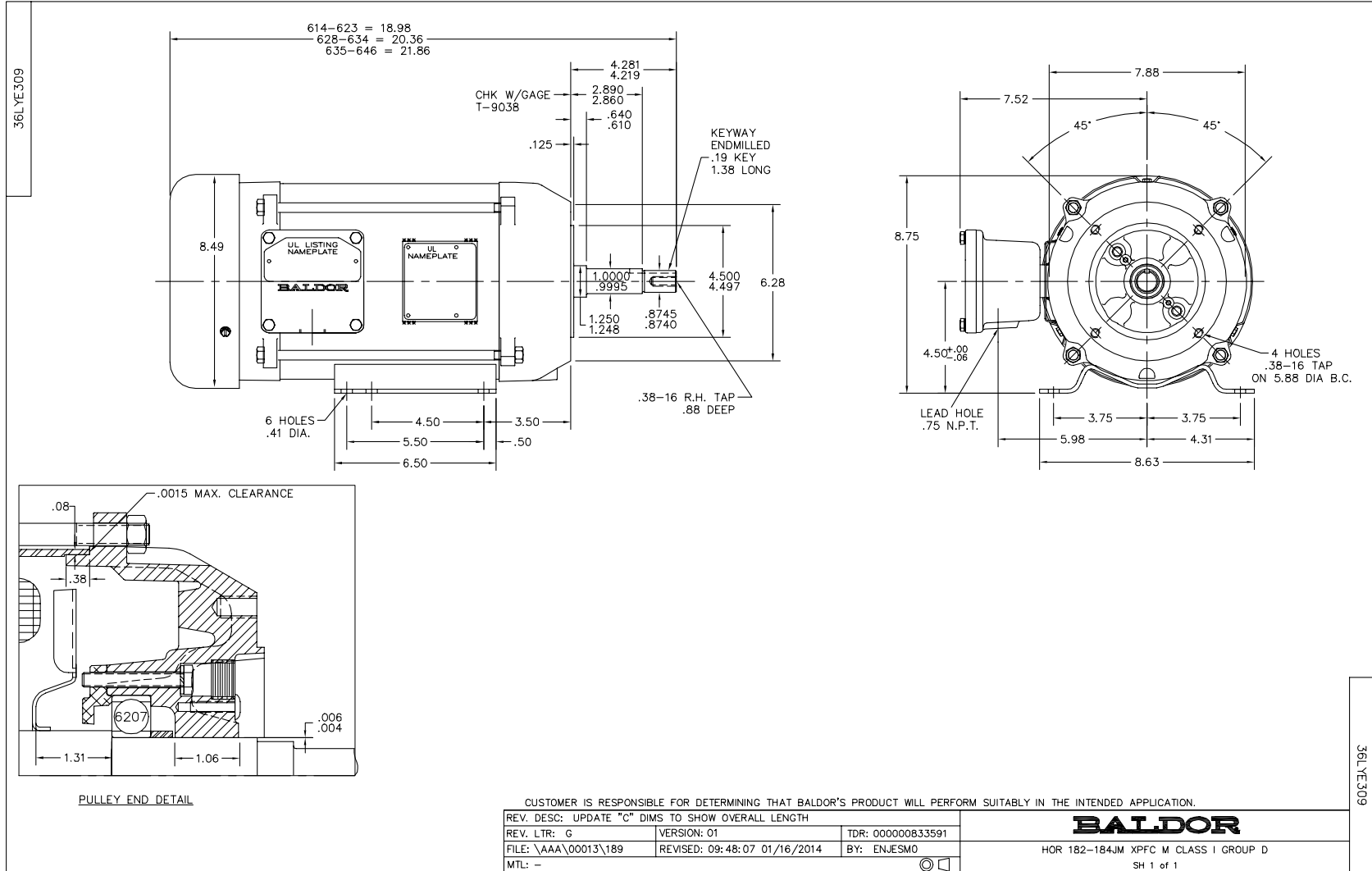
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	3			Full Load Torque	4.71 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	7.4/3.7			Breakdown Torque	19.7 LB-FT
R.P.M.	3450			Pull-up Torque	12 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	14.1 LB-FT
NEMA Design Code	B	KVA Code	K	Starting Current	33.3 A
Service Factor (S.F.)	1			No-load Current	1.17 A
NEMA Nom. Eff.	86.5	Power Factor	91	Line-line Res. @ 25°C	4.5612 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	52°C

Load Characteristics 460 V, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	66	82	88	91	92	93
Efficiency	80.8	86.2	87.3	87.1	86	84.5
Speed	3564.7	3535.4	3504.2	3471.8	3434.1	3393.5
Line amperes	1.56	2.17	2.93	3.67	4.57	5.5

Performance Graph at 460V, 60Hz, 3.0HP Typical performance - Not guaranteed values

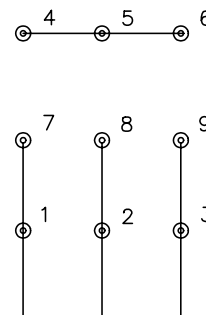




CD0005



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
900003		FILE: AAA00005140	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005