

BALDOR® • ***RELIANCE***

Product Information Packet

EJPM3611T

3HP,1760RPM,3PH,60HZ,182JP,3631M,TEFC,F1

Part Detail							
Revision:	F	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3632M	Elec. Spec:	36WGS266	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	36R059	Layout:	36LYR059
Frame:	182JP	Mounting:	F1	Poles:	04	Created Date:	06-11-2015
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	04-08-2016
Leads:	9#16					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP3441L										
CAT.NO.	EJPM3611T									
SPEC.	36R059S266G2									
HP	3									
VOLTS	230/460									
AMP	8.4/4.2									
RPM	1760									
FRAME	182JP			HZ	60				PH	3
SER.F.	1.15		CODE	K		DES	B		CL	F
NEMA-NOM-EFF	89.5		PF	75						
RATING	40C AMB-CONT									
CC	010A					USABLE AT 208V	9			
DE	6207		ODE	6205						
ENCL	TEFC		SN							
VPWM INVERTER READY										
CT6-60H(10:1)VT3-60H(20:1)										

Parts List		
Part Number	Description	Quantity
SA302303	SA 36R059S266G2	1.000 EA
RA289397	RA 36R059S266G2	1.000 EA
36FN3000C01	EXFN, PLASTIC, 5.25 OD, .912 ID	1.000 EA
36CB3004	36 CB CASTING W/1.09 DIA LEAD HOLE @ 6:0	1.000 EA
36GS1000SP	GASKET-CONDUIT BOX, .06 THICK #SV-330 LE	1.000 EA
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	2.000 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
36FE3104A04	FR ENDPLATE, FOR ROUTING	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP3405T06	PUEP ENCL 207 BRG T'SLV,GRSR,REL,SLINGER	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
10XN2520A24	1/4-20X 1 1/2 HEX HD X	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
36FH4009A103	IEC FH GREASER W/PRIMER	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
36CB4516	36 LIPPED CB LID	1.000 EA
37GS1001SP	GASKET, CONDUIT BOX LID, .06 THICK LEXID	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HA2009A01	36-4613 SL ANOD. ALUM (STER	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
80XN1032A06	10-32 X 3/8 SET SC HEX SOCK	1.000 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	2.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
HA3101A25	THRUBOLT 1/4-20 X 11.000 OHIO ROD	4.000 EA
MG1000Y03	MUNSELL 2.53Y 6.70/ 4.60, GLOSS 20,	0.022 GA
LB1417	LABEL CARTON 6X4 PERFORATED BLANK ROLLS	1.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
NP3441L	ALUM SUPER-E VPWM INVERTER READY UL	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 # 53364 - Typical performance - not guaranteed values

Winding: 36WGS266-R006	Type: 3632M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	3			Full Load Torque	8.8 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	8.4/4.2			Breakdown Torque	37.6 LB-FT
R.P.M.	1760			Pull-up Torque	15.2 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	21.7 LB-FT
NEMA Design Code	B	KVA Code	K	Starting Current	32.7 A
Service Factor (S.F.)	1.15			No-load Current	2.3 A
NEMA Nom. Eff.	89.5	Power Factor	75	Line-line Res. @ 25°C	3.81 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	44°C
S.F. Amps				Temp. Rise @ S.F. Load	52°C
				Locked-rotor Power Factor	42.2
				Rotor inertia	0.298 LB-FT ²

Load Characteristics 460 V, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	35	55	68	75	80	82	77
Efficiency	81.1	87.8	89.6	89.8	89.7	88.2	89.2
Speed	1791	1783	1773	1764	1753	1741	1754
Line amperes	2.47	2.85	3.43	4.09	4.89	5.78	4.63

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

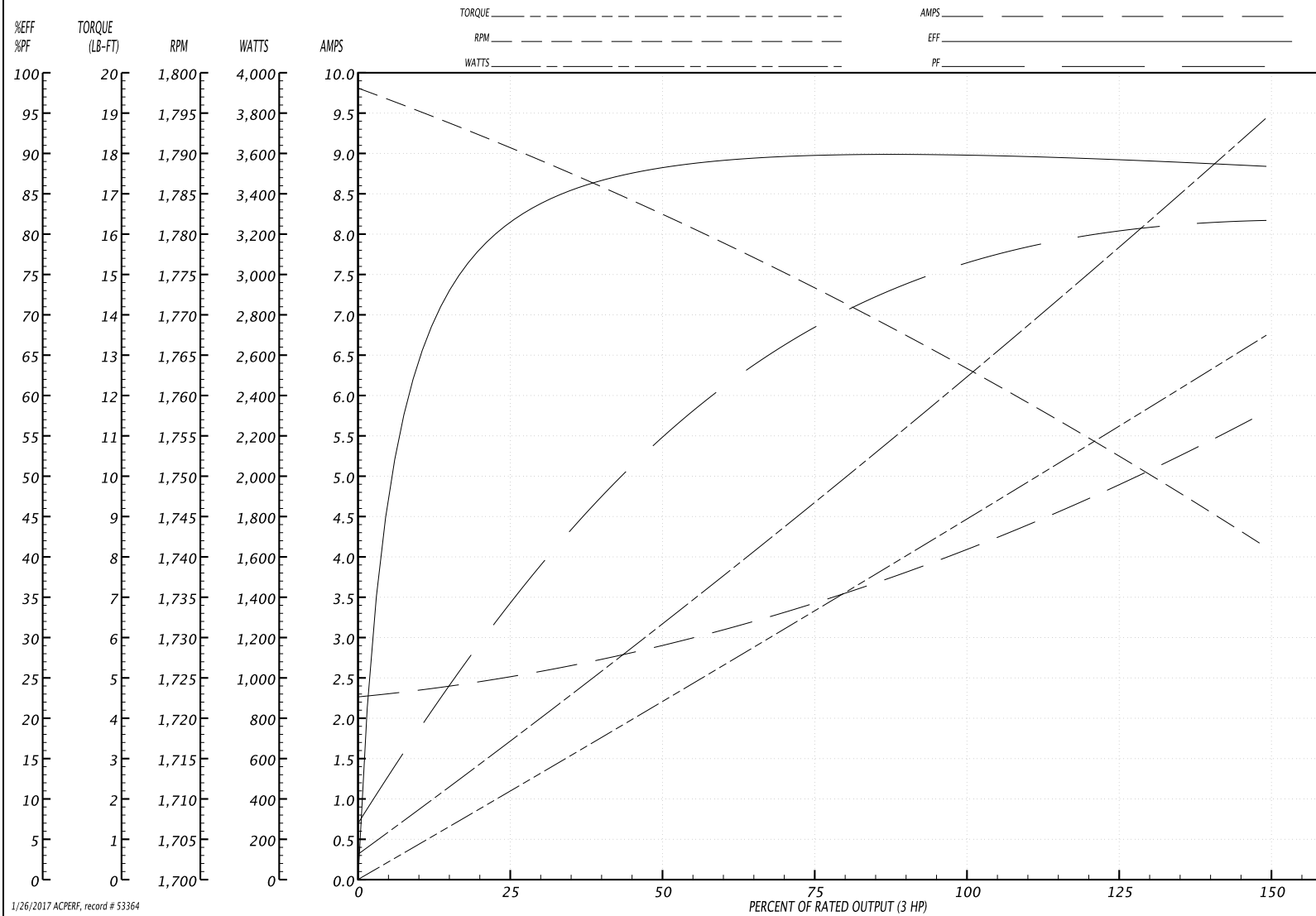
BALDOR ELECTRIC COMPANY

WINDING # 36WGS266

Typical performance - not guaranteed values.

3 HP 3 PH 60 HZ 1760 RPM 460 V 3632M

TORQUES(LB-FT): PO=37.6 PU=15.2 LR=21.7 LRA=32.7



1/26/2017 ACPERF, record # 53364

AC Induction Motor Performance Data

Record # 57957 - Typical performance - not guaranteed values

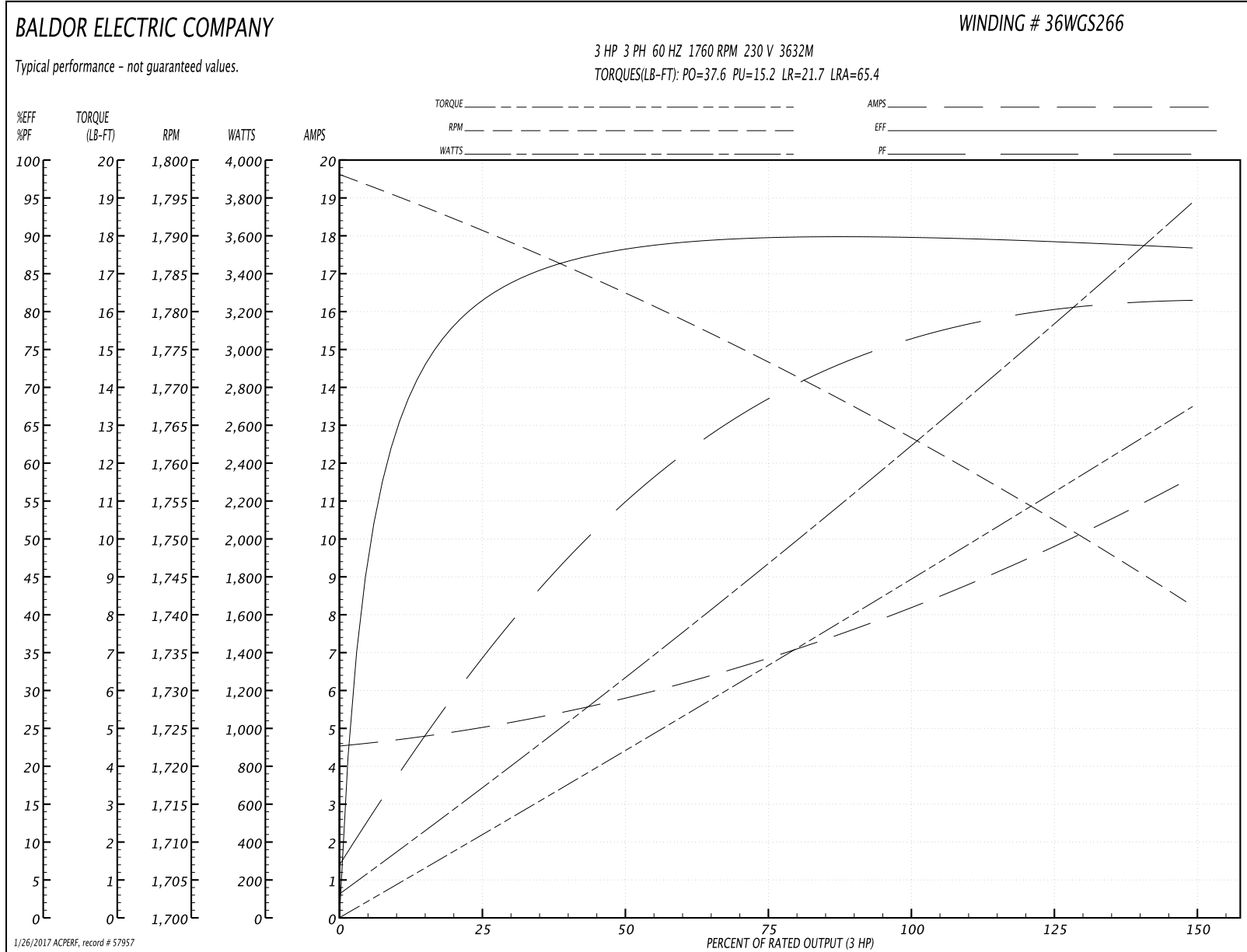
Winding: 36WGS266-R006	Type: 3632M	Enclosure: TEFC
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Nameplate Data				230 V, 60 Hz: Low Voltage Connection	
Rated Output (HP)	3			Full Load Torque	8.8 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	8.4/4.2			Breakdown Torque	37.6 LB-FT
R.P.M.	1760			Pull-up Torque	15.2 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	21.7 LB-FT
NEMA Design Code	B	KVA Code	K	Starting Current	65.4 A
Service Factor (S.F.)	1.15			No-load Current	4.6 A
NEMA Nom. Eff.	89.5	Power Factor	75	Line-line Res. @ 25°C	0.953 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	44°C
S.F. Amps				Temp. Rise @ S.F. Load	52°C
				Locked-rotor Power Factor	42.2
				Rotor inertia	0.298 LB-FT ²

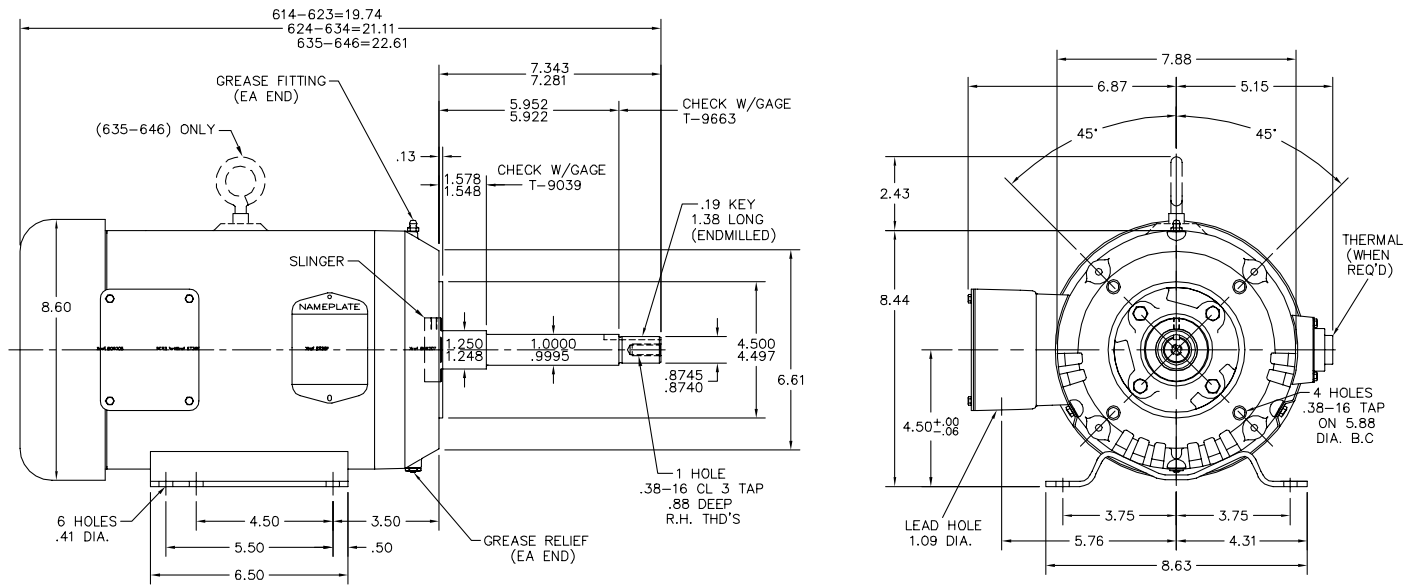
Load Characteristics 230 V, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	35	55	68	75	80	82	78
Efficiency	81.1	87.8	89.6	89.8	89.7	88.2	89.7
Speed	1791	1783	1773	1764	1753	1741	1757
Line amperes	4.94	5.7	6.86	8.18	9.78	11.6	9.14

Performance Graph at 230V, 60Hz, 3.0HP Typical performance - Not guaranteed values



36LYR059



36LYR059

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

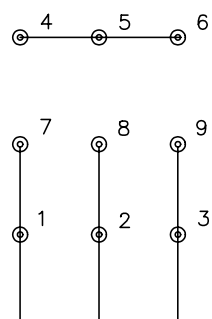
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REV. LTR: L	VERSION: 01	TDR: 000008B2490
FILE: \AAA\00004\168	REVISED: 01:11:39 12/01/2014	BY: ENCHALO
MTL: -		

BALDOR
 STD HORZ 182-4JP TEFC 36M
 SH 1 of 1

CD0005

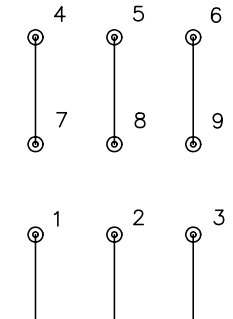


LOW VOLTAGE
(2Y)



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
90000		FILE: AAA00005140	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005