



Customer information packet

VPECP84314T-4

60HP, 1780RPM, 3PH, 60HZ, 364VP, A36062M, TEFC

Class - None

Division - Division II

Specifications

Enclosure	TEFC
Frame	364VP
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Division II
Motor Letter Type	Three Phase
Output @ Frequency	60.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	NEMA PREMIUM
	UR
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Constant Torque Speed Range	15-60
Current @ Voltage	68.000 A @ 460.0 V
Design Code	B
Drip Cover	Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.0 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	68.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	G
Lifting Lugs	Vertical Lifting Lugs
Max Speed	2700 rpm
Motor Lead Quantity/Wire Size	3 @ 4 AWG

Part detail

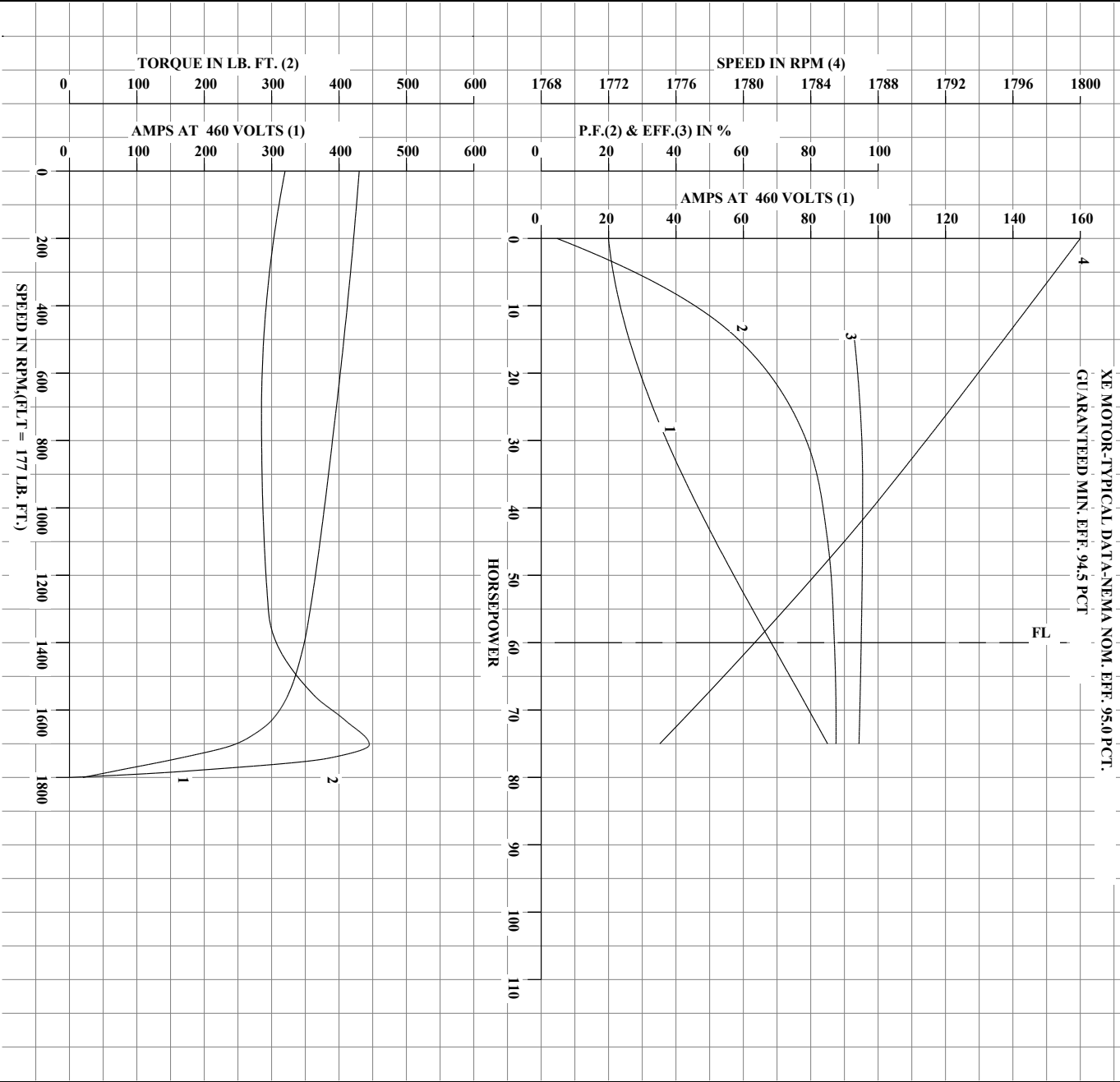
Revision	B
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG0054
Layout	617428-660
Eff. date	07-26-2025
CD Diagram	416820-036
Poles	04
Leads	3#4
Proprietary	False
Created date	07-23-2025

Motor Standards	NEMA
Motor Type	A36062M
Mounting Arrangement	V1
Number of Poles	4
Overall Length	37.27 IN
Power Factor	87
Product Family	Pump - Centrifugal
Pulley End Bearing Type	Ball
Pulley Face Code	P-Base
Service Factor	1.15
Shaft Diameter	1.625 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1780 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

NP4388																	
CAT #	VPECP84314T-4						FR	364VP			56						
SPEC	A36-7107-4085						ENCL	TEFC			DES	B					
HZ	60	PH	3	CL	F	HP	60	SF	1.15	PF	87	%	CODE	G			
VOLTS	460					AMPS	68										
RPM	1780		MAX RPM		2700		SER										
NEMA NOM. EFF	95	%		RATING		40C AMB-CONT											
GUAR MIN. EFF	94.1	%		BRG DE		6313			BRG ODE		7310						
CL I DIV 2 GRPS A,B,C,D						CL I ZONE 2 GRPS				IIA,IIB,IIC			TEMP T		3-200		C
CT HZ	15-60		VT HZ		0-60												
CHP HZ	60-90		INV TEMP CL				200		C								
								MTR WT		910		LBS					

REL.S.O.	FRAME 364T	HP 60	TYPE P	PHASE / HERTZ 3/60	RPM 1780	VOLTS 460	AMPS 68	DUTY CONT	AMB °C / INSUL. 40/F	S.F. 1.15	NEMA DESIGN B	CODE LETTER G	ENCLOSURE TEFC	E/S 492280	ROTOR 418141035YE	TEST S.O. TYPICAL DATA	TEST DATE --	STATOR RES. @ 25°C .110	OHMS (BETWEEN LINES)
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AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.



DRAWN BY: J.P. MCGILL
CHECKED BY: K.W. KANOUE
APPROVED BY: K.W. KANOUE
DATE: 12/09/91

AC MOTOR
PERFORMANCE
DATA

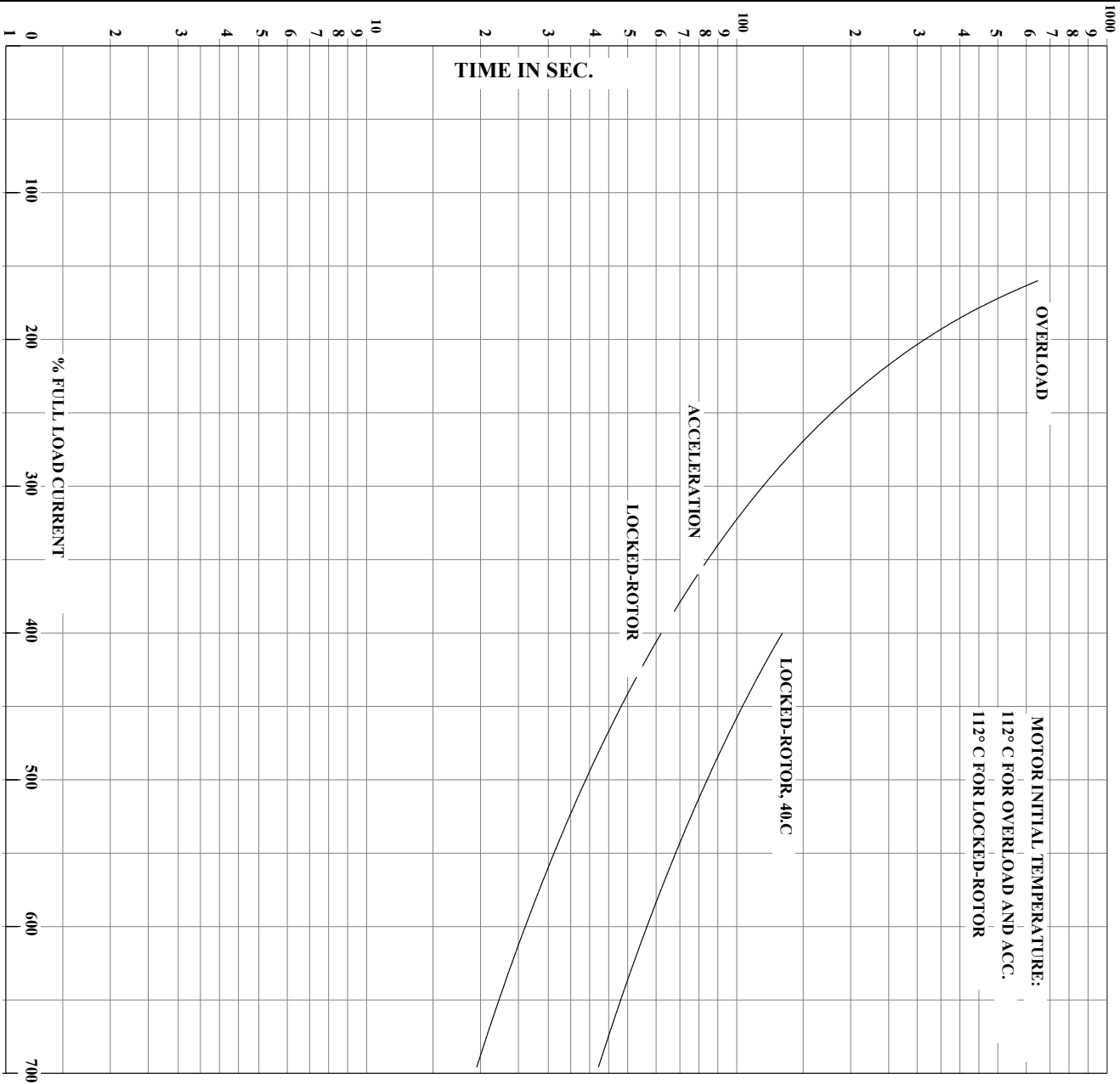
A36WG0054-R001

ISSUE DATE 03/12/19

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REL.S.O.	RPM 1780	S.F. 1.15	ROTOR 418141035YE
FRAME 364T	VOLTS 460	NEMA DESIGN B	TEST S.O. TYPICAL DATA
HP 60	AMPS 68	CODE LETTER G	TEST DATE ---
TYPE P	DUTY CONT	ENCLOSURE TEFC	STATOR RES. @ 25°C .110
PHASE / HERTZ 3/60	AMB °C / INSUL 40/F	E/S 492280	OHMS (BETWEEN LINES)



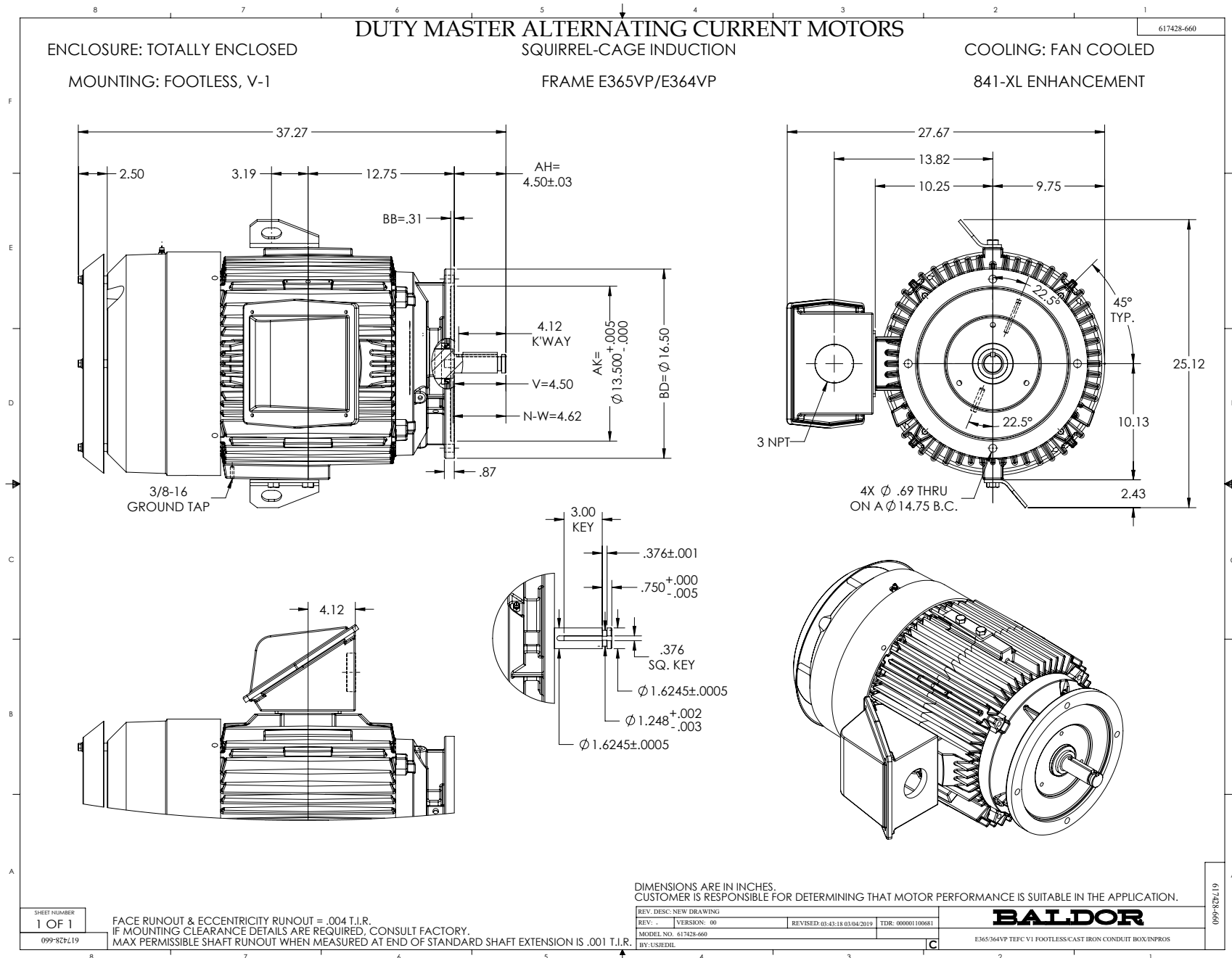
Thermal Limit Curve
XE Motor-Typical Data-NEMA Nom. Eff. 95.0 Pct.

AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

	DRAWN BY: J.P. MCGILL CHECKED BY: K.W. KANOUEE APPROVED BY: K.W. KANOUEE DATE: 12/09/91	AC MOTOR PERFORMANCE DATA	A36WG0054-R001 ISSUE DATE 03/12/19
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416820-036

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 3 LEAD CONNECTED



(N.P. 1575-BA)

416820-036

REV. DESC: LOADED TO BUS, C/R 335225		
REV. LTR: -	VERSION: 00	TDR: 000000538207
FILE: \MGA\00000\682		REVISED: 11: 54: 06 04/30/2010
MTL: -		BY: RAGRA

BALDOR

CONN DIAG - STANDARD 3 LEAD
SH 1 of 1