



Customer information packet

VPECP84314T-4

60HP, 1780RPM, 3PH, 60HZ, 364VP, TEFC, V1

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	CCSA US NEMA PREMIUM UR
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Constant Torque Speed Range	10-60
Current @ Voltage	68.000 A @ 460.0 V
Design Code	B
Drip Cover	Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.0 %
Enclosure Modification	841
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3
Heater Indicator	No Heater
High Voltage Full Load Amps	68.0 a
Insulation Class	F
Inverter Code	Inverter Ready
IP Rating	IP56

Part detail

Revision	E
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG0054
Layout	617428-660
Eff. date	03-15-2024
CD Diagram	416820-036
Poles	04
Leads	3#4
Proprietary	False
Created date	03-05-2019

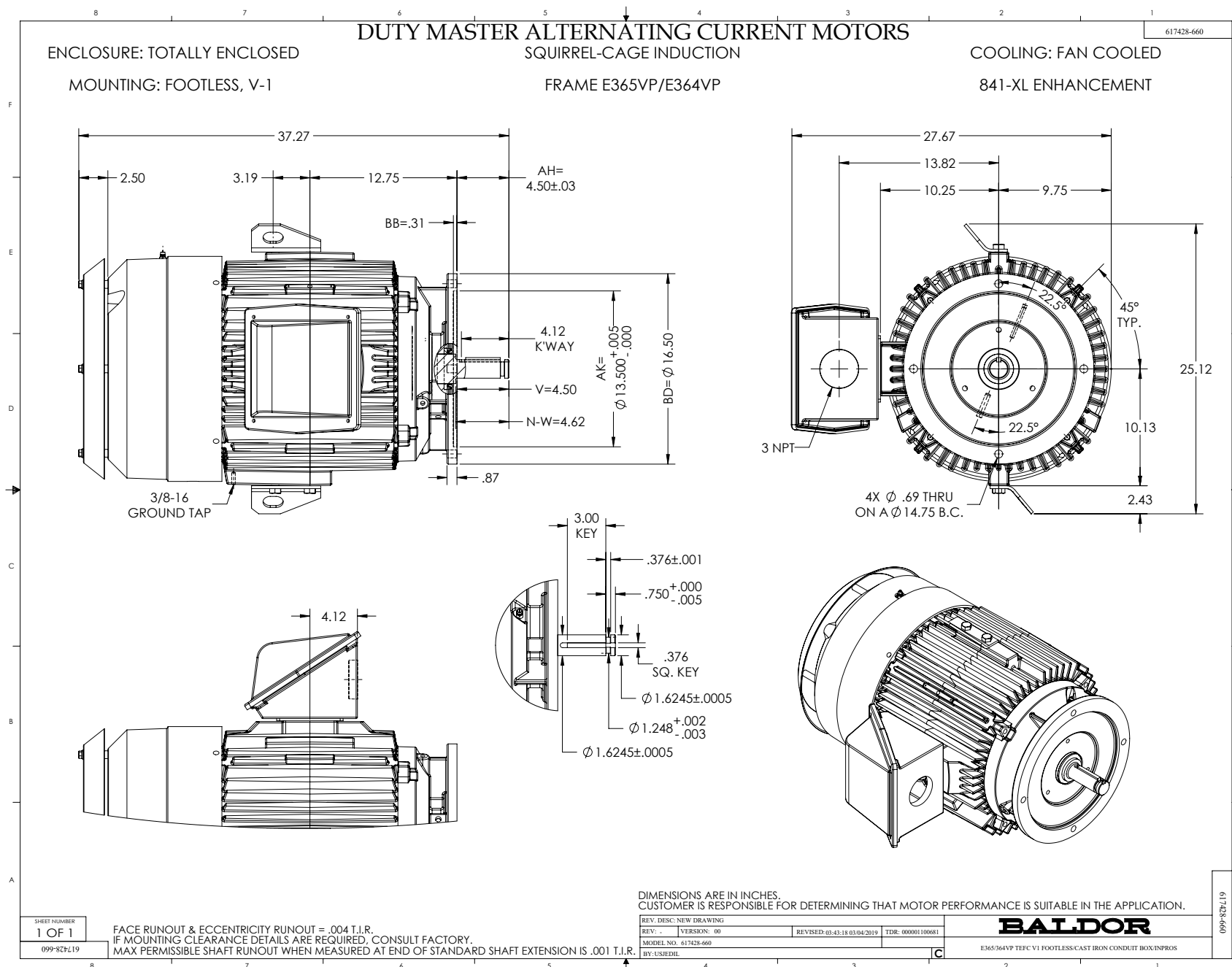
KVA Code	G
Lifting Lugs	Vertical Lifting Lugs
Motor Lead Quantity/Wire Size	3 @ 4 AWG
Motor Standards	NEMA
Motor Type	A36062M
Mounting Arrangement	V1
No Load Current	20.1 a
Number of Poles	4
Overall Length	37.27 IN
Power Factor	87
Product Family	Pump - Centrifugal
Pulley End Bearing Type	Ball
Service 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 - Winding	None

Nameplate

000613007EX				
CAT NO	VPECP84314T-4	SPEC NO.	A36-7107-0054	
NO. ROTOR BARS	47	GREASE TYPE	POLYREX EM	
NO. SLOTS	60	NL AMPS AT RATED VOLTAGE		20.1
5 YEAR WARRANTY		WINDING RES @25 C	.1110	OHMS
MFG. DATE		SER.NO		

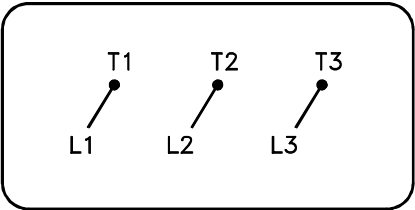
NP4566

CAT NO	VPEC84314T-4		SPEC NO.	A36-7107-0054			
HP	60	AMPS	68	VOLTS	460	DESIGN	B
FRAME SIZE	364VP	RPM	1780	HZ	60	AMB	40
D.E. BRG.DATA	6313	O.D.E. BRG.DATA	7310	PH	3	DUTY	CONT
D.E. BRG.	65BC03JP30X	TYPE	ENCL	TEFC	CODE	G	
O.D.E. BRG.	BA2B_459310	POWER FACTOR	87	NEMA-NOM-EFFICIENCY	95		
3/4 LOAD EFF.	95.3	IP	56	MAX CORR KVAR	10	GUARANTEED EFFICIENCY	94.1
TEMP CODE	T3	TEMP =	200				
CHP HZ	60-90	CT HZ	10-60	VT HZ	0-60		
INVERTER-TEMP-CODE	T3						
SER.NO.		MOTOR WEIGHT					



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
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