



Customer information packet

VPECP84313T-4

75HP, 3555RPM, 3PH, 60HZ, 365VP, TEFC, V1

Class - None

Division - Division II

Specifications

Enclosure	TEFC
Frame	365LP
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	75.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	CCSA US NEMA PREMIUM UR
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	No Mounting
Bearing Grease Type	Polyrex EM (-20F +300F)
Constant Torque Speed Range	15-60
Current @ Voltage	81.500 A @ 460.0 V
Design Code	B
Drip Cover	Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	93.6 %
Enclosure Modification	841
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3
Heater Indicator	No Heater
High Voltage Full Load Amps	81.5 a
Insulation Class	F
Inverter Code	Inverter Ready
IP Rating	IP56

Part detail

Revision	D
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG1544
Layout	617428-660
Eff. date	03-15-2024
CD Diagram	416820-036
Poles	02
Leads	3#2
Proprietary	False
Created date	02-28-2019

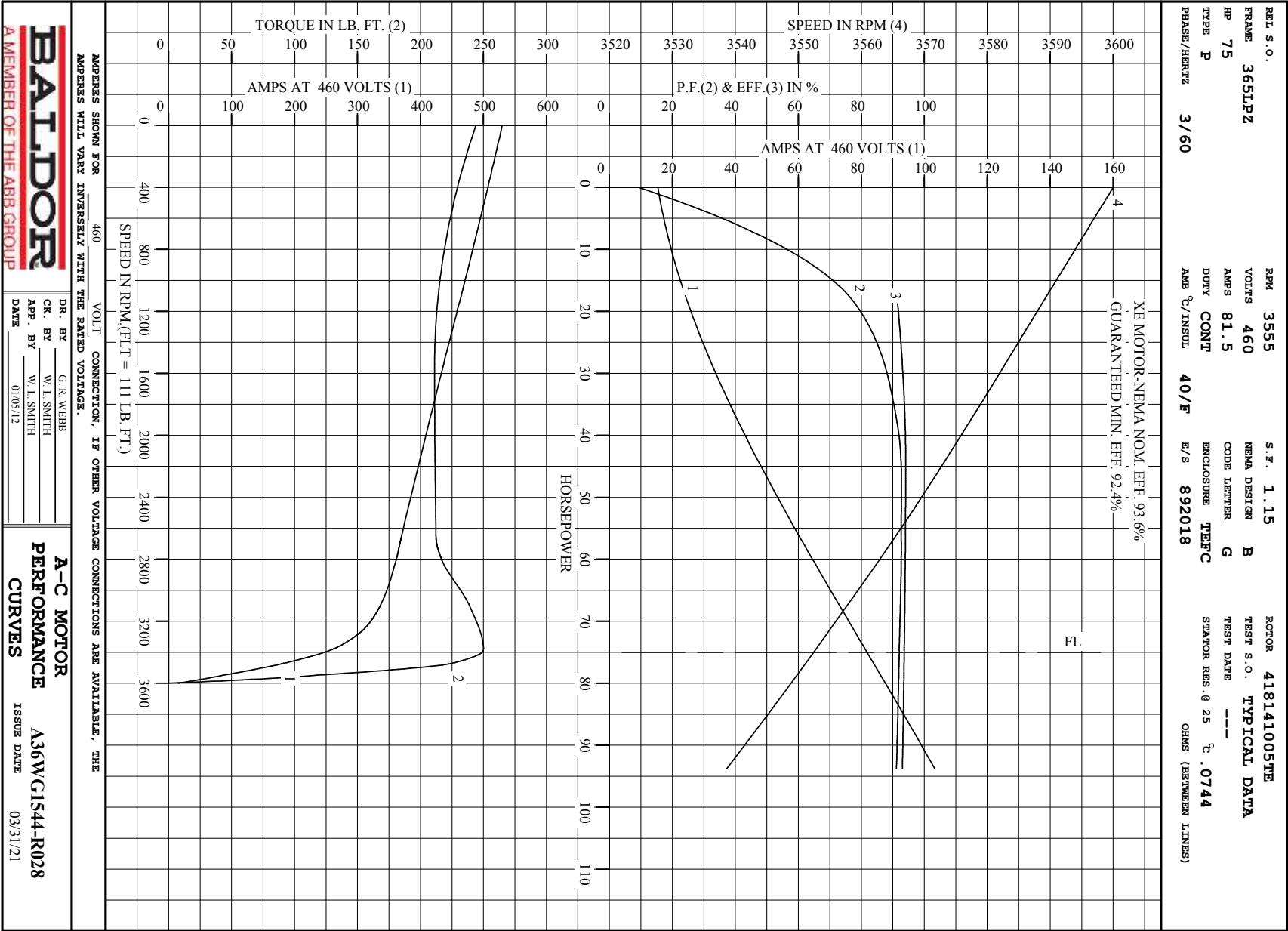
KVA Code	G
Lifting Lugs	Vertical Lifting Lugs
Motor Lead Quantity/Wire Size	3 @ 2 AWG
Motor Standards	NEMA
Motor Type	A36068M
Mounting Arrangement	V1
No Load Current	15.5 a
Number of Poles	2
Overall Length	37.27 IN
Power Factor	92
Product Family	Pump - Centrifugal
Pulley End Bearing Type	Ball
Service Factor	1.15
Shaft Diameter	2.124 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	3555 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Winding	None

Nameplate

000613007EX				
CAT NO	VPECP84313T-4	SPEC NO.	A36-9017-1544	
NO. ROTOR BARS	38	GREASE TYPE	POLYREX EM	
NO. SLOTS	48	NL AMPS AT RATED VOLTAGE		15.5
5 YEAR WARRANTY		WINDING RES @25 C	.0744	OHMS
MFG. DATE		SER.NO		
	SFA 94.3			

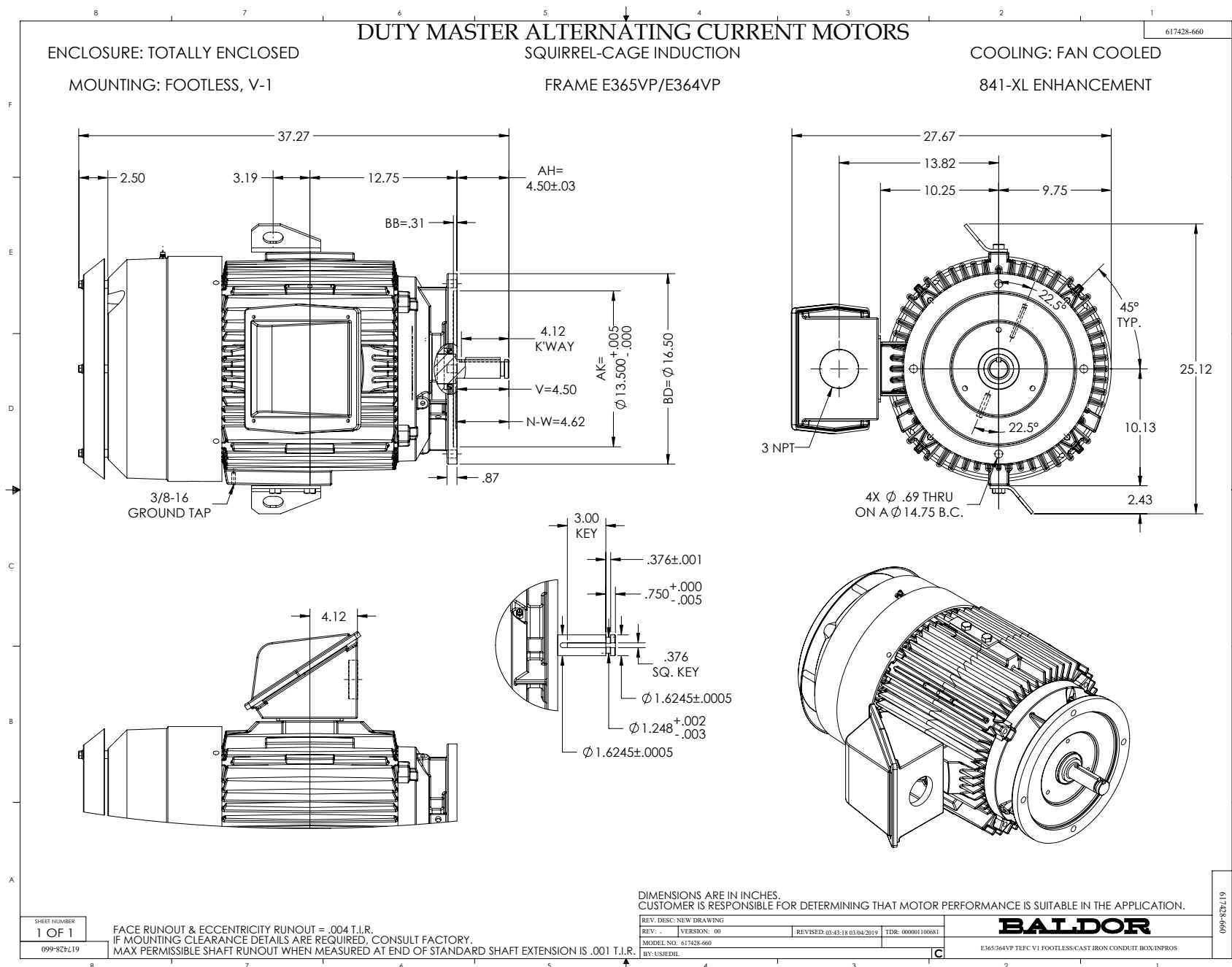
NP4566

CAT NO	VPECP84313T-4		SPEC NO.		A36-9017-1544							
HP	75	AMPS	81.5		VOLTS		460		DESIGN		B	
FRAME SIZE	365VP	RPM	3555	HZ	60	AMB	40	SF	1.15			
D.E. BRG.DATA	6313	O.D.E. BRG.DATA			7310		PH	3	DUTY	CONT	INSUL.CLASS	F
D.E. BRG.	65BC03JP30X		TYPE	ENCL	TEFC	CODE	G					
O.D.E. BRG.	BA2B_459310		POWER FACTOR			92		NEMA-NOM-EFFICIENCY			93.6	
3/4 LOAD EFF.	94.0	IP	56	MAX CORR KVAR			5		GUARANTEED EFFICIENCY			92.4
TEMP CODE	T3	TEMP =	200									
CHP HZ	60-75	CT HZ	15-60	VT HZ	0-60							
INVERTER-TEMP-CODE	T3											
SER.NO.				MOTOR WEIGHT								



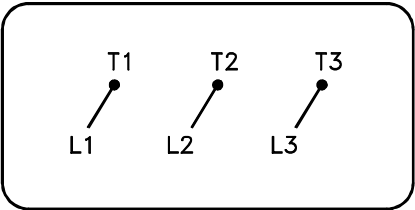
Printed on 3/31/21 13:29 @ bengap01.baldor.com

Printed on 3/31/21 13:29 @ bengap01.ba



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