



Customer information packet

ECP84308T-4

40HP, 1190RPM, 3PH, 60HZ, 364T, A36062M, TEFC

Class - CLI GP A,B,C,D

Division - Division II

Specifications

Enclosure	TEFC
Frame	364T
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	CL I GP A,B,C,D
Haz Area Division	Division II
Motor Letter Type	Three Phase
Output @ Frequency	40.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	CCSAUSEEV NEMA PREMIUM NEMA_PREMIUM UR CCSA US
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Constant Torque Speed Range	6-60
Current @ Voltage	49.400 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	94.1 %
Enclosure Modification	841
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3A
Heater Indicator	No Heater
High Voltage Full Load Amps	49.4 a
Insulation Class	F

Part detail

Revision	Q
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG0043
Layout	617428-603
Eff. date	08-26-2024
CD Diagram	416820-036
Poles	06
Leads	3#4
Proprietary	False
Created date	11-26-2018

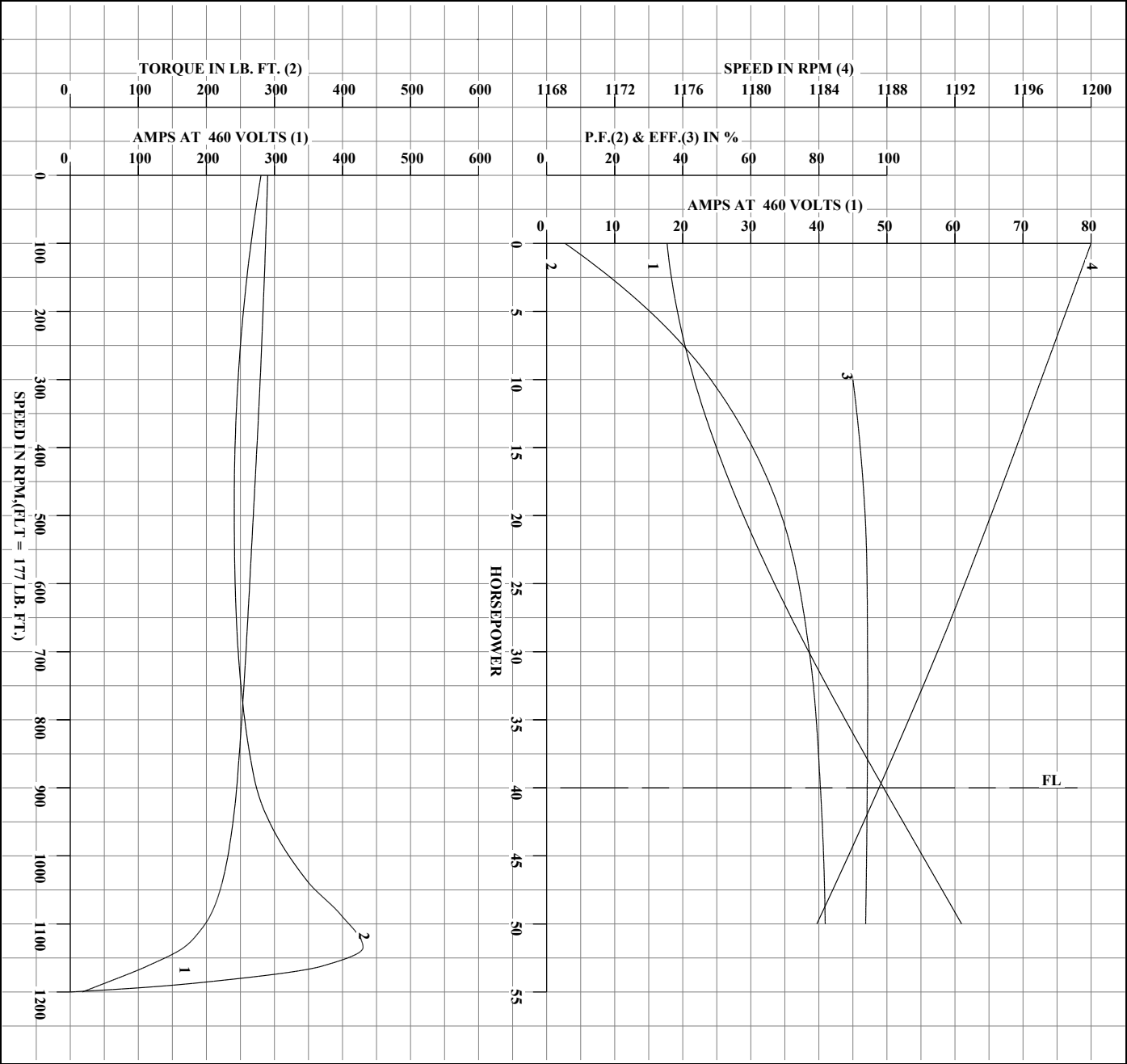
Inverter Code	Inverter Ready
IP Rating	IP56
KVA Code	G
Lifting Lugs	Standard Lifting Lugs
Max Speed	1800 rpm
Motor Lead Quantity/Wire Size	3 @ 4 AWG
Motor Standards	NEMA
Motor Type	A36062M
Mounting Arrangement	F1
No Load Current	17.7 a
Number of Poles	6
Overall Length	33.49 IN
Power Factor	80
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	2.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Phase Seq-Std Rot (CCWODE)
Shaft Slinger Indicator	No Slinger
Speed	1190 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

NP4388																
CAT #	ECP84308T-4						FR	364T			IP56					
SPEC	A36-6000-0043						ENCL	TEFC			DES	B				
HZ	60	PH	3	CL	F	HP	40	SF	1.15	PF	80	%	CODE	G		
VOLTS	460					AMPS	49.4									
RPM	1190		MAX RPM		1800		SER									
NEMA NOM. EFF	94.1	%		RATING		40C AMB-CONT										
GUAR MIN. EFF	93	%		BRG DE		6313			BRG ODE		6313					
CL I DIV 2 GRPS A,B,C,D	CL I ZONE 2 GRPS						IIA,IIB,IIC			TEMP T		3-200		C		
CT HZ	6-60		VT HZ		0-60											
CHP HZ	60-90		INV TEMP CL				200	C								
								MTR WT	927	LBS						

NP4333									
CAT #	ECP84308T-4		ROTOR BARS		55				
SPEC	A36-6000-0043		STATOR SLOTS		72				
SER			MAX CORR KVAR		12				
GREASE	POLYREX EM								
ABMA DE BRG	65BC03J30X		ODE	65BC03J30X					
SPACE HEATER LEADS H1-H2:		TIE LIKE NUMBERS			TOGETHER				
MAX. SPACE HEATER TEMP.		C	V		A		W		

REL.S.O.	FRAME 364T	RPM 1190	S.F. 1.15	ROTOR 418141-74EE
HP 40		VOLTS 460	NEMA DESIGN B	TEST S.O. TYPICAL DATA
TYPE P	AMPS 49.4	CODE LETTER G	ENCLOSURE TEFC	TEST DATE ---
PHASE / HERTZ 3/60	DUTY CONT	AMB °C / INSUL. 40/F	E/S 491377	STATOR RES. @ 25°C .152
				OHMS (BETWEEN LINES)



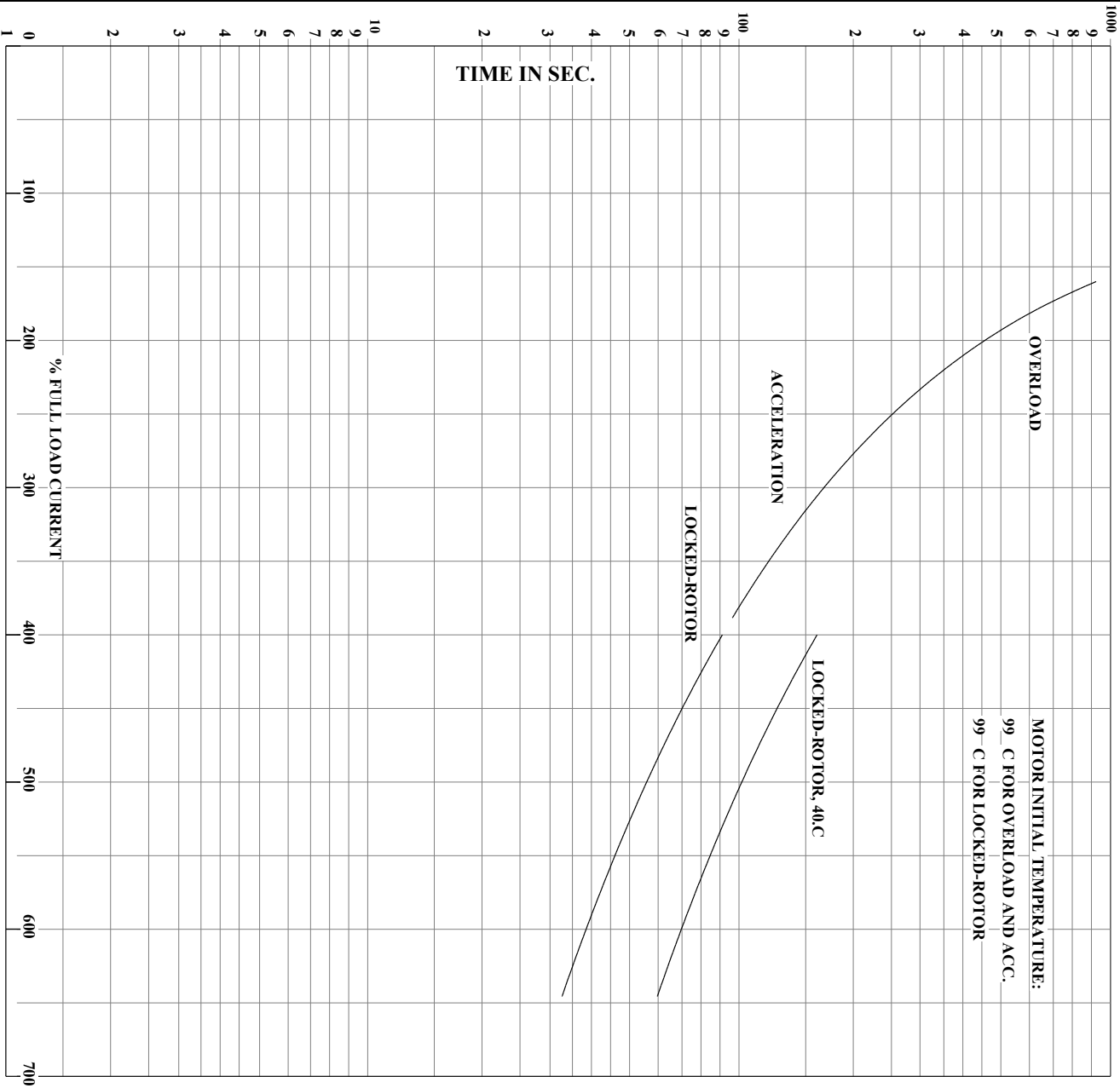
AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

	DRAWN BY: G. R. WEBB CHECKED BY: W. L. SMITH APPROVED BY: W. L. SMITH DATE: 07/14/15	AC MOTOR PERFORMANCE DATA	A36WG0043-R005 ISSUE DATE 09/04/18
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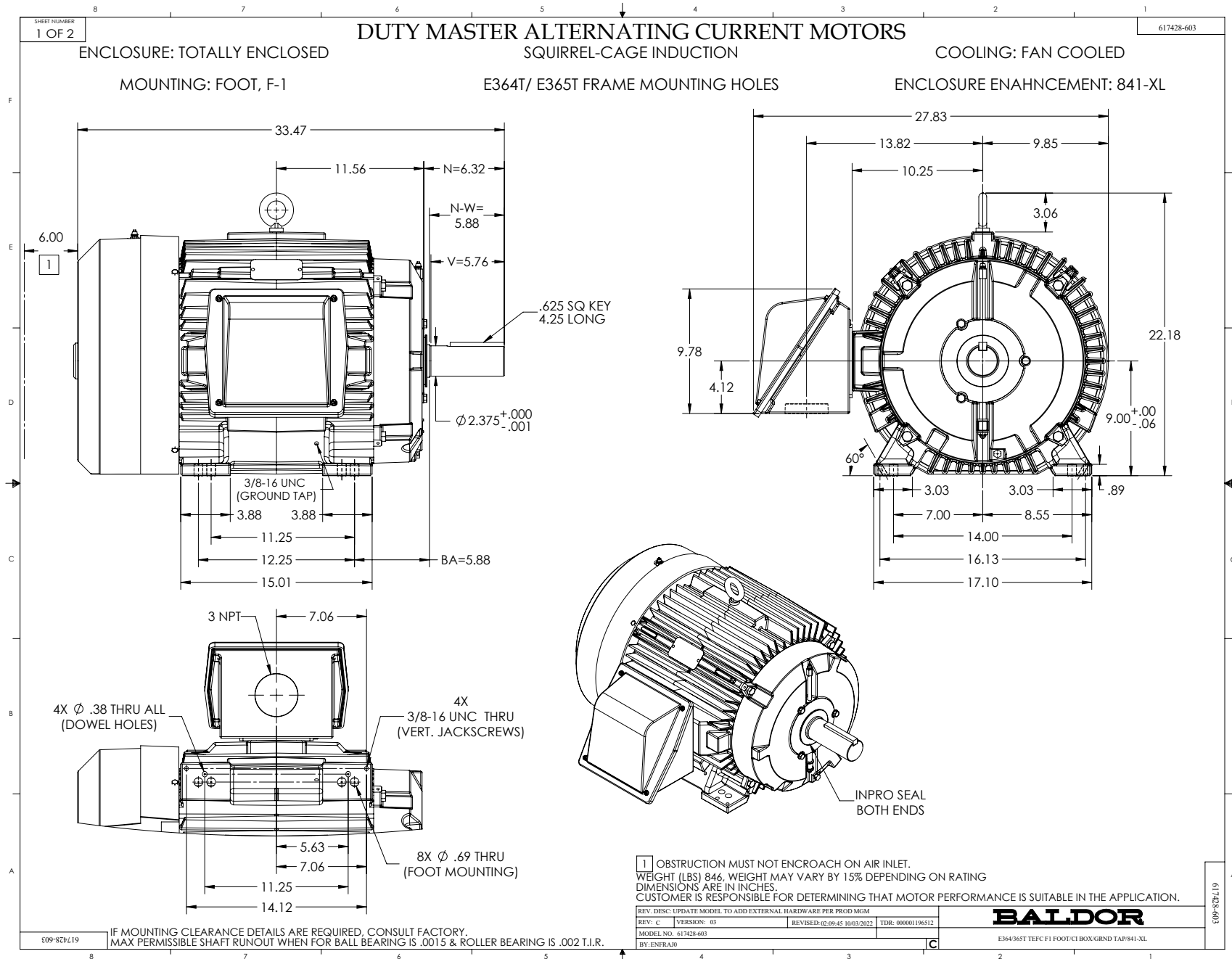
THERMAL LIMIT CURVE

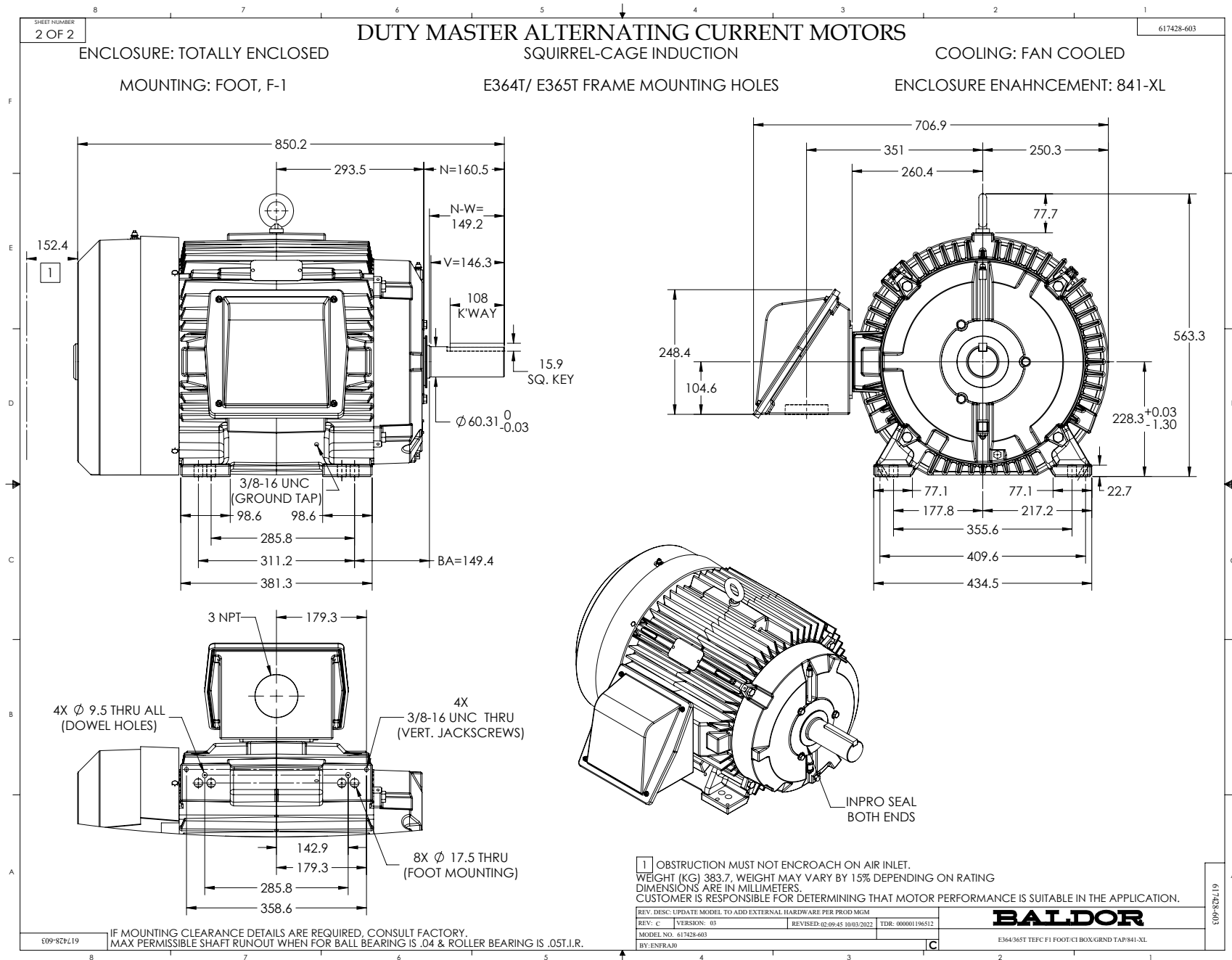
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416820-036

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