



Customer information packet

ECP4308T-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
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 %
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3A
Heater Indicator	No Heater
High Voltage Full Load Amps	49.4 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	G

Part detail

Revision	W
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG0043
Layout	617428-034
Eff. date	08-26-2024
CD Diagram	416820-036
Poles	06
Leads	3#4
Proprietary	False
Created date	10-19-2010

Lifting Lugs	No Lifting Lugs
Max Speed	1800 rpm
Motor Lead Quantity/Wire Size	3 @ 4 AWG
Motor Standards	NEMA
Motor Type	A36062M
Mounting Arrangement	F1
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	Reversible
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

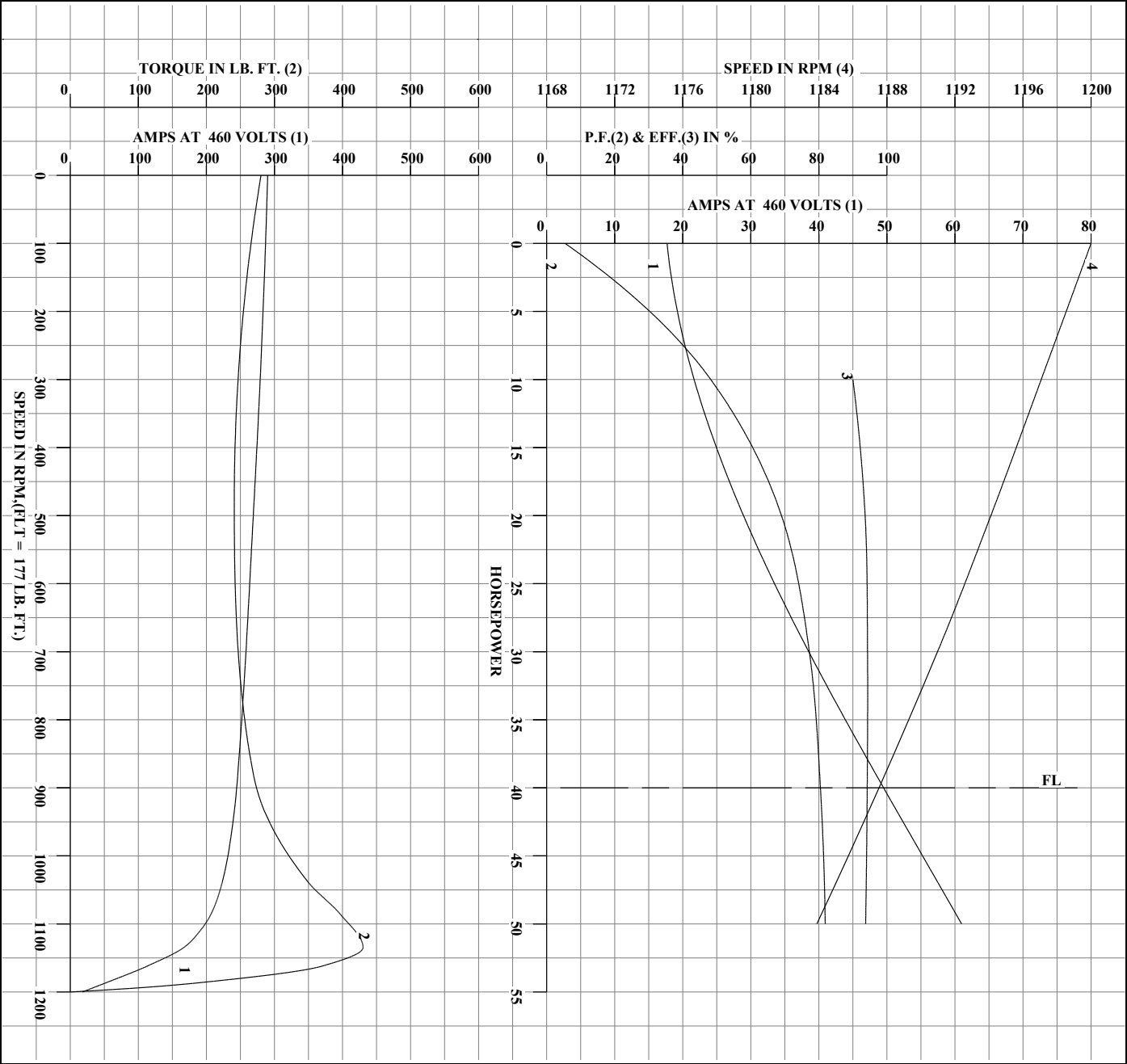
NP4033LUA

CAT #		ECP4308T-4					SER					CC	010A					
SPEC		P36G466					RATING		40C AMB-CONT									
HZ		VOLTS			AMPS			RPM		HP	CODE	-	SF	DES	PF	NEMA NOM. EFF		
60		460			49.4			1190		40	G		1.15	B	80	%	94.1	%
																%		%
PH	3	CL	F	MAX RPM		1800	MAX CORR KVAR			12								
BRG		DE	6313		ODE	6313		ENCL	TEFC	FR	364T		IP	55				
GREASE		POLYREX EM									MTR WT		893	LBS				
CL I DIV 2 GRPS A,B,C,D					CL I ZONE 2 GRPS					IIA,IIB,IIC					TEMP T		200	C
INV READY		CT	6-60		HZ	10:1		VT	0-60		HZ	1000:1		CHP	60-90		HZ	1.5:1
INV TEMP CL			200	C	USABLE AT			50HZ 30HP 380V 45A SF1.0										

Accessories

Part number	Description	Multiplier
K36G2	C-FACE KIT	A8

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	TEST DATE ---
PHASE / HERTZ 3/60		DUTY CONT	ENCLOSURE TEFC	STATOR RES. @ 25°C .152
		AMB °C / INSUL. 40/F	E/S 491377	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

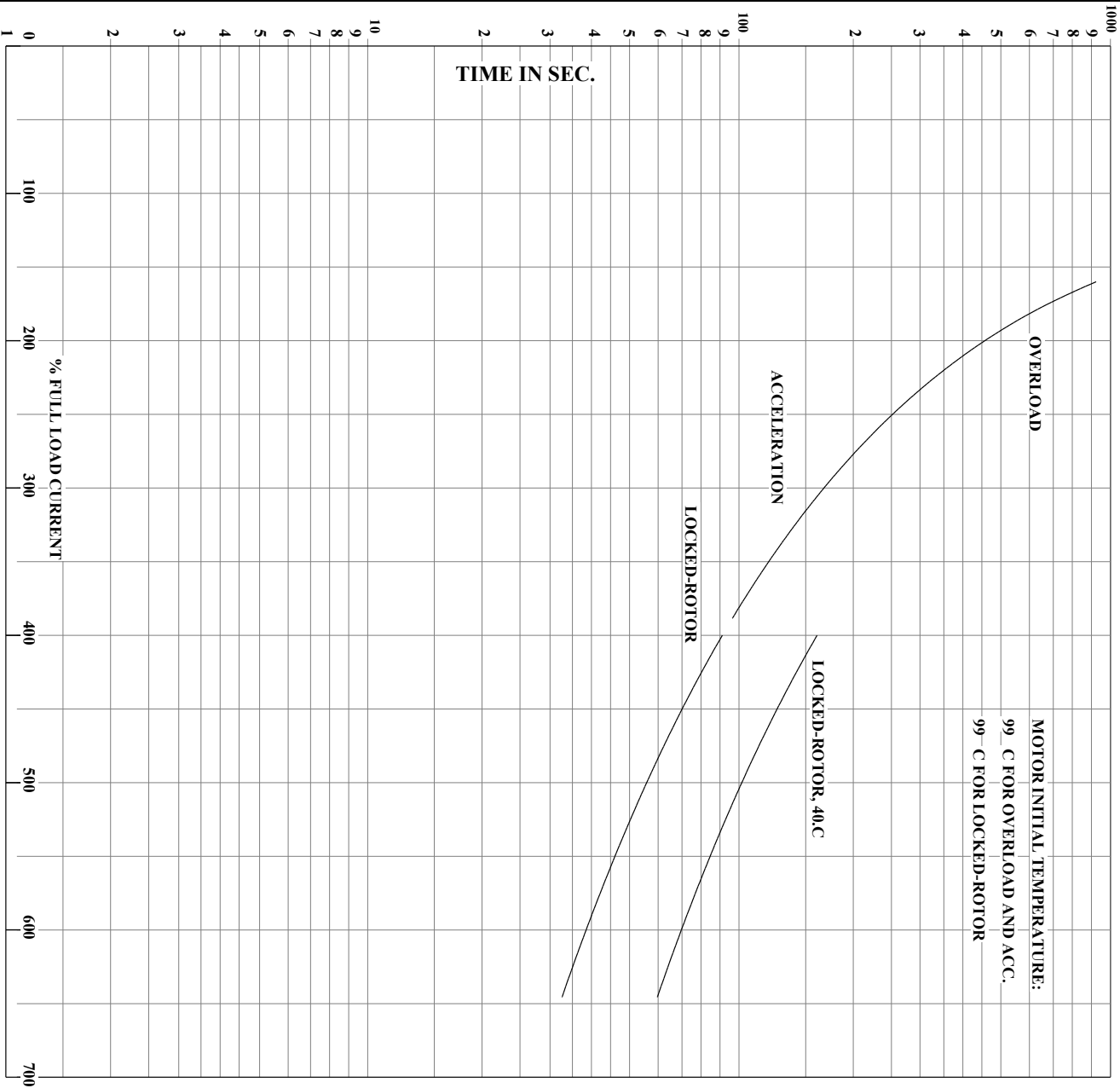
A36WG0043-R005

ISSUE DATE 09/04/18

USERCHRI

Printed on 09/10/2021 7:40 AM

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



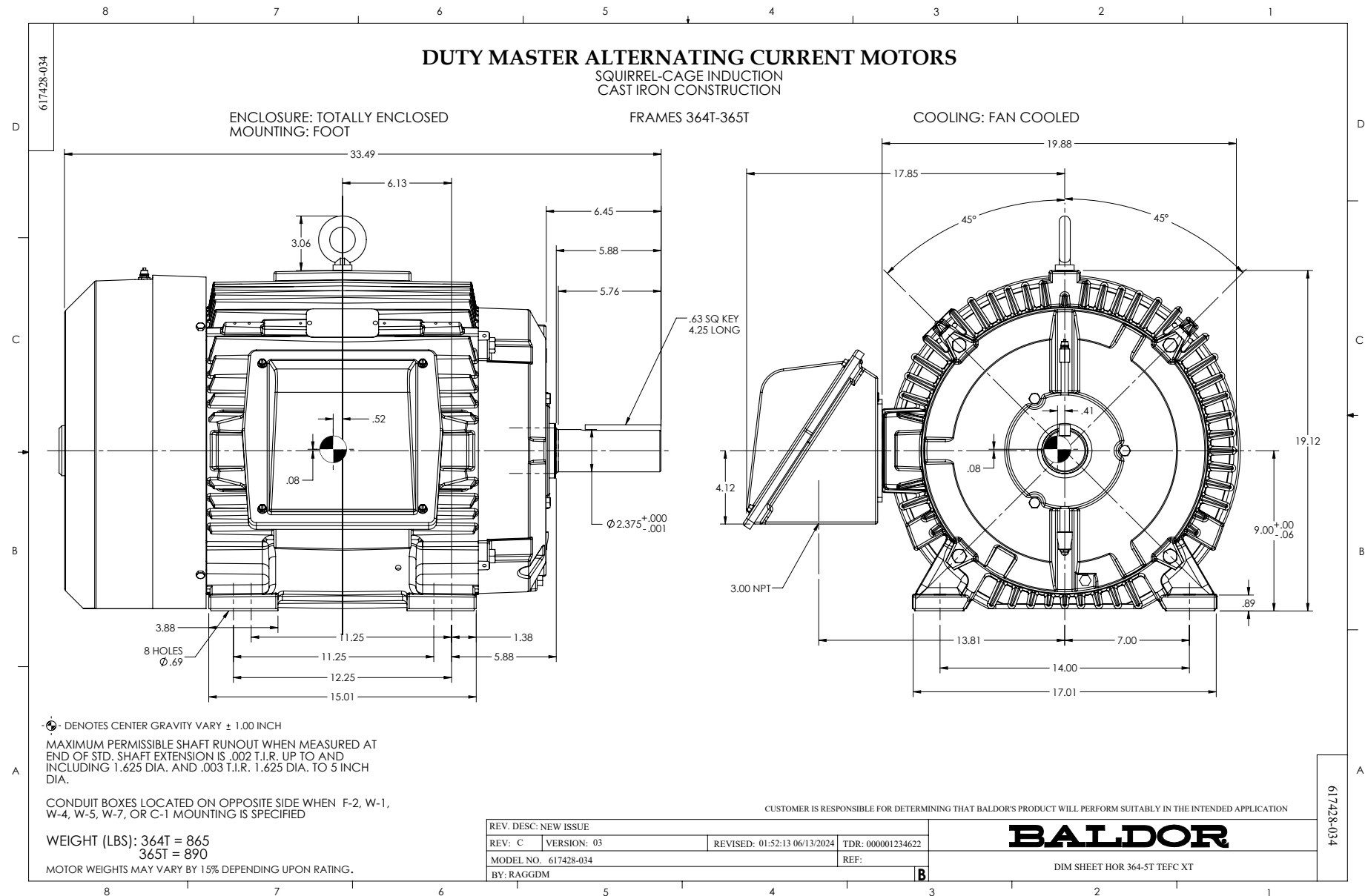
THERMAL LIMIT CURVE

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
--	---	---------------------------------	---------------------------------------

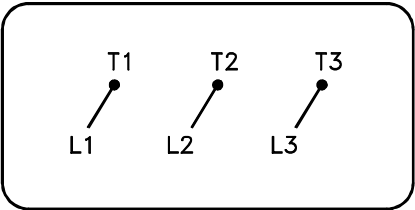
USERCHRI

Printed on 09/10/2021 7:40 AM



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