



Customer information packet

ECP844206TR-5

200HP, 1190RPM, 3PH, 60HZ, 449T, TEFC, FOOT,
Class - CLI GP A,B,C,D
Division - Division II

Specifications

Enclosure	TEFC
Frame	449T
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	200.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	575.0 V @ 60 HZ
Agency Approvals	UR CCSA US
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Mobil SHC 220 (Athens Only)
Constant Torque Speed Range	30-60
Current @ Voltage	180.000 A @ 575.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.8 %
Enclosure Modification	841
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3
Heater Indicator	No Heater
High Voltage Full Load Amps	180.0 a
Insulation Class	F
Inverter Code	Not Inverter
IP Rating	IP56
KVA Code	G

Part detail

Revision	F
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG1498
Layout	617434-667
Eff. date	12-11-2023
CD Diagram	416820-036
Poles	06
Leads	3#2/0
Proprietary	False
Created date	12-10-2018

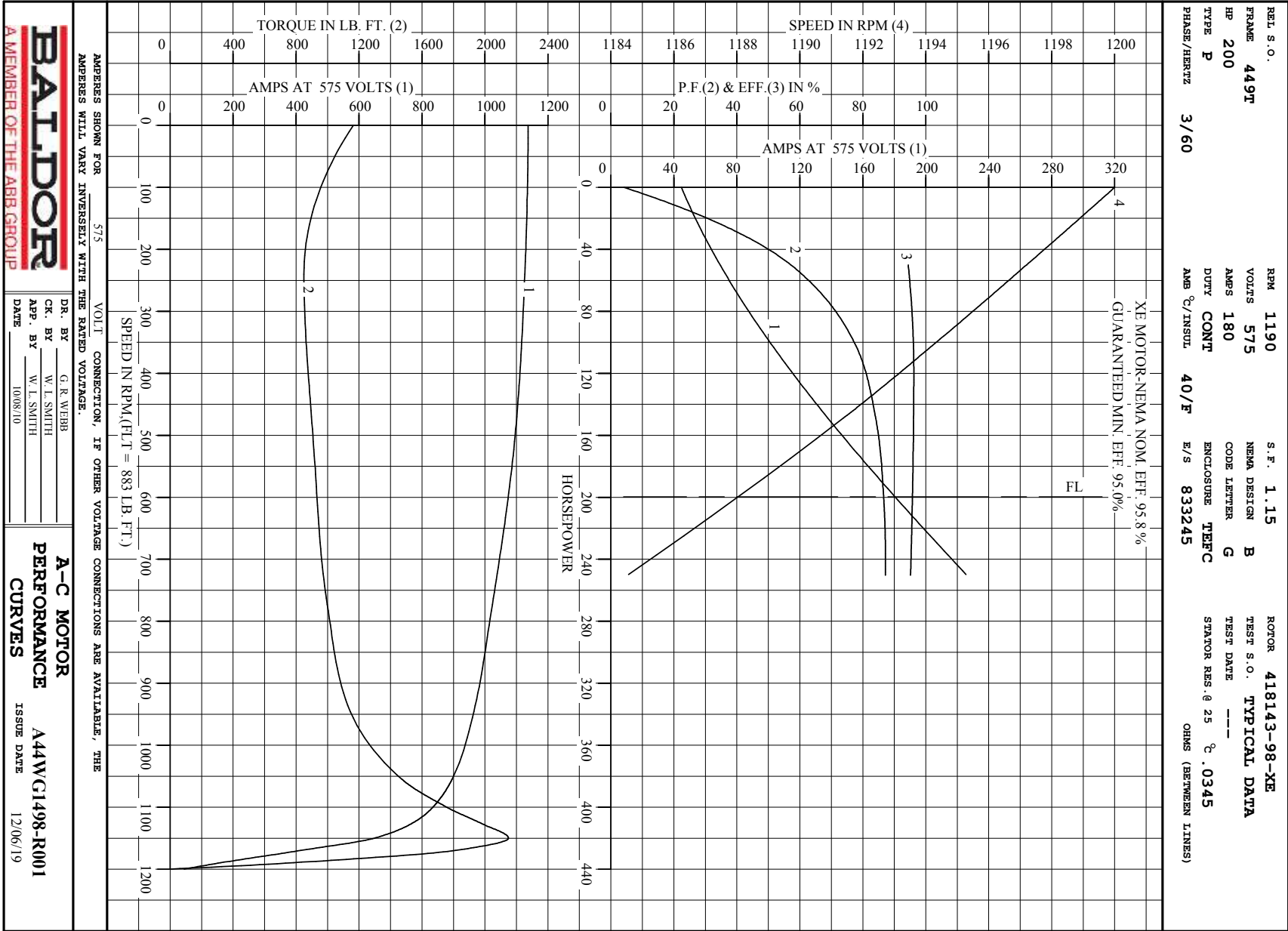
Lifting Lugs	No Lifting Lugs
Motor Lead Quantity/Wire Size	3 @ 2/0 AWG
Motor Standards	Other
Motor Type	A44160M
Mounting Arrangement	F1
No Load Current	44.2 a
Number of Poles	6
Overall Length	53.27 IN
Power Factor	87
Pulley End Bearing Type	Roller
Pulley Face Code	C-Face
Service Factor	1.15
Shaft Diameter	3.375 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

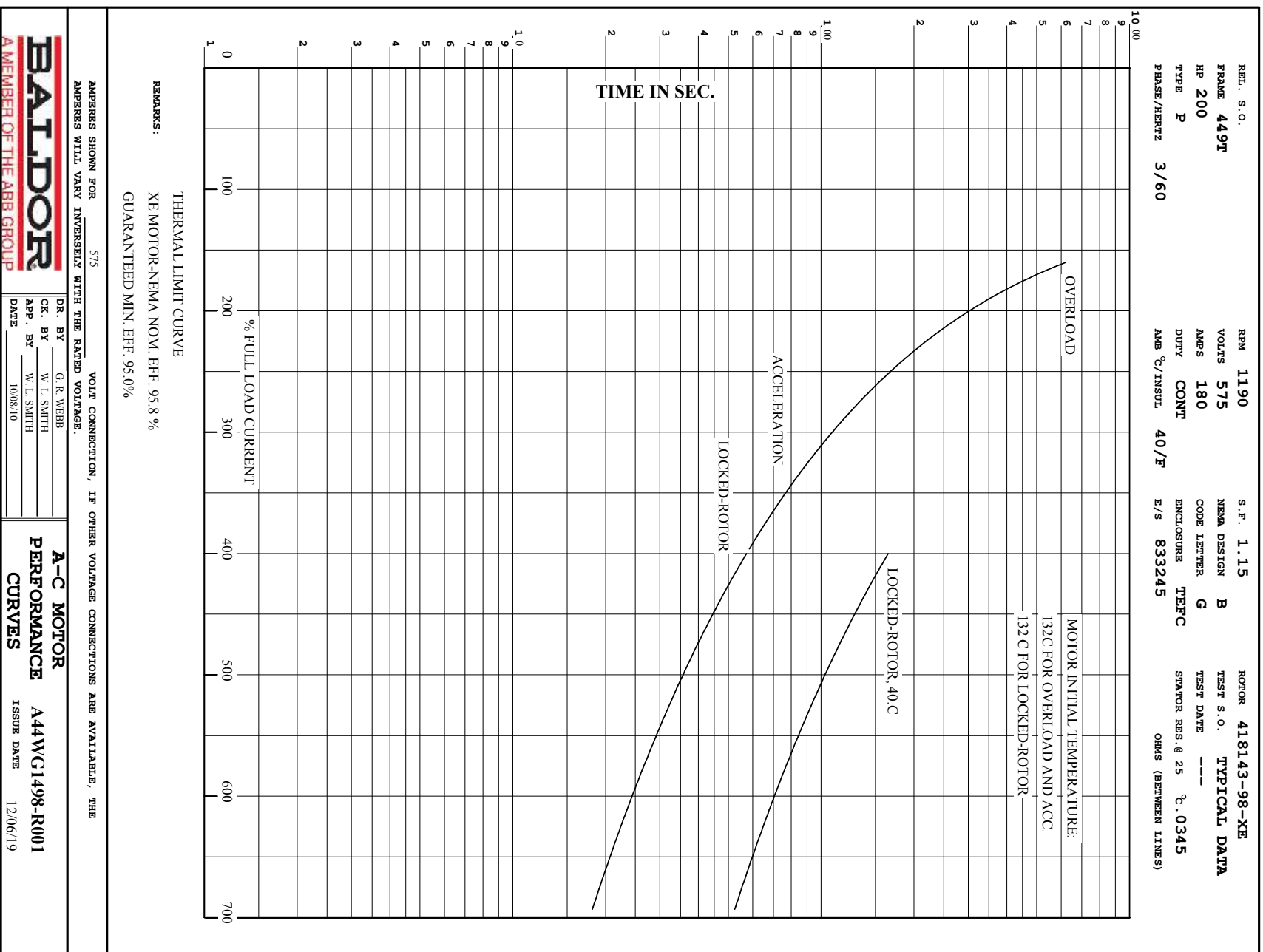
NP4566													
CAT NO	ECP844206TR-5			SPEC NO.		A44-1503-1498							
HP	200	AMPS	180		VOLTS		575		DESIGN	B			
FRAME SIZE	449T	RPM	1190	HZ	60	AMB	40	SF	1.15				
D.E. BRG.DATA	NU222	O.D.E. BRG.DATA			6318		PH	3	DUTY	CONT	INSUL.CLASS	F	
D.E. BRG.	110RU02M30X			TYPE	ENCL	TEFC	CODE	G					
O.D.E. BRG.	90BC03J30X			POWER FACTOR		87		NEMA-NOM-EFFICIENCY			95.8		
3/4 LOAD EFF.	96.5	IP	56	MAX CORR KVAR			35.0		GUARANTEED EFFICIENCY			95	
TEMP CODE	T3	TEMP =	200										
CHP HZ	60-90	CT HZ	30-60	VT HZ	0-60								
INVERTER-TEMP-CODE	T3												
SER.NO.				MOTOR WEIGHT									

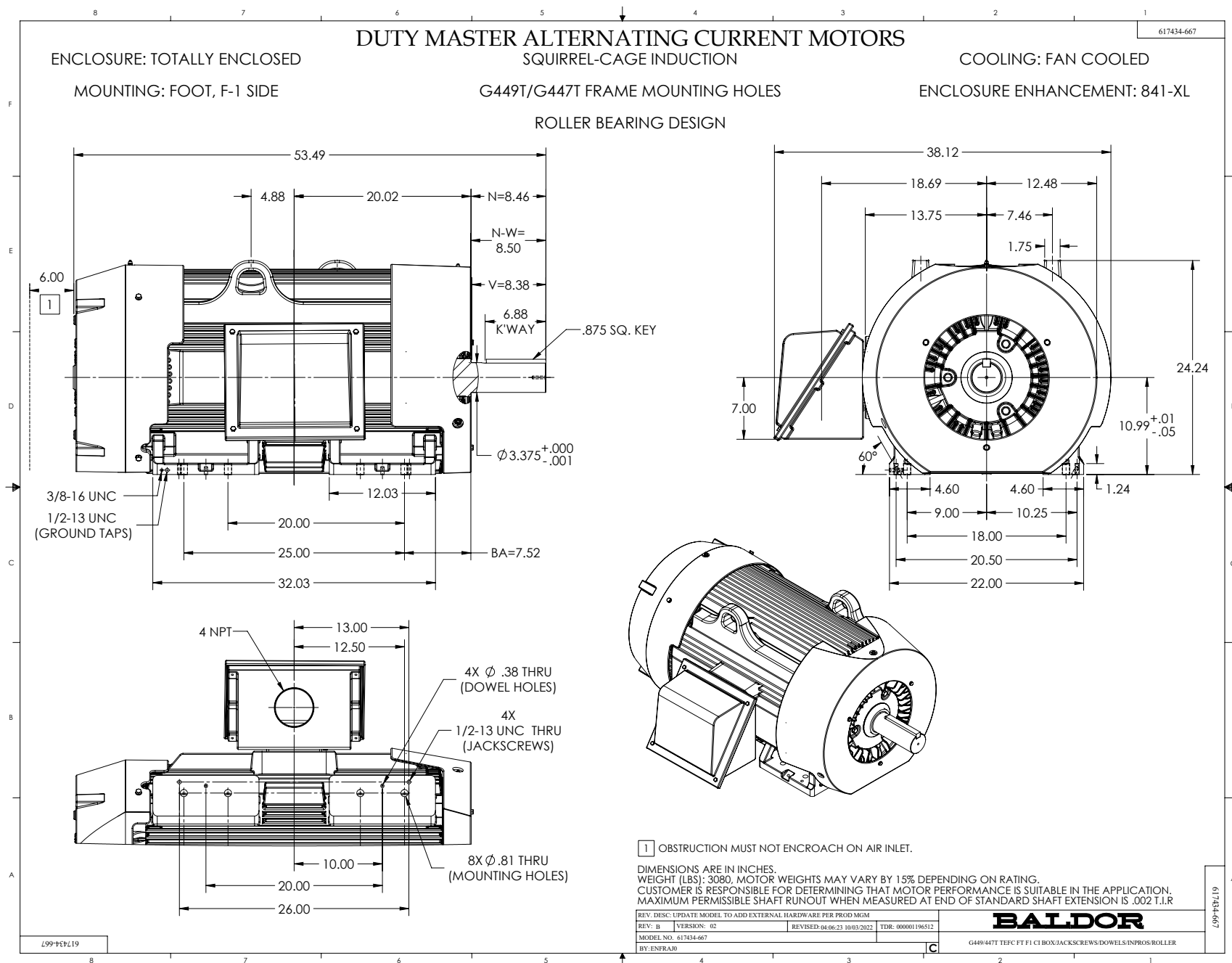
000613007EX				
CAT NO	ECP844206TR-5	SPEC NO.	A44-1503-1498	
NO. ROTOR BARS	71	GREASE TYPE	MOBIL SHC 220	
NO. SLOTS	90	NL AMPS AT RATED VOLTAGE		44.2
5 YEAR WARRANTY		WINDING RES @25 C	.0345	OHMS
MFG. DATE		SER.NO		

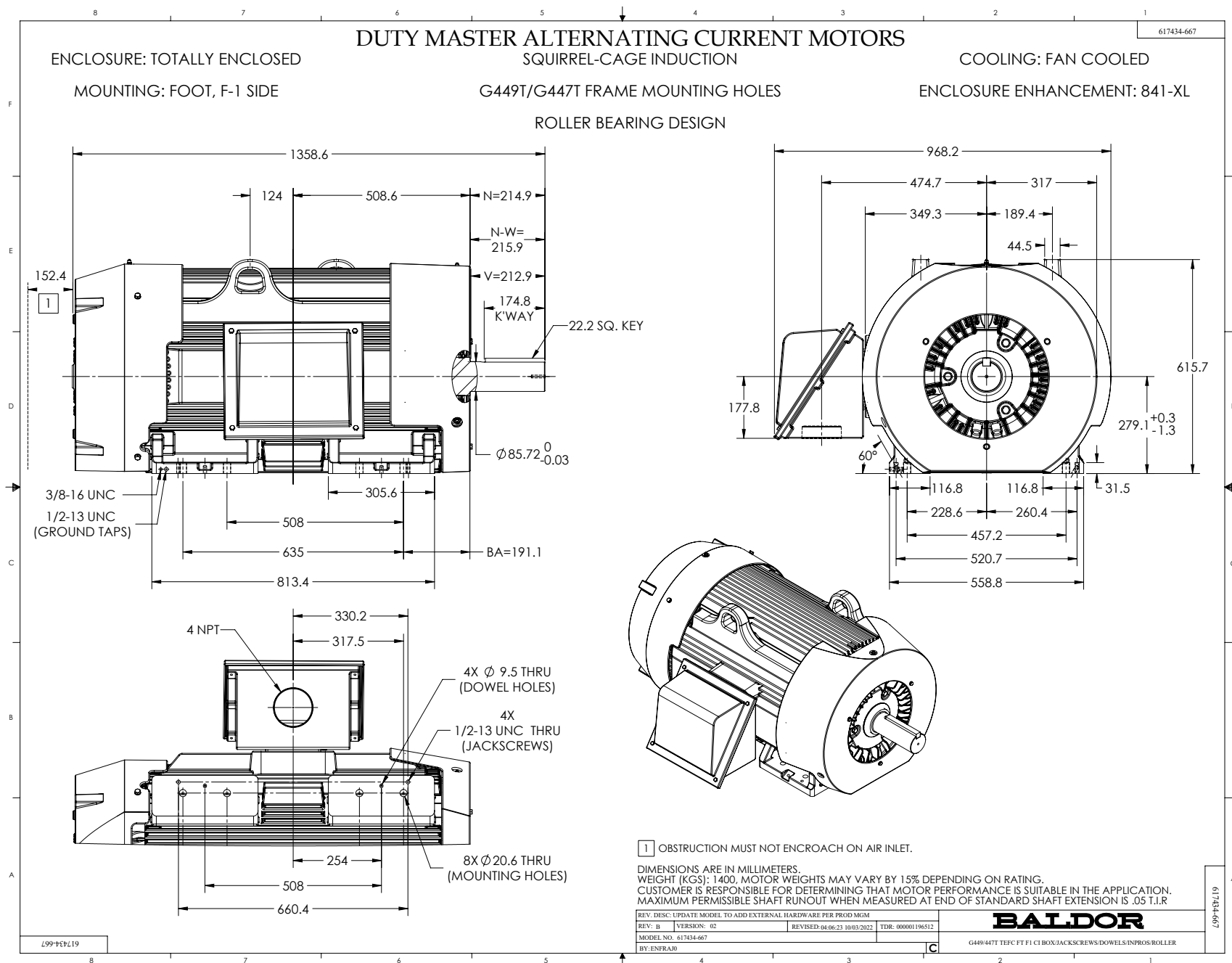
NP2496L	
MOBIL SHC -220 GREASE	



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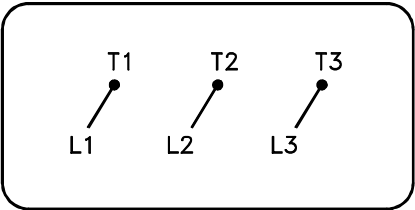






416820-036

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 3 LEAD CONNECTED



(N.P. 1575-BA)

416820-036

REV. DESC: LOADED TO BUS, C/R 335225			BALDOR CONN DIAG - STANDARD 3 LEAD SH 1 of 1
REV. LTR: -	VERSION: 00	TDR: 000000538207	
FILE: \MGA\00000\682		REVISED: 11: 54: 06 04/30/2010	
MTL: -		BY: RAGRA	