



Customer information packet

SPM4407TR-4

200HP, 1790RPM, 3PH, 60HZ, 447T, A44124M, TEFC

Class - CLI GP A,B,C,D; CLII GP F,G

Division - Division II

Specifications

Enclosure	TEFC
Frame	447T
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	CLI GP A,B,C,D; CLII GP F,G
Haz Area Division	Division II
Motor Letter Type	Three Phase
Output @ Frequency	200.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	NEMA PREMIUM CURUSEEV CCSAUSEEV
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Mobil SHC 220 (Athens Only)
Current @ Voltage	224.000 A @ 460.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	96.5 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	224.0 a
Insulation Class	H
Inverter Code	Inverter Duty
KVA Code	H
Lifting Lugs	Standard Lifting Lugs
Max Speed	2700 rpm
Motor Lead Quantity/Wire Size	6 @ 2/0 AWG

Part detail

Revision	D
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG6734
Layout	617435-192
Eff. date	12-10-2025
CD Diagram	416820-036
Poles	04
Leads	3#2/0 (02 per group) Y
Proprietary	False
Created date	10-09-2023

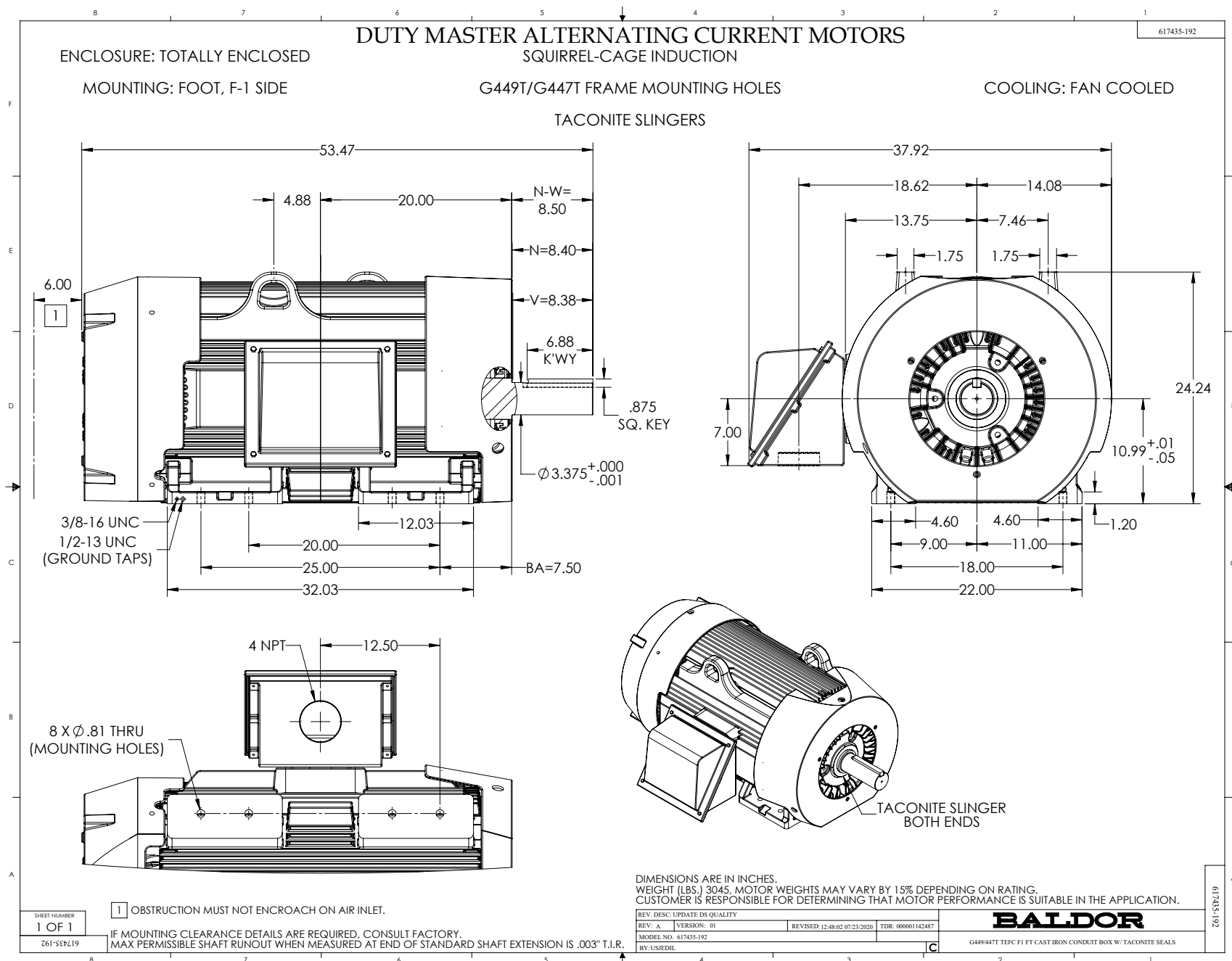
Motor Standards	NEMA
Motor Type	A44124M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	53.47 IN
Power Factor	87
Product Family	General Industrial
Pulley End Bearing Type	Roller
Service Factor	1.15
Shaft Diameter	3.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1790 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Winding	None

Nameplate

NP2496L	
MOBIL SHC -220 GREASE	

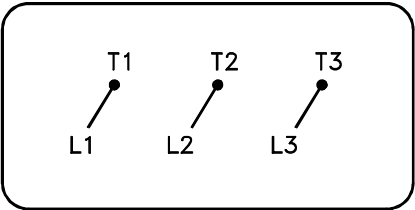
NP4562L

CAT NO	SPM4407TR-4			SPEC NO.			A44-5011-6734			I.P.		55				
HP	200		AMPS	227		VOLTS	460		DESIGN	A						
FRAME SIZE	449T		RPM	1790		MAX RPM	2700	HZ	60	AMB	40	C				
D.E. BRG.	110RU02M30X			PH.3	3	DUTY	CONT		INSUL.CLASS	F						
O.D.E. BRG.	90BC03J30X			TYPE P	P	ENCL	TEFC	SF	1.15	CODE	J					
POWER FACTOR	85		MAX CORR KVAR			43		NEMA NOM EFFICIENCY			96.5		MOTOR WEIGHT		LBS	
CL.I,DIV 2,GRP:	A,B,C,D		T.CODE	T3		CL.1,ZONE 2,GRP:				IIA,IIB,IIC		T=	200	C	INVERTER T.CODE	T3
CL.II,DIV 2,GRP:	F,G		T.CODE	T3C		CL II ZONE 22 GRPS IIIB				T=	160	C	INVERTER T.CODE		T3C	
ID LOGO	INV TYPE:		VPWM	CT	30	TO	60	VT	3	TO	60	CHP	60	TO	90	
ID LOGO	1.0 SF VPWM		WK2	81.8		LBFT2	SL HZ		0.37		MAG CUR	74.5				
SER.NO.				MEETS INTENT OF IEEE-45						FOR WEATHER PROTECTION						



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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