ABB BALDOR RELIANCE

Customer information packet

CSPM4314T

60HP, 1785RPM, 3PH, 60HZ, 364TC, A36070M, TEFC
Class - CLI GP A,B,C,D; CLII GP F,G
Division - Division II

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11/18/2026 6:46:30 AM

Specifications

Enclosure	TEFC
Frame	364TC
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	60.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
	460.0 V @ 60 HZ
Agency Approvals	CCSAUSEEV
	CURUSEEV
	NEMA PREMIUM
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	140.000 A @ 230.0 V
	150.000 A @ 208.0 V
	70.000 A @ 460.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.4 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	70.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	J

Part Detail

Revision	-
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG4076
Layout	617431-560
Eff. date	07-22-2025
CD Diagram	416820-002
Poles	04
Leads	3#4,6#6
Proprietary	False
Created date	07-22-2025

Lifting Lugs	Standard Lifting Lugs
Max Speed	2700 rpm
Motor Lead Quantity/Wire Size	3 @ 4 AWG
Motor Standards	NEMA
Motor Type	A36070M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	33.48 IN
Power Factor	84
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Service Factor	1.15
Shaft Diameter	2.374 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1785 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

NP4562L																			
CAT NO	CSPM4314T			**SPEC NO.**	A36-0011-4076			**I.P.**	55										
HP	60	**AMPS**	140/70		**VOLTS**	230/460		**DESIGN**	A										
FRAME SIZE	364TC	**RPM**	1785		**MAX RPM**	2700	**HZ**	60	**AMB**	40	**C**								
D.E. BRG.	65BC03J30X			**PH.3**	3	**DUTY**	CONT			**INSUL.CLASS**	F								
O.D.E. BRG.	65BC03J30X			**TYPE P**	P	**ENCL**	TEFC	**SF**	1.15	**CODE**	J								
POWER FACTOR	84		**MAX CORR KVAR**	14.8			**NEMA NOM EFFICIENCY**	95.4			**MOTOR WEIGHT**	965	**LBS**						
CL.I,DIV 2,GRP:	**A,B,C,D**	**T.CODE**	T3C		**CL.1,ZONE 2,GRP:**			**IIA,IIB,IIC**	**T=**	160	**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**	T3							
ID LOGO	**INV TYPE:**	**VPWM**	**CT**	15	**TO**	60	**VT**	3	**TO**	60	**CHP**	60	**TO**	90					
ID LOGO	**1.0 SF VPWM**	**WK2**	16.2		**LBFT2**		**SL HZ**	0.5	**MAG CUR**	54/27									
SER.NO.					**MEETS INTENT OF IEEE-45**				**FOR WEATHER PROTECTION**										

NP2496L
MOBIL POLYREX EM

DUTY MASTER ALTERNATING CURRENT MOTORS

617431-560

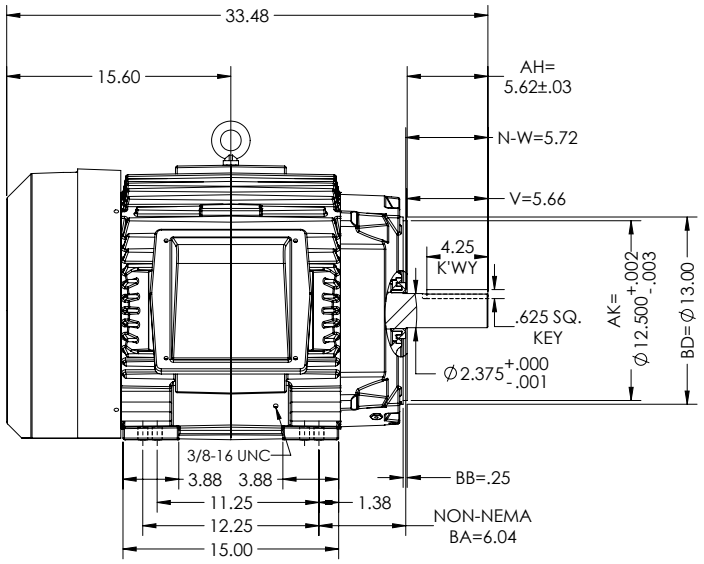
ENCLOSURE: TOTALLY ENCLOSED

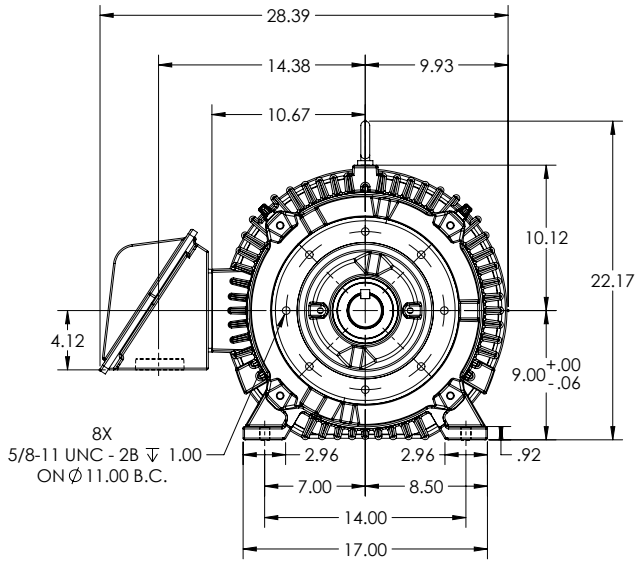
MOUNTING: FOOT, F-1

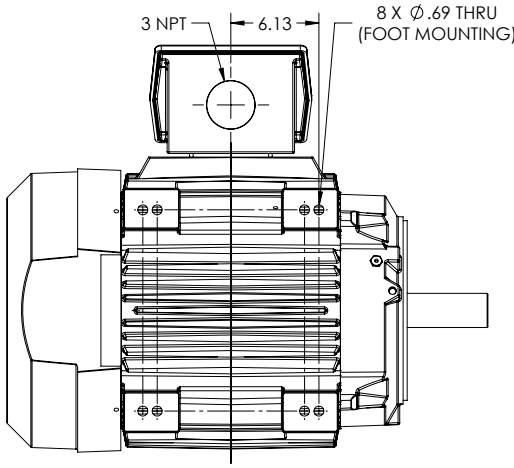
SQUIRREL-CAGE INDUCTION
E364TC/E365TC FRAME DESIGN
TACONITE SEALS
DIV.2

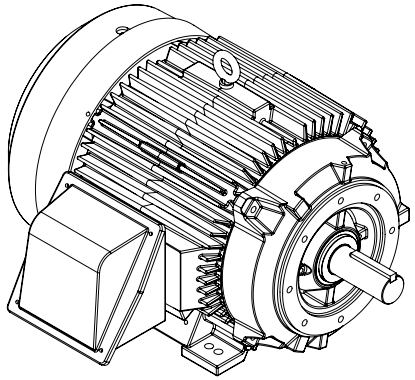
COOLING: FAN COOLED

ENCLOSURE ENHANCEMENT: SEVERE DUTY









DIMENSIONS ARE IN INCHES.
WEIGHT (LBS.) 845, MAY VARY 15% DEPENDING ON RATING
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

SHEET NUMBER
1 OF 1

617431-560

FACE RUNNOUT & ECCENTRICITY IS .007" MAX. T.I.R.
IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.
MAX PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STANDARD SHAFT EXTENSION IS .003" T.I.R.

REV. DESC: UPDATE DS QUALITY			
REV: A	VERSION: 01	REVISED: 03:25:37 11/04/2024	TDR: 000001243642
MODEL NO. 617431-560			
BY: USJEDIL			C

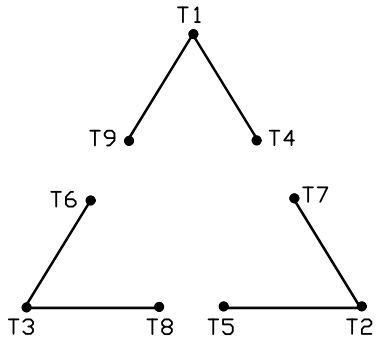
BALDOR

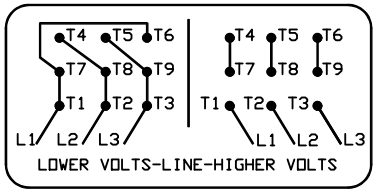
E365/364TC TEFC FOOT F1/CAST IRON BOX/TACONITE DIV. 2

617431-560

416820-002

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 9 LEAD DELTA-CONNECTED





(N. P. 1575-B)

REV. DESC: ADJUST TEXT DARKNESS		
REV. LTR: B	VERSION: 02	TDR: 000001285318
FILE: \RAG\00022\453	REVISED: 09:36:26 09/24/2026	BY: USJOSUL
MTL: –		

ABB

CONN DIAG – STANDARD 9 LEAD, DELTA-CONNECTED

SH1 of 1

416820-002