

ABB BALDOR RELIANCE III

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

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

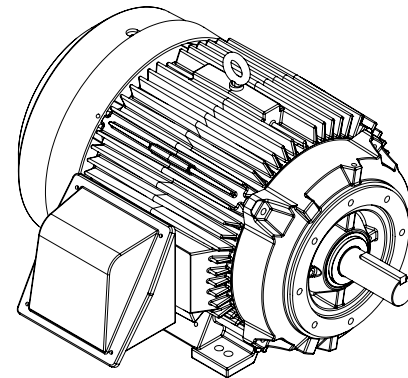
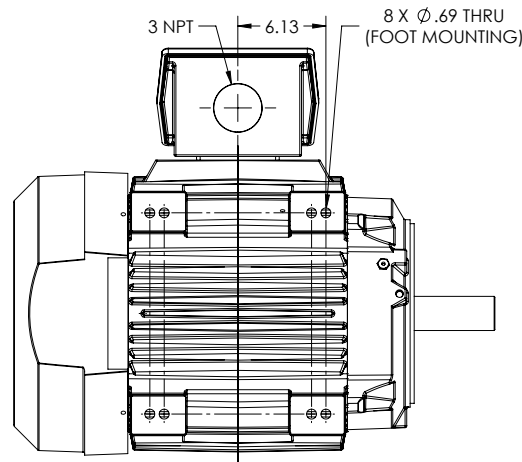
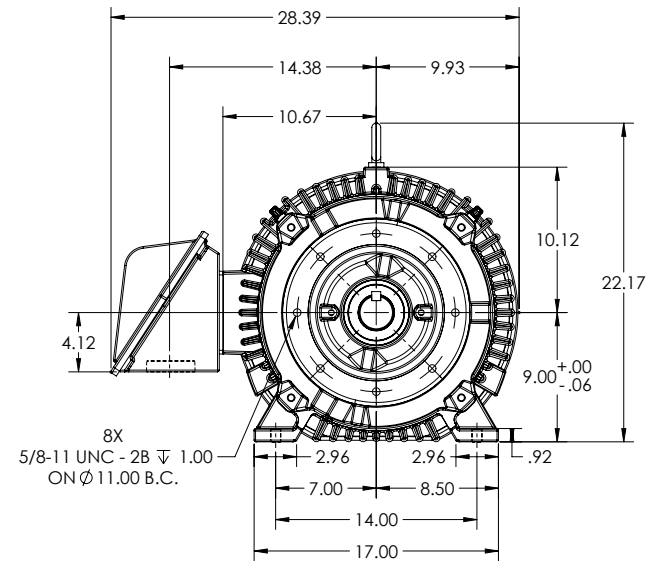
Nameplate
NP4562L

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	

617431-560

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.

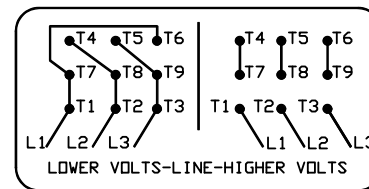
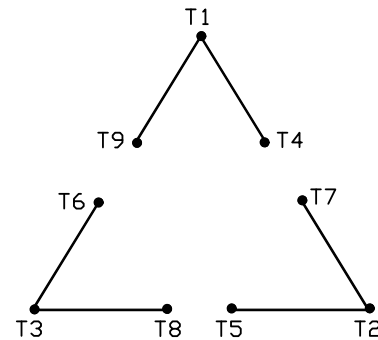
REV. DESC: UPDATE DS QUALITY			
REV: A	VERSION: 01	REVISED: 03-25-37 11/04/2024	TDR: 00000124364
MODEL NO. 617431-560			
BY: USJEDIL			

BALDOR

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

416820-002

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



(N. P. 1575-B)

416820-002

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

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