ABB BALDOR RELIANCE

Customer information packet

CECP4313T

75HP, 3555RPM, 3PH, 60HZ, 365TSC, A36068M, TEF
Class - None
Division - Division II

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11/16/2026 4:53:35 AM

Specifications

Enclosure	TEFC
Frame	365TSC
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Division II
Motor Letter Type	Three Phase
Output @ Frequency	75.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
	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	10-60
Current @ Voltage	80.700 A @ 460.0 V
	177.000 A @ 208.0 V
	161.000 A @ 230.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	94.5 %
Enclosure Modification	Severe Duty Features
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3
Heater Indicator	No Heater

Part Detail

Revision	G
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG0319
Layout	617431-924
Eff. date	09-15-2026
CD Diagram	416820-002
Poles	02
Leads	3#2,6#4
Proprietary	False
Created date	10-25-2016

High Voltage Full Load Amps	80.7 a
Insulation Class	F
Inverter Code	Inverter Duty
KVA Code	G
Lifting Lugs	Standard Lifting Lugs
Max Speed	4500 rpm
Motor Lead Quantity/Wire Size	3 @ 2 AWG
Motor Standards	NEMA
Motor Type	A36068M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	31.31 IN
Power Factor	92
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Service Factor	1.15
Shaft Diameter	1.875 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	3555 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

NP4033LUA

CAT #	CECP4313T			**SER**				**CC**	010A										
SPEC	A36-7812-0319			**RATING**	40C AMB-CONT														
HZ	**VOLTS**			**AMPS**			**RPM**	**HP**	**CODE**		**SF**		**DES**		**PF**		**NEMA NOM. EFF**		
60	230/460			161/80.7			3555	75	G		1.15		B		92	%	94.5	%	
																%		%	
PH	3	**CL**	F	**MAX RPM**	4500		**MAX CORR KVAR**	5											
BRG	**DE**	6313		**ODE**	6313		**ENCL**	TEFC		**FR**	365TSC			**IP**	55				
GREASE	POLYREX EM									**MTR WT**	886	**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**	15-60	**HZ**	4:1	**VT**	3-60	**HZ**	20:1		**CHP**	60-90		**HZ**	1.25:1					
INV TEMP CL	200	**C**	**USABLE AT**	50HZ 60HP 190/380V 156/78A										SF1.0					

617431-924

DUTY MASTER ALTERNATING CURRENT MOTORS

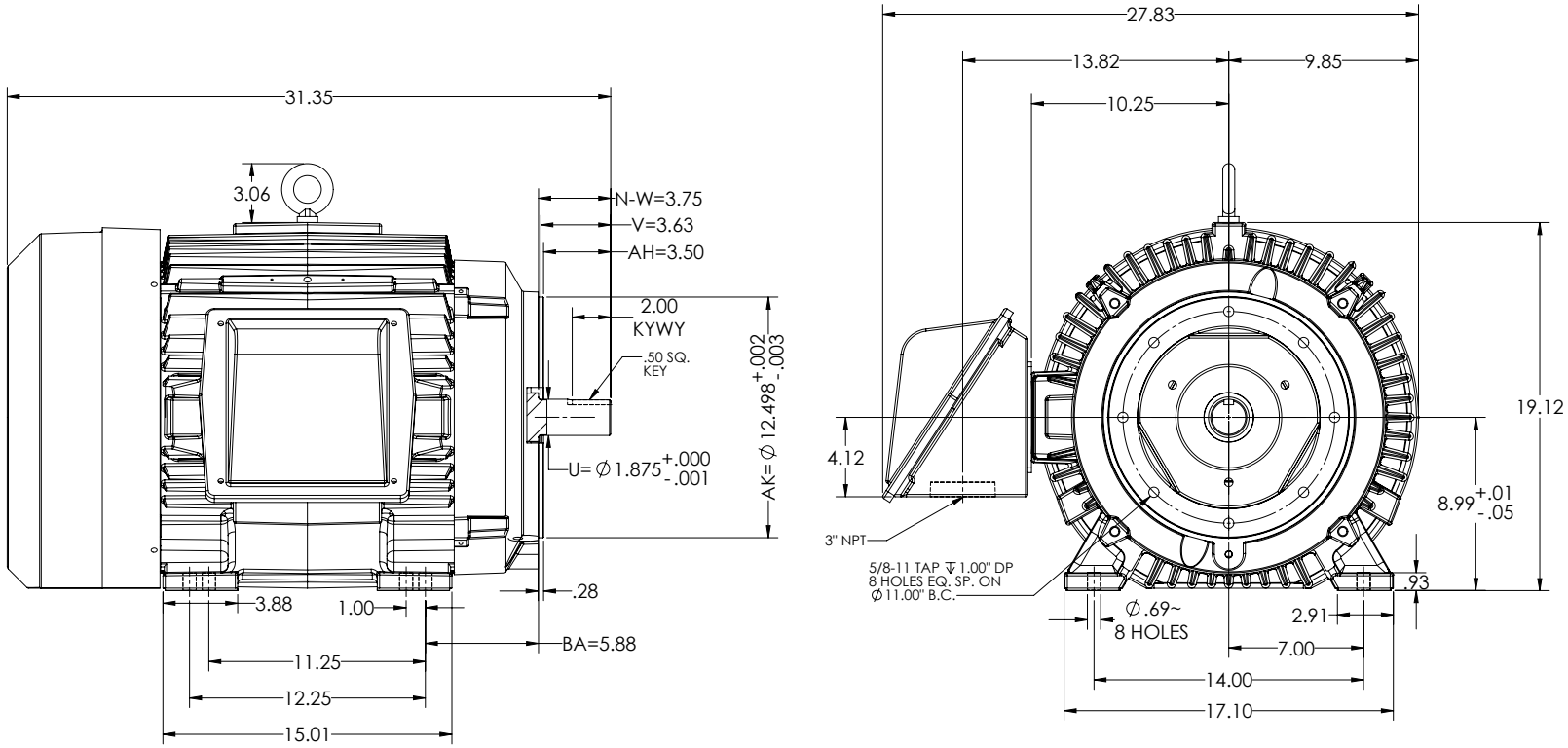
SQUIRREL-CAGE INDUCTION
FRAME 365TSC

ENCLOSURE: TOTALLY ENCLOSED

COOLING: FAN COOLED

MOUNTING: FOOT, F-1 SIDE

INCLUDES E364TSC MOUNTING HOLES



IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.
MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STANDARD SHAFT EXTENSION IS .003" T.I.R.

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

SHEET NUMBER 1 OF 1

617431-924

REV. DESC: NEW			
REV: -	VERSION: 00	REVISED: 09:03:13 05/24/2016	TDR: 000000980542
MODEL NO. 617431-924			
BY: RAGJSS1			C

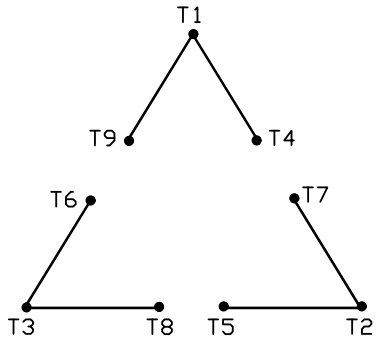
BALDOR

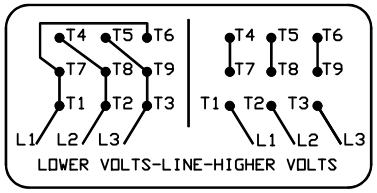
D/S 365TSC/364TSC TEFC FT F-1 - CAST IRON C/BOX

617431-924

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