

ABB BALDOR RELIANCE III

Customer information packet

CECP4313T

75HP, 3555RPM, 3PH, 60HZ, 365TSC, A36068M, TEF

Class - None

Division - Division II

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

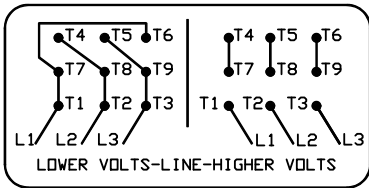
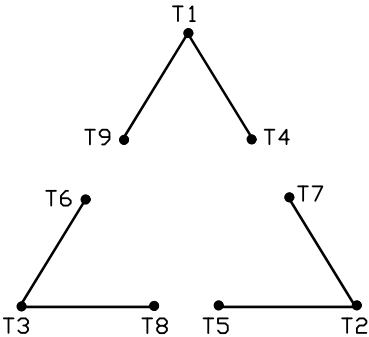
Technical drawing of the front view of a circular mechanical component. The drawing includes the following dimensions and annotations:

- Overall width: 27.83
- Distance from left edge to center: 13.82
- Distance from center to right edge: 9.85
- Distance from left edge to the start of the gear teeth: 10.25
- Overall height: 19.12
- Height of the mounting bracket on the left: 4.12
- Height of the gear teeth from the base: $8.99^{+.01}_{-.05}$
- Base thickness: .93
- Inner diameter of the gear teeth: $\phi .69 \sim 8 \text{ HOLES}$
- Distance from center to the inner diameter: 2.91
- Distance from center to the outer diameter: 7.00
- Overall diameter of the gear teeth: 14.00
- Overall diameter of the base: 17.10
- Annotation: 3" NPT (pointing to the mounting bracket)
- Annotation: 5/8-11 TAP $\nabla 1.00"$ DP 8 HOLES EQ. SP. ON $\phi 11.00"$ B.C. (pointing to the mounting bracket)

617431-924

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: -		



CONN DIAG - STANDARD 9 LEAD, DELTA-CONNECTED

SH1 of 1