ABB BALDOR RELIANCE

Customer information packet

CECR9754T

75HP, 1785RPM, 3PH, 60HZ, 365TC, A36070M, TEFC
Class - None
Division - Not Applicable

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Specifications

Enclosure	TEFC
Frame	365TC
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	75.000 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	NEMA PREMIUM
	CURUSEEV
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	175.000 A @ 230.0 V
	87.500 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	87.5 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	H
Lifting Lugs	Standard Lifting Lugs
Max Speed	2700 rpm

Part Detail

Revision	-
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A36WG4073
Layout	617428-136
Eff. date	07-24-2025
CD Diagram	CD0180
Poles	04
Leads	3#4,6#6
Proprietary	False
Created date	07-23-2025

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	Crusher Duty
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Service Factor	1.25
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

NP3980LUA

CAT #	CECR9754T			**SER**				**CC**	010A												
SPEC	A36-9186-4073			**RATING**	40C AMB-CONT																
HZ	**VOLTS**		**AMPS**		**RPM**	**HP**	**CODE**		**SF**	**DES**	**PF**			**NEMA NOM. EFF**							
60	230/460		175/87.5		1785	75	H		1.25	A	84	**%**		95.4	**%**						
	-											**%**			**%**						
PH	3	**CL**	F	**MAX CORR KVAR**	18																
BRG	**DE**	6313	**ODE**	6313	**ENCL**	TEFC	**FR**	365TC		55											
GREASE	POLYREX EM						**MTR WT**	965	**LBS**												
USABLE AT	50HZ 60HP 190/380V 170/85A						SF1.0														
INV READY	**1.0 SF VPWM**	**CT**	10-60	**HZ**	6:1	**VT**	0-60	**HZ**	1000:1	**CHP**	60-90	**HZ**	1.5:1								
MAX RPM	2700	SFA 216/108																			

DUTY MASTER ALTERNATING CURRENT MOTORS

617428-136

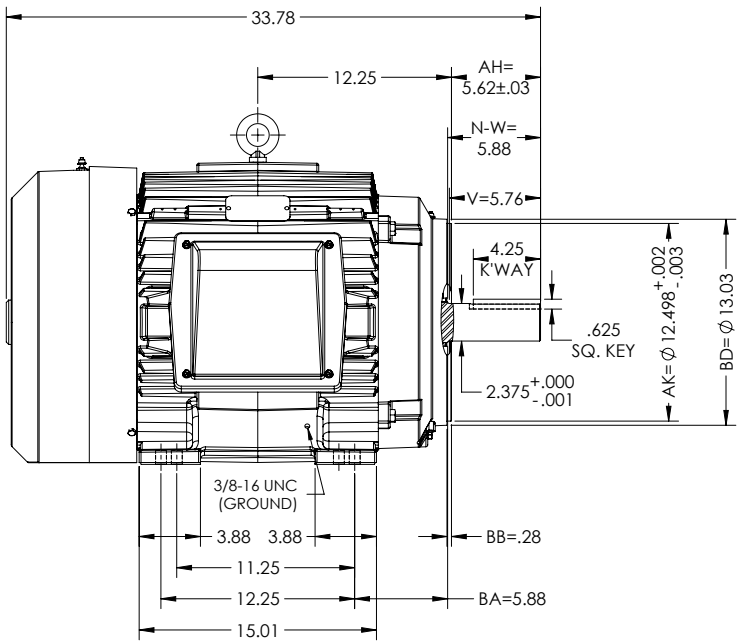
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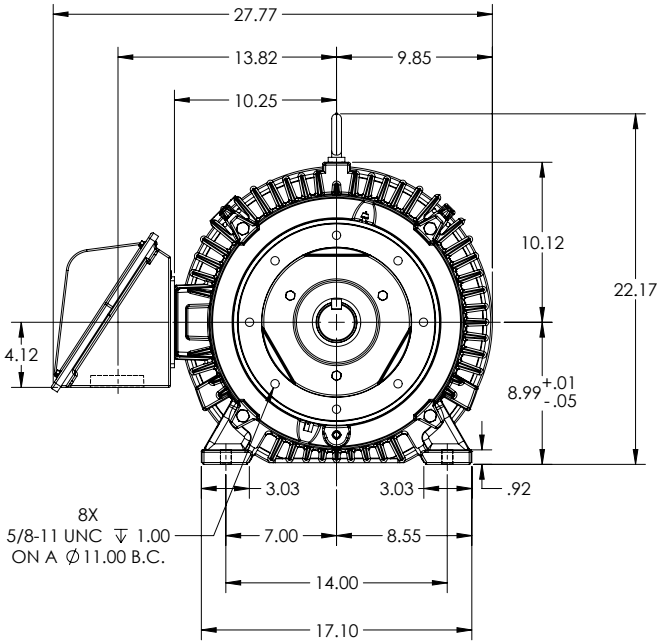
SQUIRREL-CAGE INDUCTION

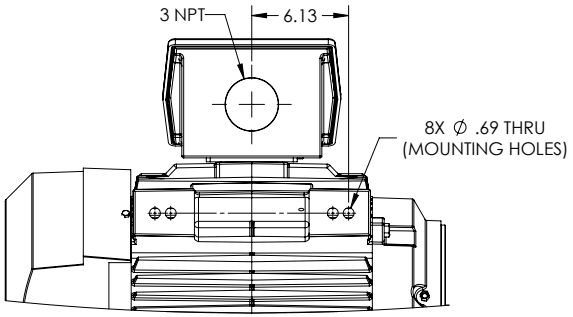
MOUNTING: FOOT, F-1 SIDE

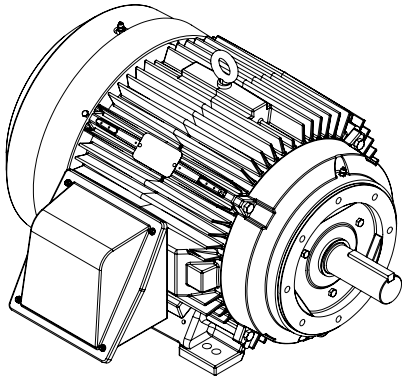
E365TC/E364TC MOUNTING HOLES

COOLING: FAN COOLED









DIMENSIONS ARE IN INCHES.
WEIGHT =900 LBS +/- 15% DEPENDING ON RATING.
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

SHEET NUMBER 1 OF 2

617428-136

FACE & ECCENTRICITY RUNOUT = .007 T.I.R. MAX.
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: NEW DRW			
REV: C	VERSION: 03	REVISED: 10:20:38 10/07/2022	TDR: 000001197796
MODEL NO. 617428-136			
BY: USJEDIL			C

BALDOR

E365/364TC TEFC F1 FOOT/CAST IRON BOX

617428-136

DUTY MASTER ALTERNATING CURRENT MOTORS

617428-136

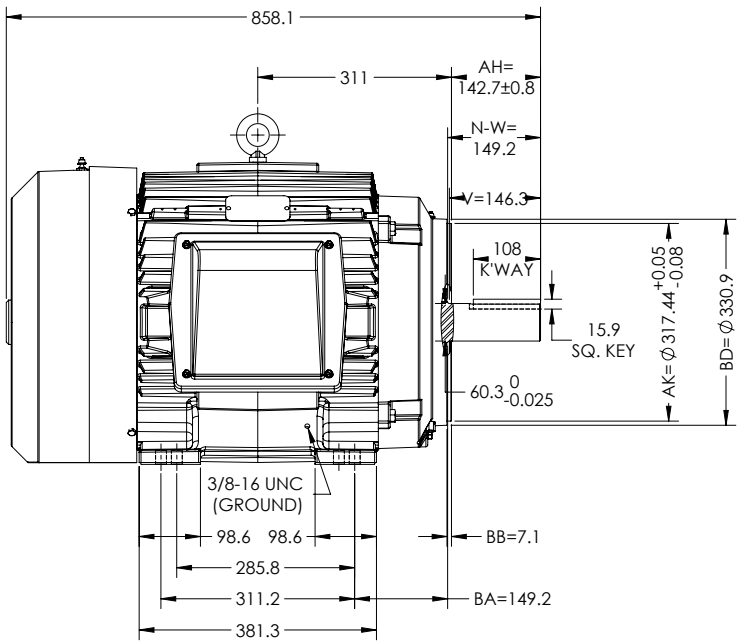
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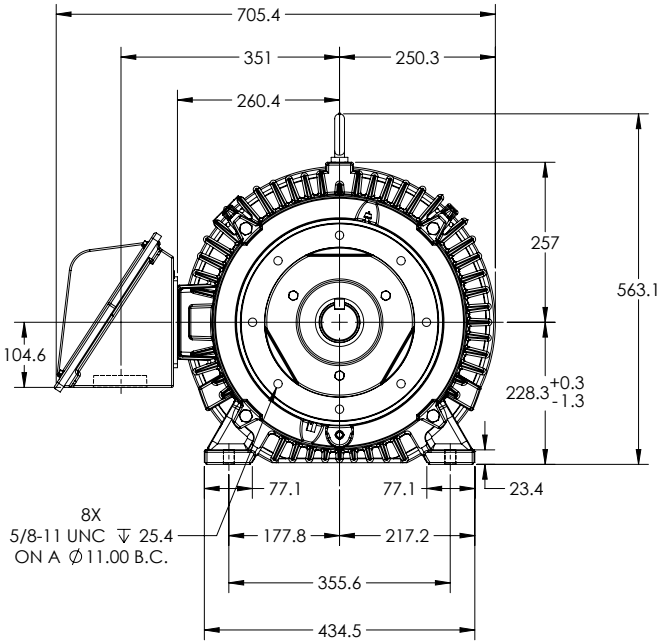
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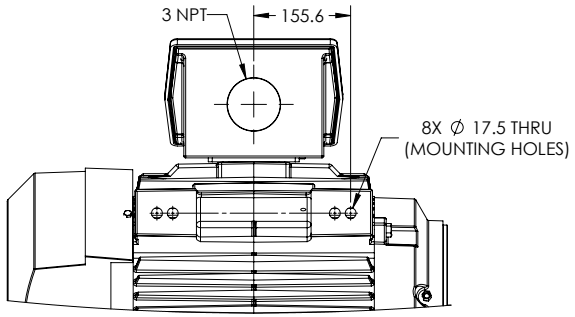
MOUNTING: FOOT, F-1 SIDE

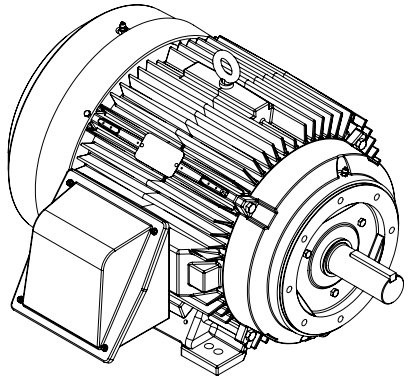
E365TC/E364TC MOUNTING HOLES

COOLING: FAN COOLED









DIMENSIONS ARE IN MILLIMETERS.
WEIGHT = 408 LBS +/- 15% DEPENDING ON RATING.
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

SHEET NUMBER 2 OF 2

617428-136

FACE & ECCENTRICITY RUNOUT = .18 T.I.R. MAX.
IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.
MAX PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STANDARD SHAFT EXTENSION IS .08 T.I.R.

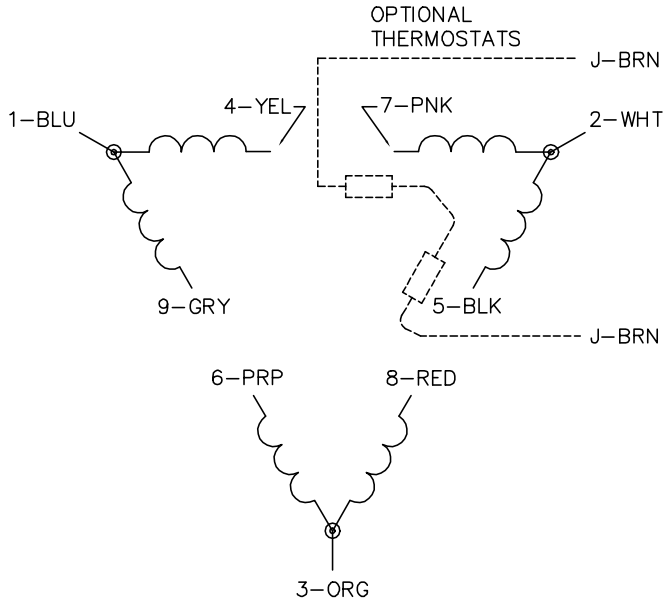
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REV: C	VERSION: 03	REVISED: 10:20:38 10/07/2022	TDR: 000001197796
MODEL NO. 617428-136			
BY: USJEDIL			C

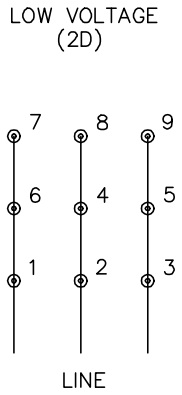
BALDOR

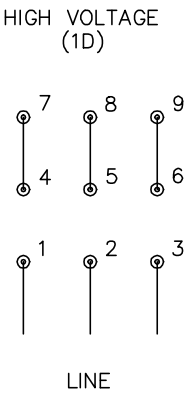
E365/364TC TEFC F1 FOOT/CAST IRON BOX

617428-136

CD0180







NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0180

REV. DESC: ADD CLASS CONN00000007		
REV. LTR: D	VERSION: 01	TDR: 000001099922
FILE: \AAA\00005\148	REVISED: 10:25:29 02/19/2019	BY: ENBRIR0
MTL: –		

BALDOR - RELIANCE®

3PH, DV, 9 LEADS, DELTA CONNECTION

SH 1 of 1