ABB BALDOR RELIANCE

Customer information packet

36N993S935G1

1.5HP, 1165RPM, 3PH, 60HZ, 184TDZ, 3632M, TEFC
Class - None
Division - Not Applicable

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Specifications

Enclosure	TEFC
Frame	184TDZ
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	1.500 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	575.0 V @ 60 HZ
Agency Approvals	CSA EEV CSA UR
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	No Mounting
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	1.900 A @ 575.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	87.5 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	1.9 a
Insulation Class	H

Part Detail

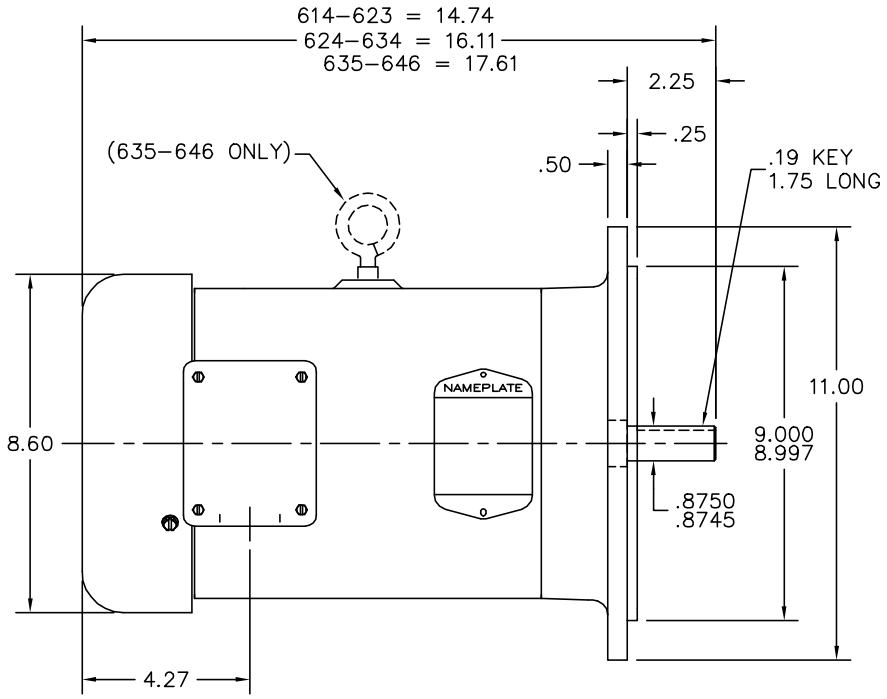
Revision	B
Type	AC
Mech. spec.	36N993
Base	
Status	INA/A
Elec. spec.	36WGS935
Layout	36LYN993
Eff. date	05-24-2023
CD Diagram	CD0006
Poles	06
Leads	3#12
Proprietary	False
Created date	06-11-2013

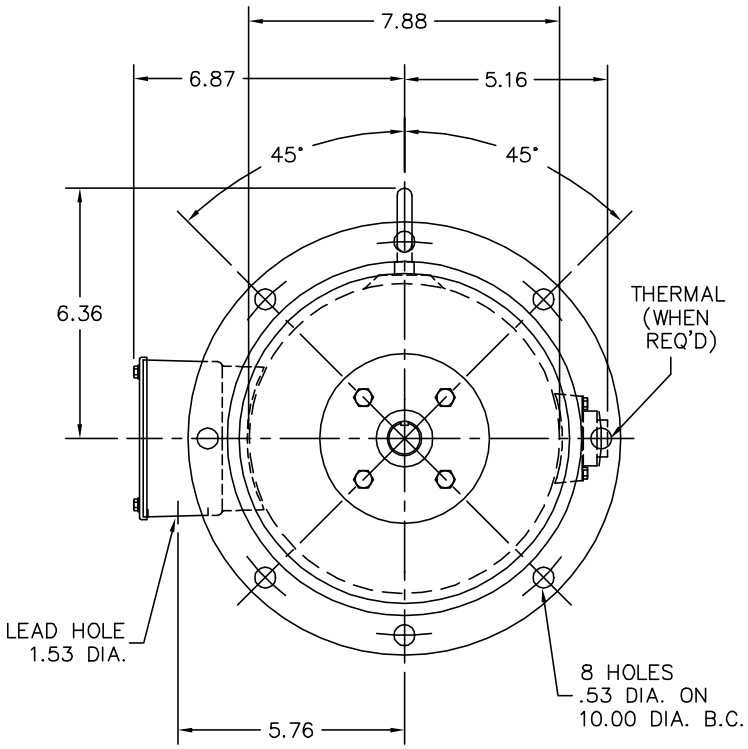
Inverter Code	Inverter Ready
KVA Code	K
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	3 @ 12 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3632M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	16.11 IN
Power Factor	67
Product Family	General Purpose
Pulley End Bearing Type	Sealed Bearing
Pulley Face Code	D-Flange
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.15
Shaft Diameter	0.875 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1165 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

NP1259L									
CAT.NO.									
SPEC.	36N993S935G1								
HP	1.5								
VOLTS	575								
AMP	1.9								
RPM	1165								
FRAME	184TDZ	**HZ**	60				**PH**	3	
SER.F.	1.15	**CODE**	K	**DES**	B	**CL**	H		
NEMA-NOM-EFF	87.5	**PF**	67						
RATING	40C AMB-CONT								
CC	010A								
DE	6206		**ODE**	6205					
ENCL	TEFC	**SN**							

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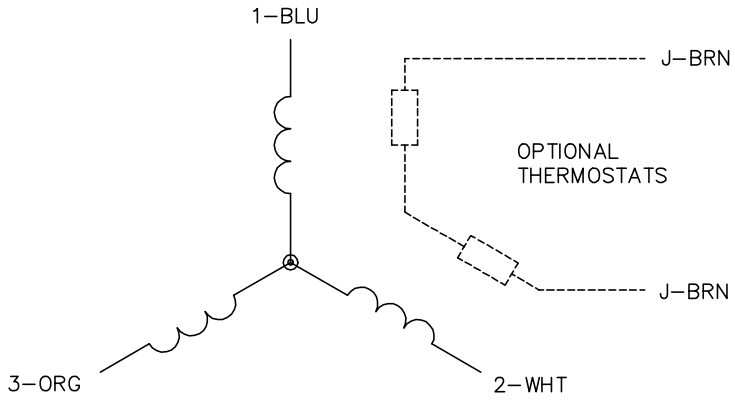
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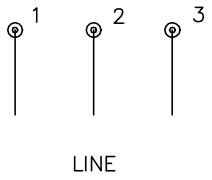
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: REACTIVATED			BALDOR
REV. LTR: A	VERSION: 01	TDR: 000000865935	
FILE: \AAA\00201\138	REVISED: 12:01:00 08/13/2014	BY: ENSHARO	VERT 182–4TDZ TEFC 36M, U=.875, AH=2.25, SLD BRG, 8 MTD HOLE
MTL: –			SH 1 of 1

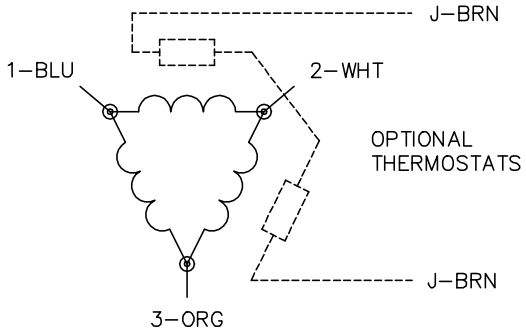
CD0006

TYPICAL WYE–CONNECTED MOTOR





TYPICAL DELTA–CONNECTED MOTOR



NOTES:

1. THREE LEAD MOTOR MAY BE EITHER WYE CONNECTED OR DELTA CONNECTED.
2. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
3. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
4. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
5. LEAD COLORS ARE OPTIONAL. LEADS MUST BE NUMBERED AS SHOWN.

CD0006

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REV. LTR: E	VERSION: 01	TDR: 000001099922
FILE: \AAA\00005\141	REVISED: 10:24:49 02/19/2019	BY: ENBRIR0
MTL: –		

BALDOR - RELIANCE®

3PH, SV, 3 LEADS, WYE OR DELTA CONNECTED

SH 1 of 1