ABB BALDOR RELIANCE

Customer information packet

VM3534-57

13M 4P TEFC VER 56C
Class - None
Division - Not Applicable

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Specifications

Enclosure	TEFC
Frame	56C
Frame Material	Steel
Frequency	50.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	.330 HP @ 50 HZ
Phase	3
Synchronous Speed @ Frequency	1500 RPM @ 50 HZ
Voltage @ Frequency	230.0 V @ 50 HZ
	400.0 V @ 50 HZ
Agency Approvals	C UR US
	CE
	CURUS
	UKCA
	WEEE
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	1.400 A @ 230.0 V
	.700 A @ 400.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	74.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Shaft Indicator	None

Part Detail

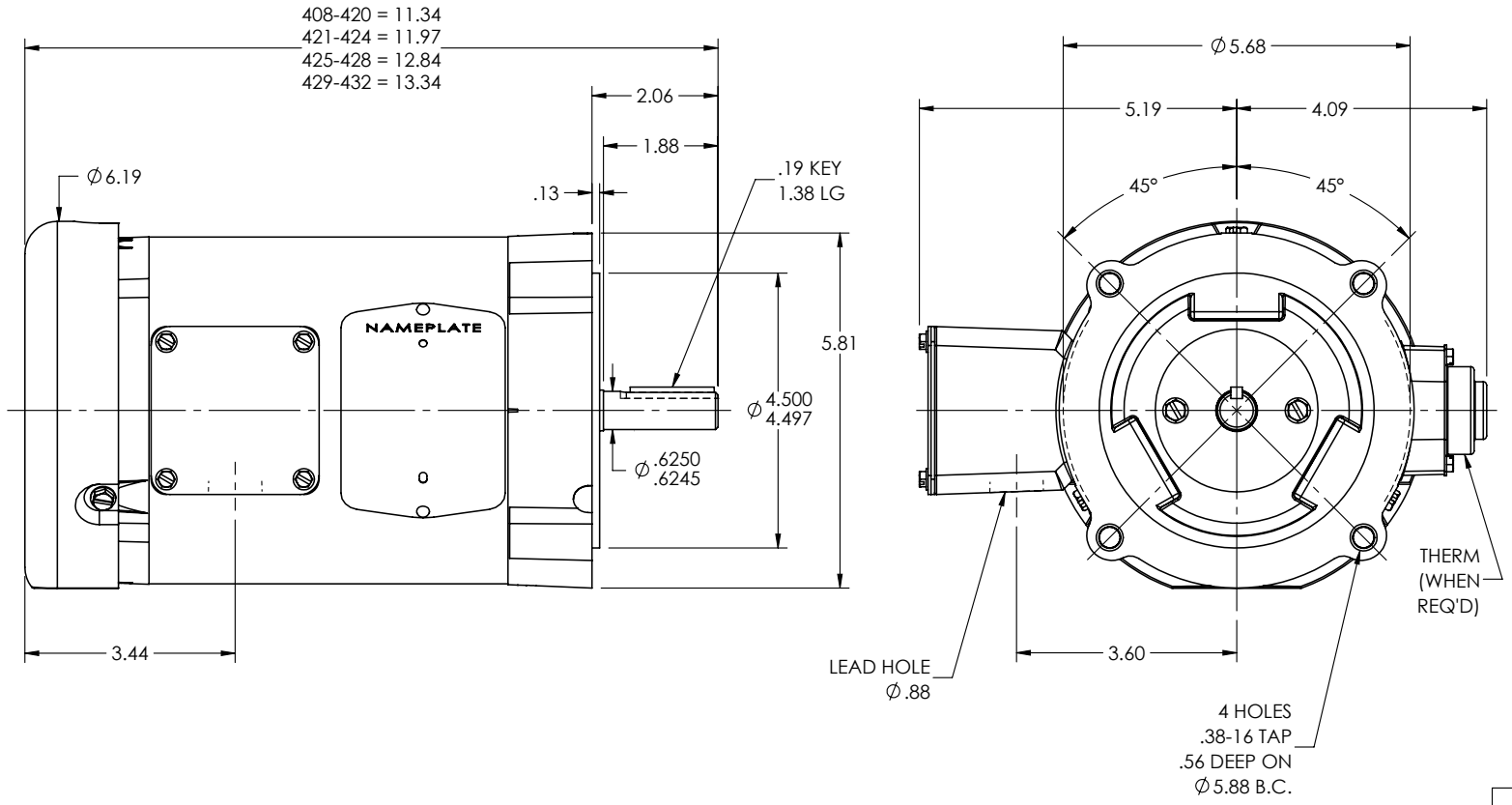
Revision	F
Type	AC
Mech. spec.	34A063
Base	
Status	PRD/A
Elec. spec.	34WGR729
Layout	34LYA063
Eff. date	02-10-2025
CD Diagram	CD0022
Poles	04
Leads	6#18
Proprietary	False
Created date	07-20-2021

Heater Indicator	No Heater
High Voltage Full Load Amps	0.7 a
Insulation Class	B
Inverter Code	Not Inverter
KVA Code	H
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Quantity/Wire Size	6 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3413M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	11.35 IN
Power Factor	67
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.35
Shaft Diameter	0.625 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1425 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

NP1372L											
CAT.NO.	VM3534-57										
SPEC.	34A063R729G1										
HP	.33/.25KW										
VOLTS	230/400										
AMP	1.4/.7										
R.P.M. (1/MIN)	1425										
FRAME	56C		**HZ**	50			**PH**	3			
SER.F.	1.35	**CODE**	H	**DES**	B	**CL**	B				
NEMA-NOM-EFF	74	**PF**	67								
RATING	40C AMB-CONT										
CC			IP44 KG10 IC411								
DE	6203		**ODE**	6203							
ENCL	TEFC	**SN**									
	SFA 1.6/.8 IE2:73(75%)67(50%)										

34LYA063



CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION

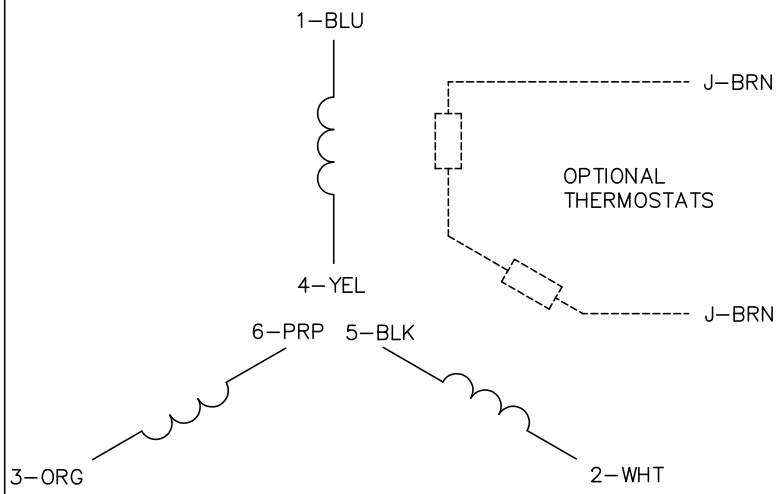
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REV: P	VERSION: 05	REVISED: 08:51:08 10/31/2024	TDR: 000001243684
MODEL NO. 34LYA063			REF: -
BY: ENJEFD0			

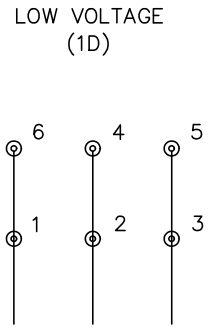
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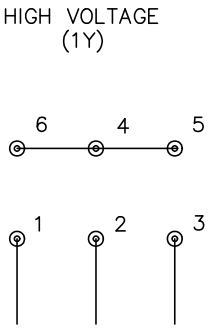
STD VERT 34M NEMA 56C TEFC

34LYA063

CD0022







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.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: F	BY: JLP	REVISED: 01/21/99 3:54	TDR: 0171435
CD0022		FILE: AAA00005144	MDL: –
		MTL: –	3PH, DV, 6 LEADS, DELTA/WYE CONNECTION

CD0022