

# PRODUCT INFORMATION PACKET



Model No: 056T17D15843

Catalog No: FX13BK003

FLEX-IN-1™ General Purpose Motor, 0.33 & 0.33 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,  
1800 & 1500 RPM, 56HC Frame, DP

**Operational at 208-230/460 V @60HZ**



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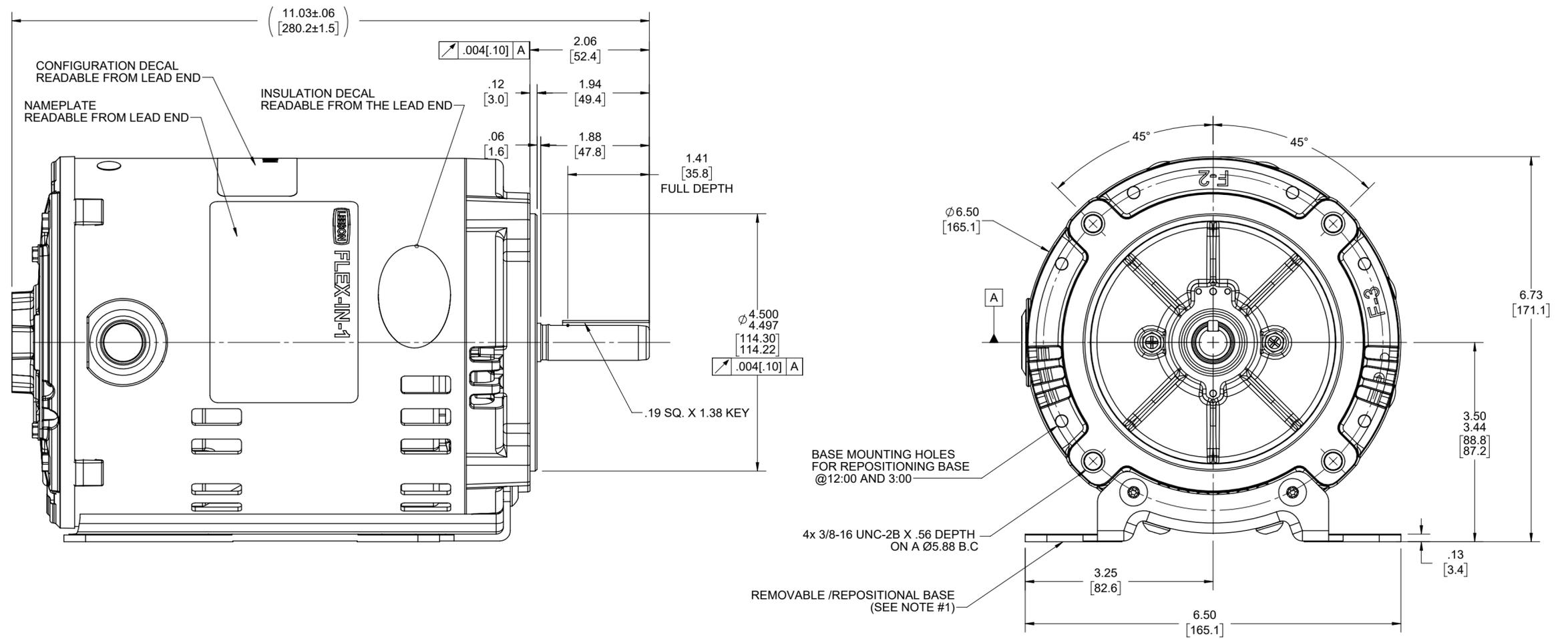
### Nameplate Specifications

Phase	3	Output HP	0.33 & 0.33 Hp
Output KW	0.25 & 0.25 kW	Voltage	230/460 & 190/380 V
Speed	1725 & 1425 rpm	Service Factor	1.35 & 1.00
Frame	56HC	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	80.1 & 78 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	1.2/.61 & 1.3/.66 A	Power Factor	65.1
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	L
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

### Technical Specifications

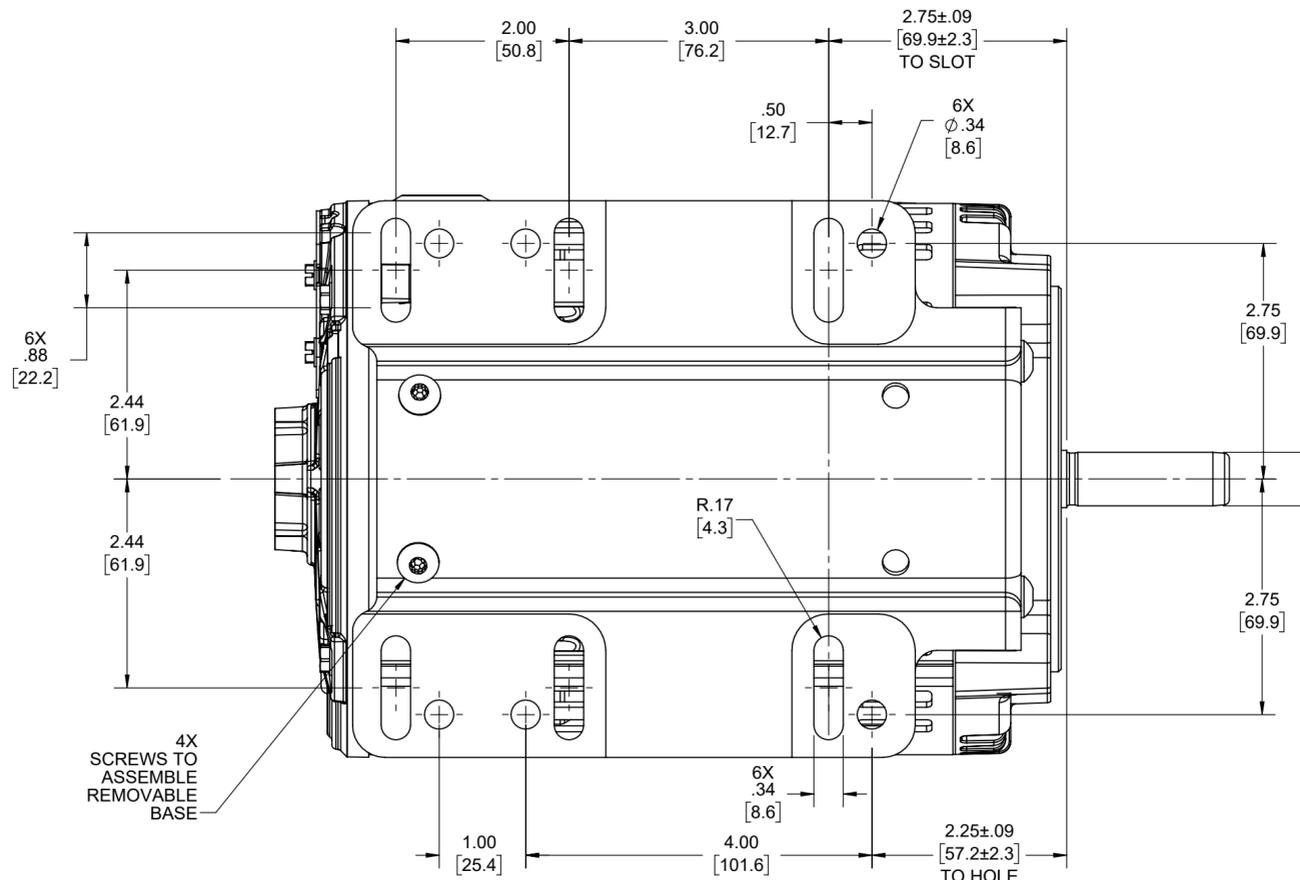
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	44.4 Ohms	Mounting	Bolt-on Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Shaft Diameter	0.625 in
Assembly/Box Mounting	F1 F2/F3 CAPABLE	Inverter Load	CONSTANT 2:1
Connection Drawing	CDTD127	Outline Drawing	OL56100850-001

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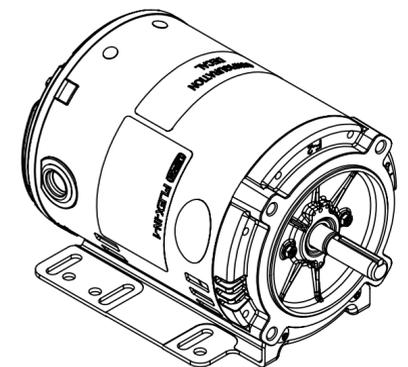
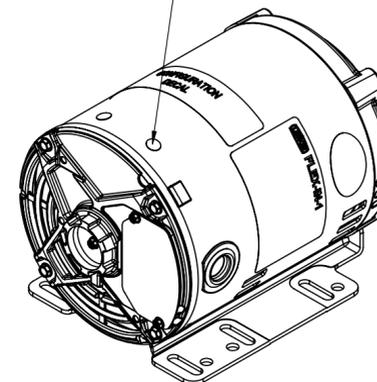


NOTES:

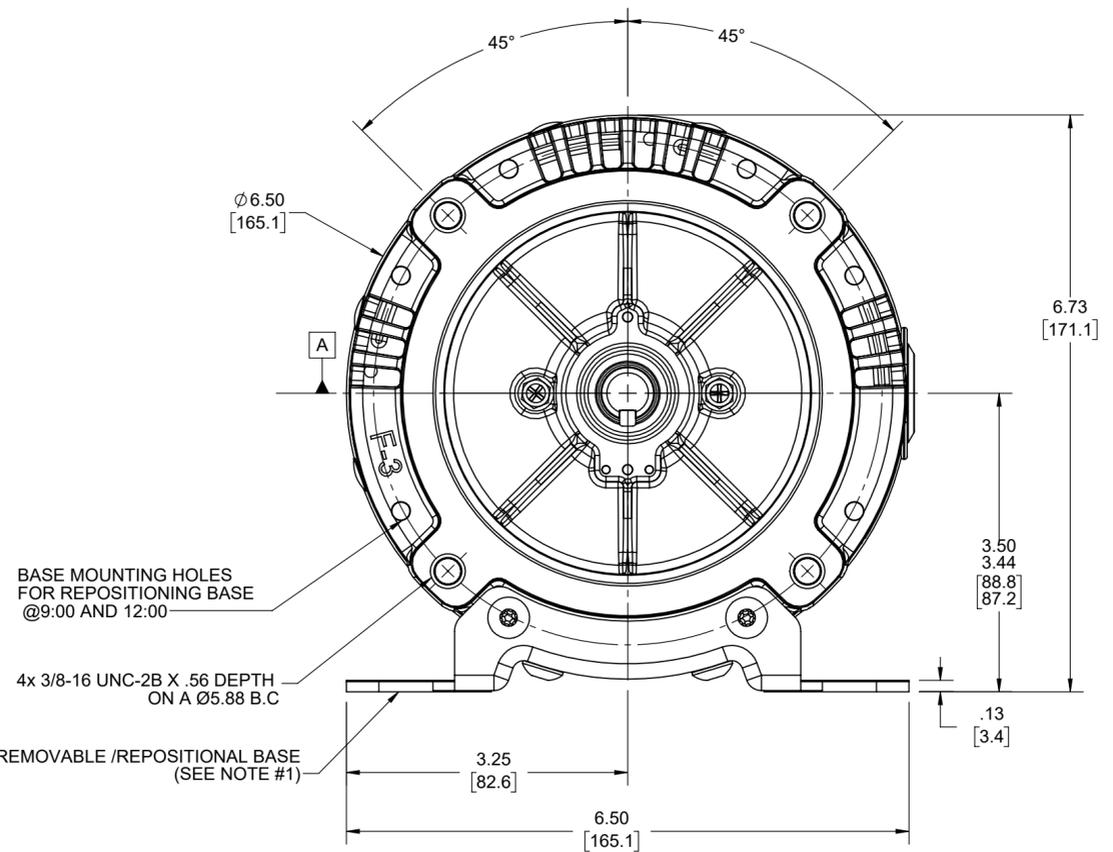
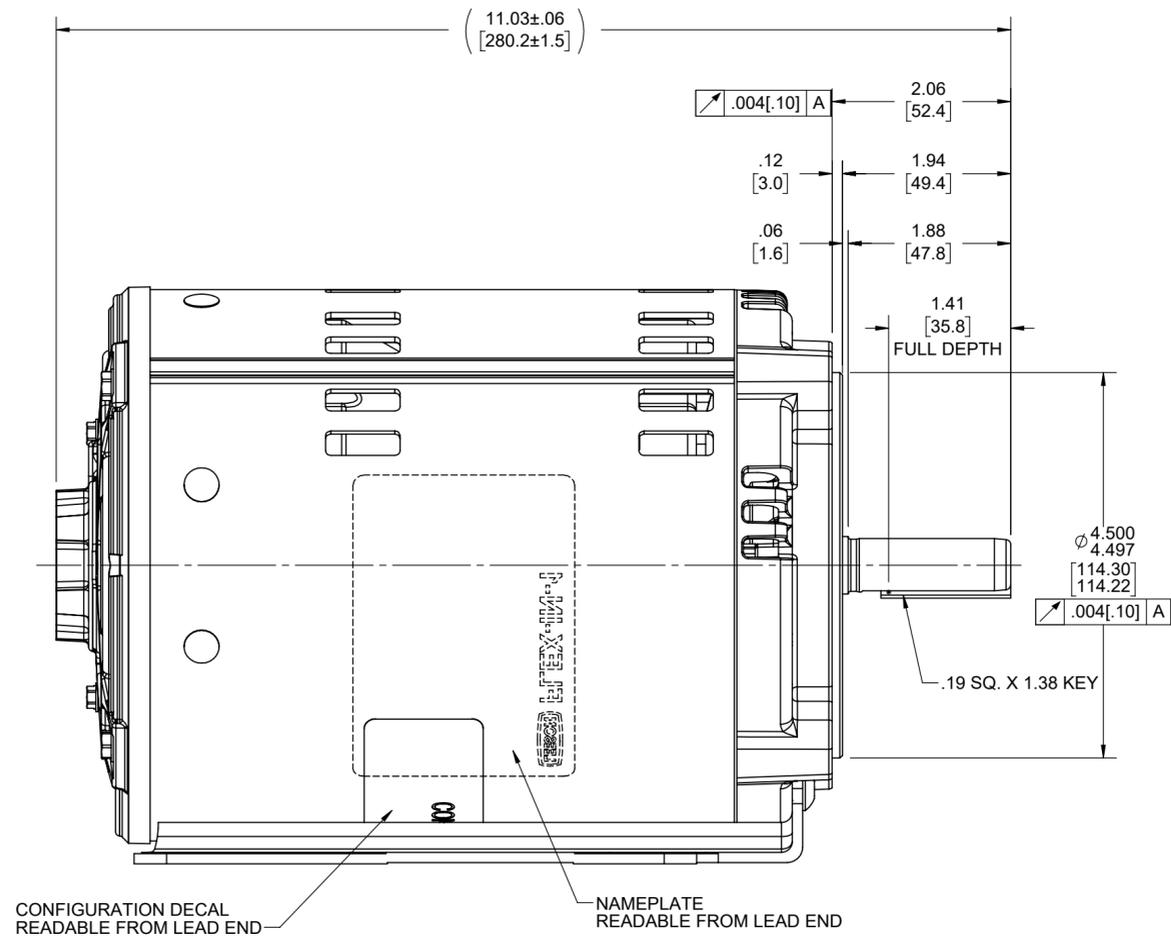
- 1) REMOVABLE / REPOSITIONAL BASE CAN BE REMOVED FOR C-FACE MOUNTING OR REPOSITIONED TO 12:00 OR 3:00 FACING SHAFT END OF MOTOR FOR NEMA F-2 OR F-3 CONDUIT BOX LOCATION.
- 2) KEY TO BE SHIPPED IN BAG WITH HOLE PLUGS AND BASE MOUNTING INSTRUCTION SHEET.



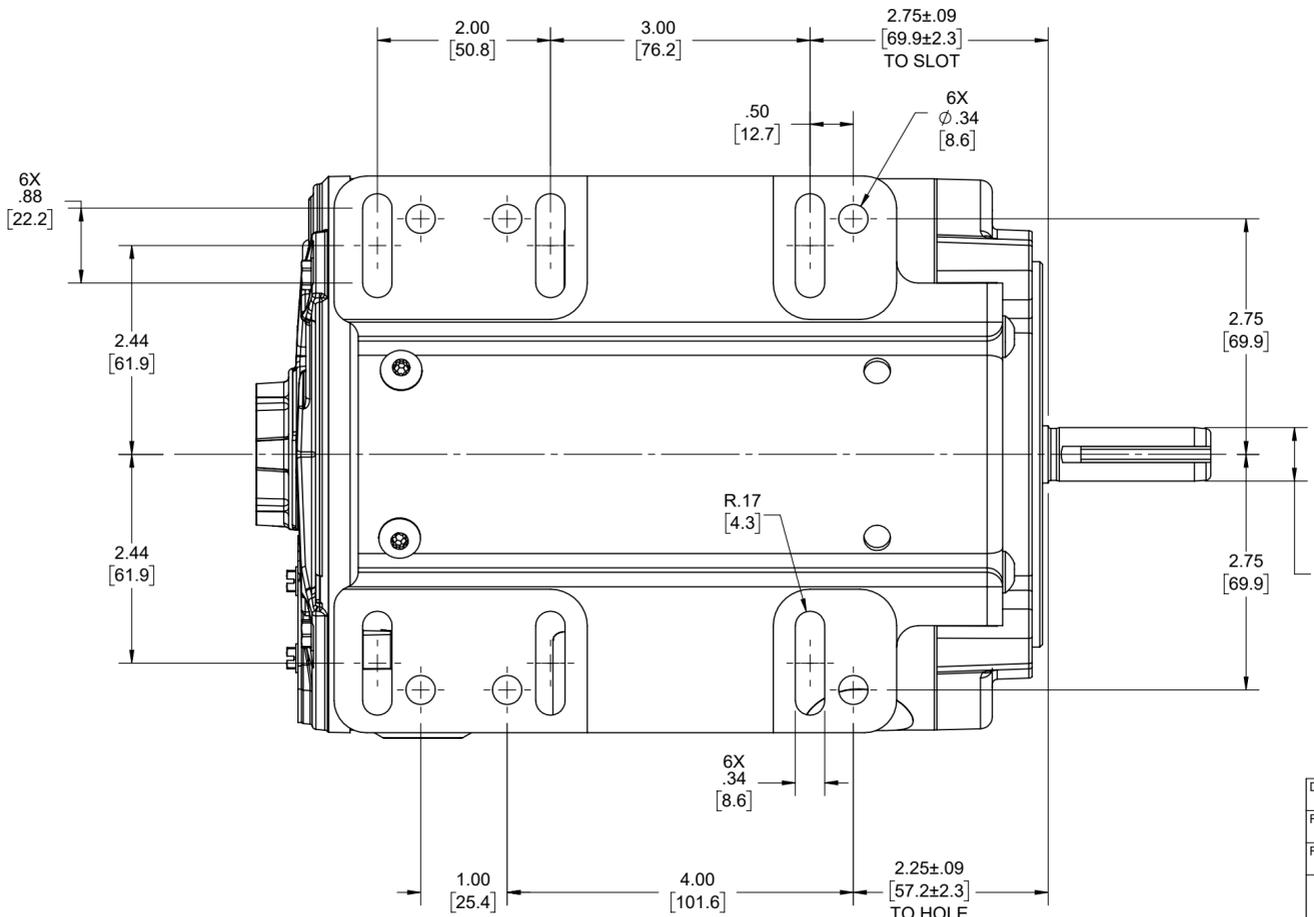
PLUGGED BASE MOUNTING HOLES FOR REPOSITIONING BASE @12:00 OR 3:00



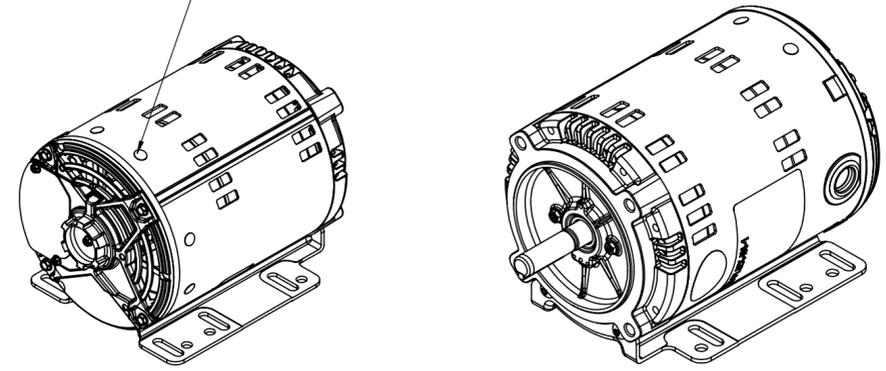
DRAWING REVISION F	REVISION BY M.P	REV DATE/© DATE 03/04/2024	TOLERANCES (EXCEPT AS NOTED):		DRAWN BY SRIKANTH	Regal Beloit America, Inc.
REQUEST NUMBER ECR-0231732	APPROVED BY P.V.R	DATE 03/04/2024	DEC.	INCH	DATE 7/29/2022	
REQUEST NUMBER DESCRIPTION UPDATED AS PER ECR			.X	±0.1	APPROVED BY PVR	MATERIAL 56H FR,DP, C-FACE, BOLT ON
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			.XXX	±0.005	REFERENCE	SIZE C
			.XXXX	±0.0005	THIRD ANGLE PROJECTION	DRAWING NUMBER OL56100850-001
			MACHINED SURFACES: $\sqrt{125}$ INCH $\sqrt{3.2}$ mm	mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	SHEET 1 OF 3	



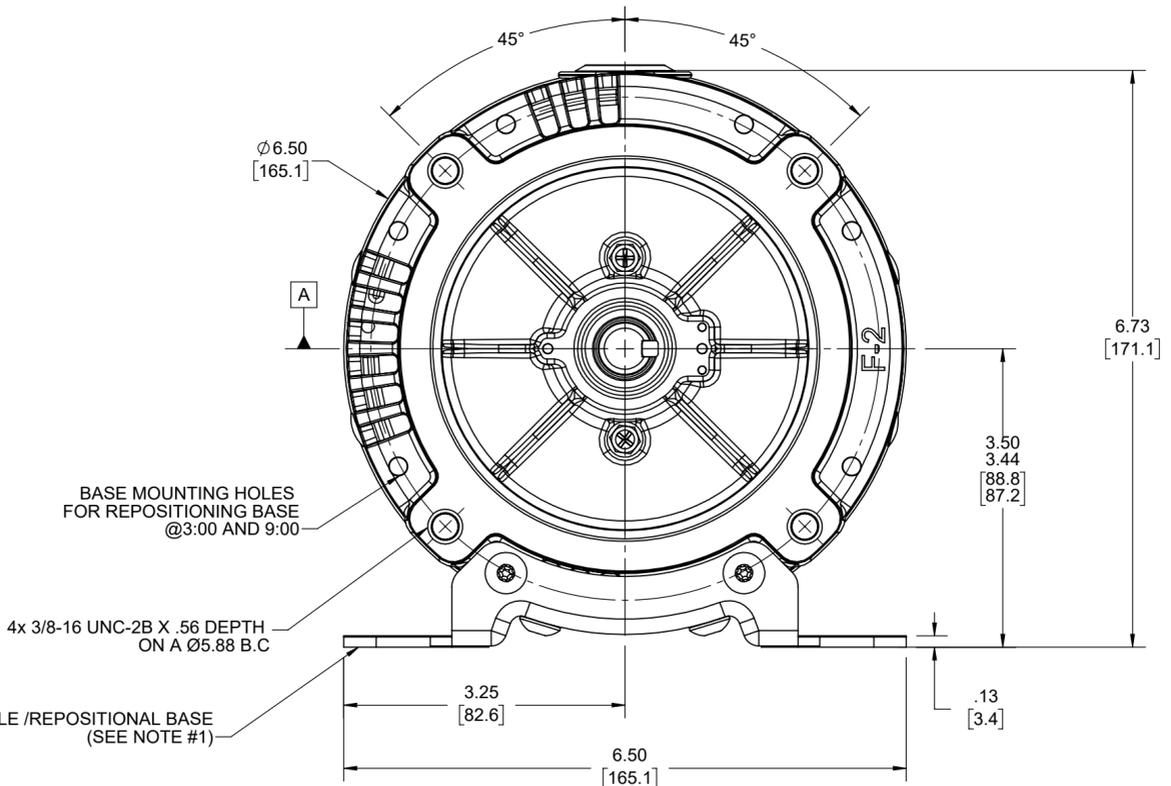
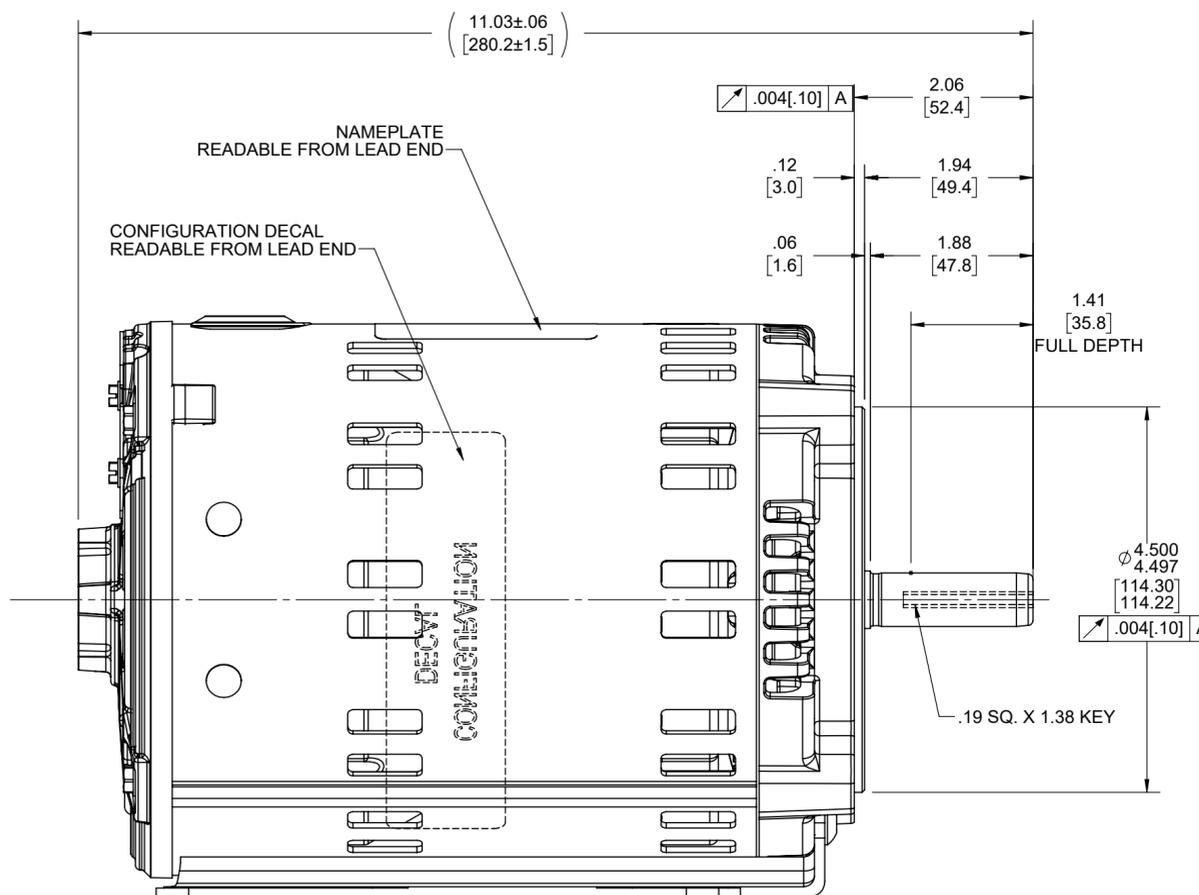
- NOTES:
- 1) REMOVABLE / REPOSITIONAL BASE CAN BE REMOVED FOR C-FACE MOUNTING OR REPOSITIONED TO 12:00 OR 9:00 FACING SHAFT END OF MOTOR FOR NEMA F-1 OR F-3 CONDUIT BOX LOCATION.
  - 2) KEY TO BE SHIPPED IN BAG WITH HOLE PLUGS AND BASE MOUNTING INSTRUCTION SHEET.



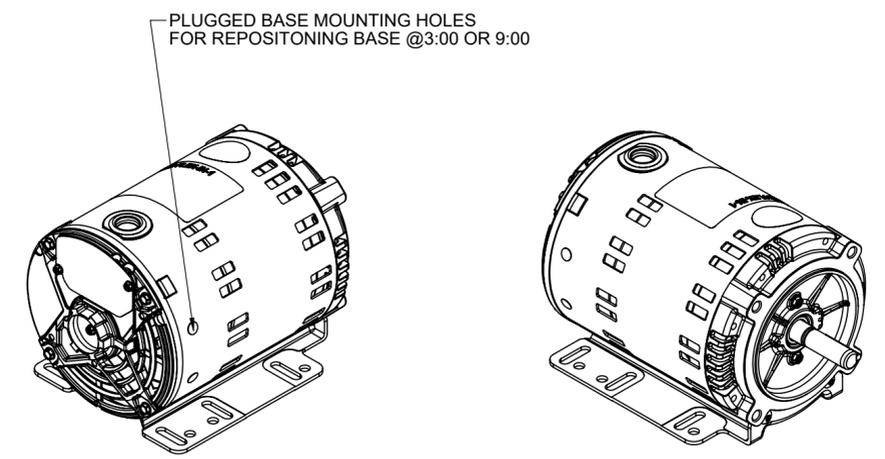
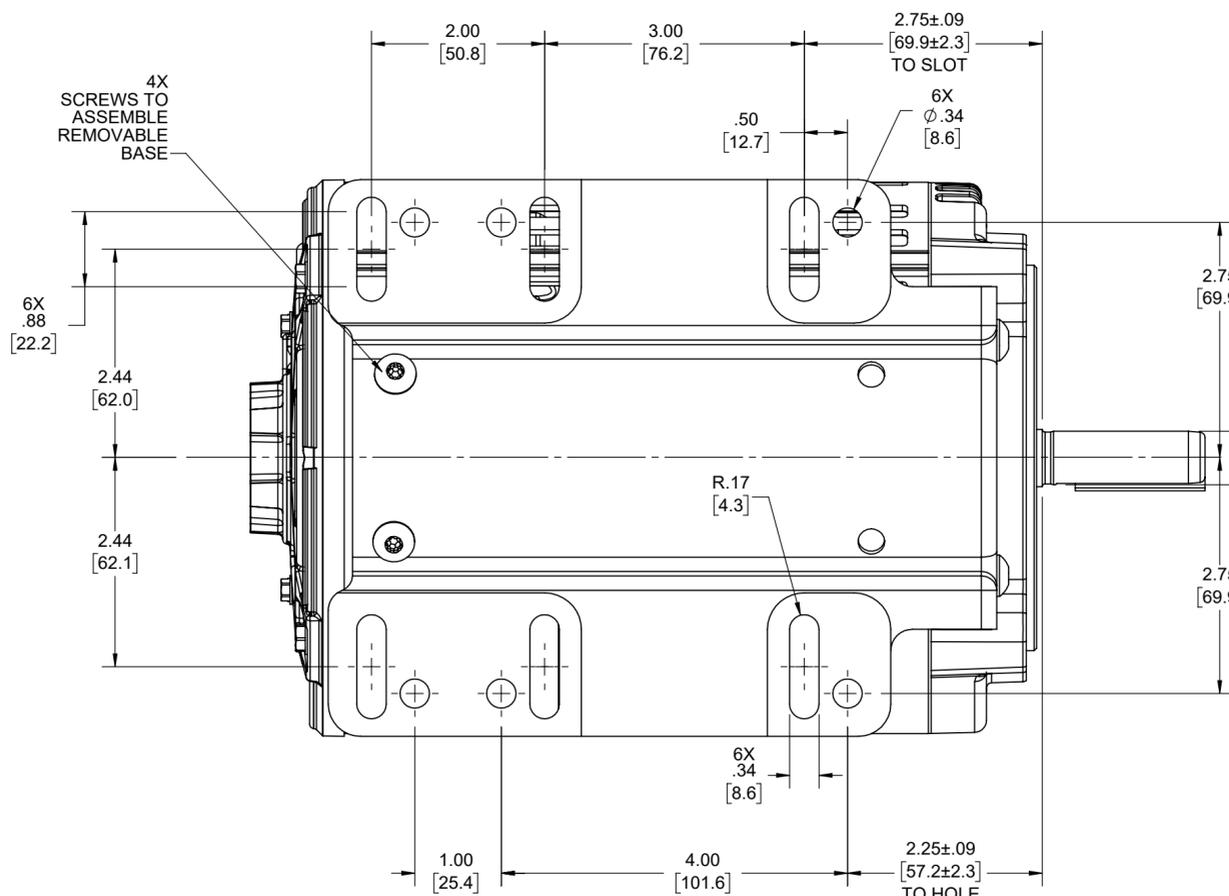
PLUGGED BASE MOUNTING HOLES FOR REPOSITIONING BASE @9:00 OR 12:00



DRAWING REVISION F	REVISION BY M.P	REV DATE/© DATE 03/04/2024	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±0.5° .XX ±0.02 [±0.5] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013]	DRAWN BY SRIKANTH	Regal Beloit America, Inc.
REQUEST NUMBER ECR-0231732	APPROVED BY P.V.R	DATE 03/04/2024	REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° CORNER FILLETS: R.02 [5] MACHINED SURFACES: .125/ mm 3.2 INCH mm	DATE 7/29/2022	
REQUEST NUMBER DESCRIPTION UPDATED AS PER ECR			DATE 7/29/2022	APPROVED BY PVR	DESCRIPTION OUTLINE
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			mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	THIRD ANGLE PROJECTION	PROCESS/FINISH
				SIZE C	DRAWING NUMBER OL56100850-001
					SHEET 2 OF 3



- NOTES:
- 1) REMOVABLE / REPOSITIONAL BASE CAN BE REMOVED FOR C-FACE MOUNTING OR REPOSITIONED TO 3:00 OR 9:00 FACING SHAFT END OF MOTOR FOR NEMA F-2 OR F-1 CONDUIT BOX LOCATION.
  - 2) KEY TO BE SHIPPED IN BAG WITH HOLE PLUGS AND BASE MOUNTING INSTRUCTION SHEET.



DRAWING REVISION F	REVISION BY M.P	REV DATE/@ DATE 03/04/2024	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±0.5° .XX ±0.02 [±0.5] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013]	DRAWN BY SRIKANTH	Regal Beloit America, Inc.	
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REQUEST NUMBER DESCRIPTION UPDATED AS PER ECR			DATE 7/29/2022	APPROVED BY PVR	DESCRIPTION OUTLINE 56H FR,DP, C-FACE, BOLT ON	
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			THIRD ANGLE PROJECTION	SIZE C	DRAWING NUMBER OL56100850-001	SHEET 3 OF 3

4

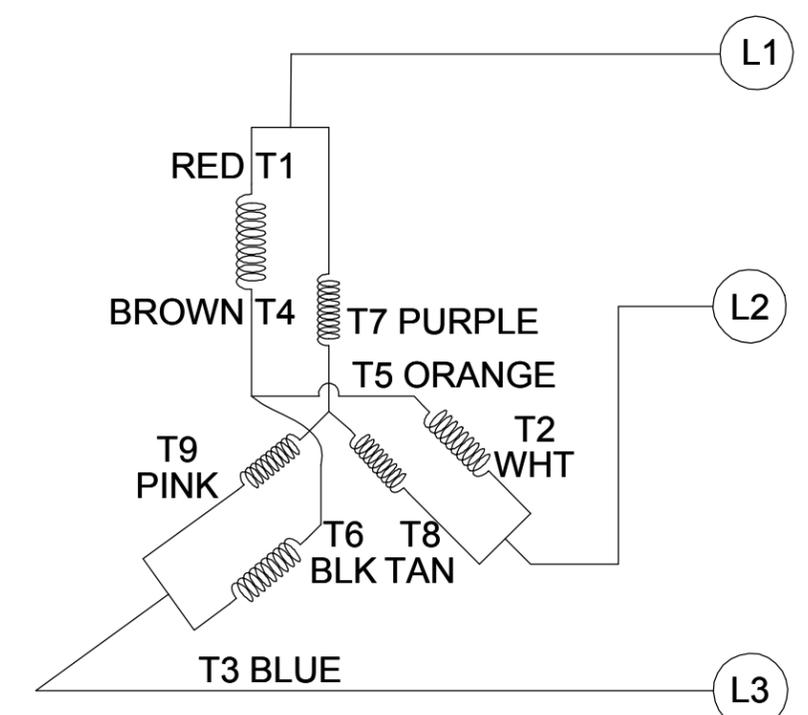
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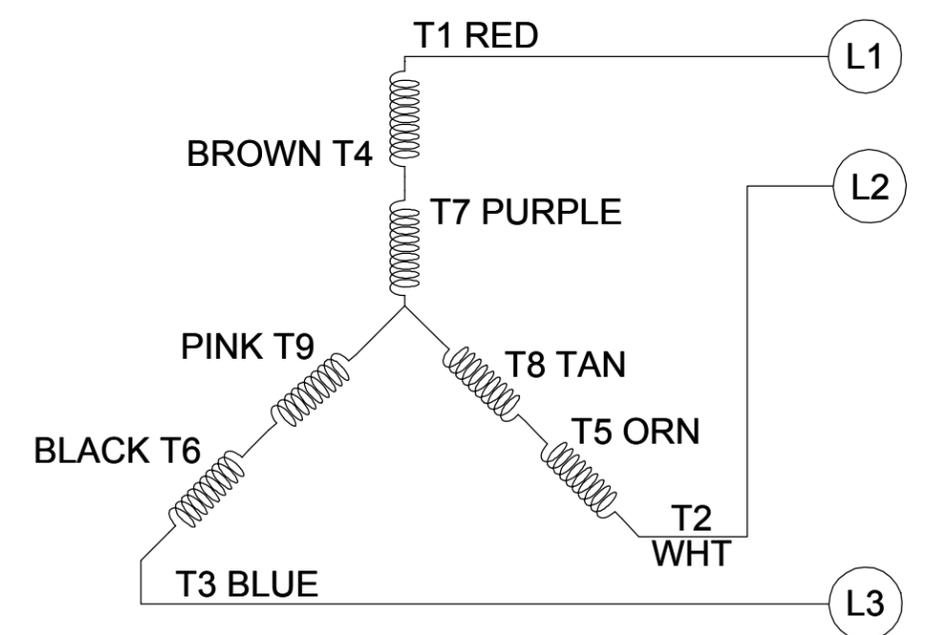
001

CCW LOW VOLTAGE



002

CCW HIGH VOLTAGE

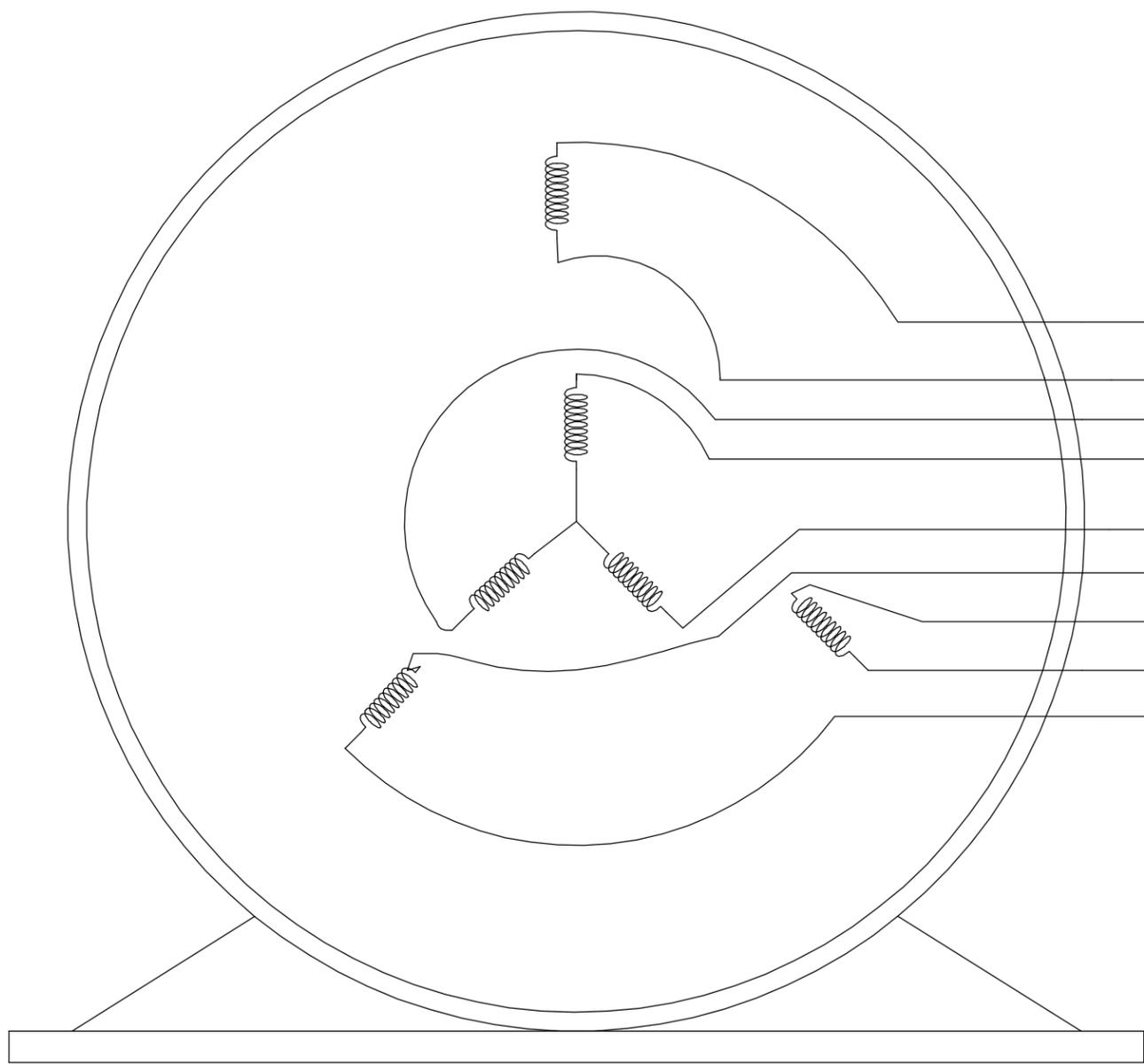


B

B

A

A



- T1 RED
- T4 BROWN
- T9 PINK
- T7 PURPLE
- T8 TAN
- T6 BLACK
- T5 ORANGE
- T2 WHITE
- T3 BLUE

VIEW OF TERMINAL END

NOTE:

1. TO REVERSE ROTATION, INTERCHANGE ANY TWO LINE CONNECTIONS TO L1, L2, OR L3.
2. CONNECTION DIAGRAM-NAMEPLATE DD10123-001 - CCWLE DD10199-001 - CWLE

DRAWING REVISION D	REVISION BY SHESHI	DATE 01/11/2019
ECO ECO-0159881	APPROVED BY CD	DATE 01/11/2019
ECO DESCRIPTION ADDED DD10199-001		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] CORNER FILLETS: .02 [.51] MACHINED SURFACES: 125 INCH 3.2 mm SHOWN IN [BRACKETS]			

DRAWN BY G. RODRIGUEZ	DATE 12-01-2017
APPROVED BY J. A. MORENO	DATE 12-01-2017
REFERENCE CDTD103	THIRD ANGLE PROJECTION

Regal Beloit America, Inc.	
DESCRIPTION CONN DIAGRAM-EXTERNAL	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER CDTD127
SHEET 1 OF 1	

4

3

2

1

## EC Declaration of Conformity

The undersigned representing  
the manufacturer:

Regal Beloit America  
1946 West Cook Road  
Fort Wayne, IN 46818

and the authorized representative  
established within the Community:

Regal Beloit Italy  
Via Modena, 18  
24040 Ciserano(BG) - Italy

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No : 056T17D15843

(Model No. may contain prefix and/or suffix characters)

Catalog No : FX13BK003

Rework No : N/A

Directives :

Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010)

EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:



Zach Stauffer  
Vice President, Engineering

Authorized Representative in the Community:



Stefano Casiraghi  
Technology Director, Engineering

Created on 07/08/2025

**CE 25**