PRODUCT INFORMATION PACKET

Model No: 056T17F15949
Catalog No: FX13BK004
FLEX-IN-1™ General Purpose Motor, 0.33 & 0.33 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM, 56C Frame, TEFC

Operational at 208-230/460 V @60HZ



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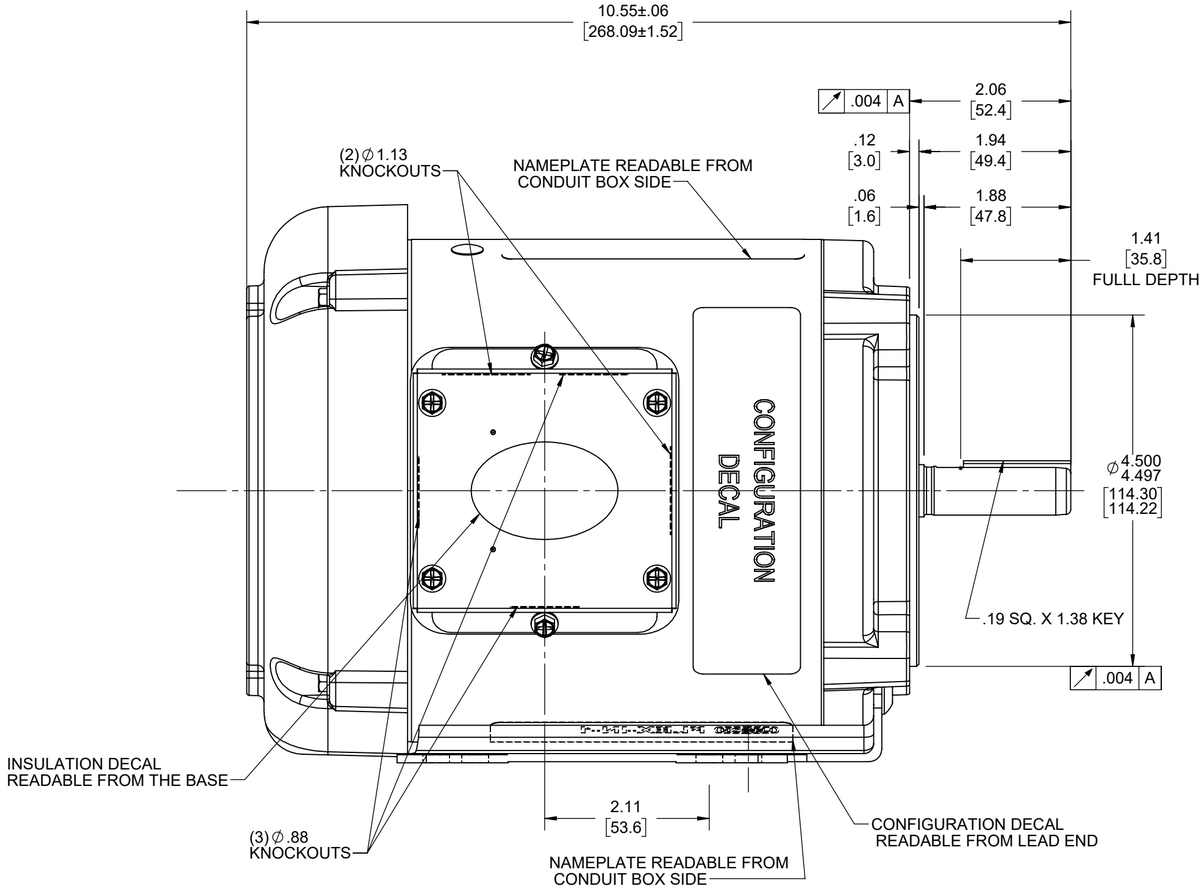
Nameplate Specifications

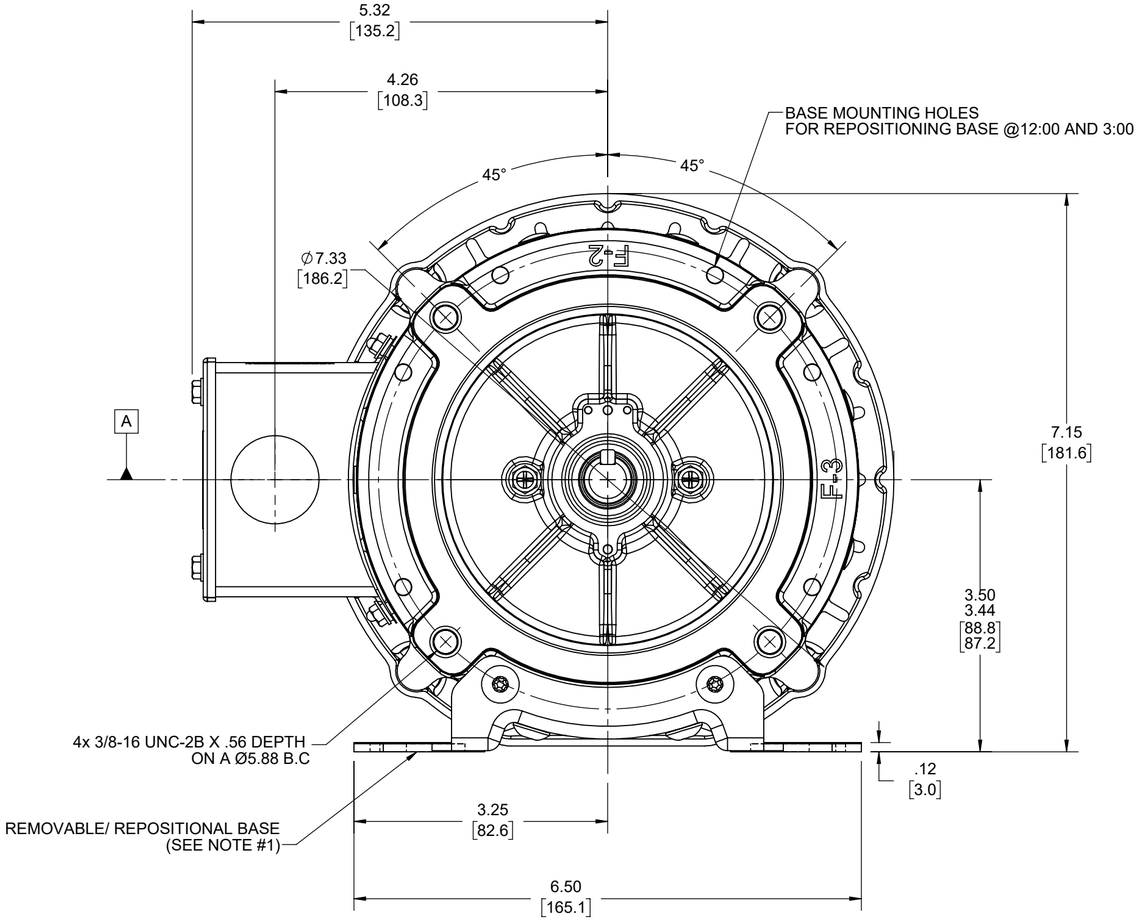
Phase	3	Output HP	0.33 & 0.33 Hp
Output KW	0.25 & 0.25 kW	Voltage	230/460 & 190/380 V
Speed	1725 & 1425 rpm	Service Factor	1.15 & 1.00
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	68 & 72 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	1.6/.8 & 1.6/.8 A	Power Factor	61.9
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	N
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

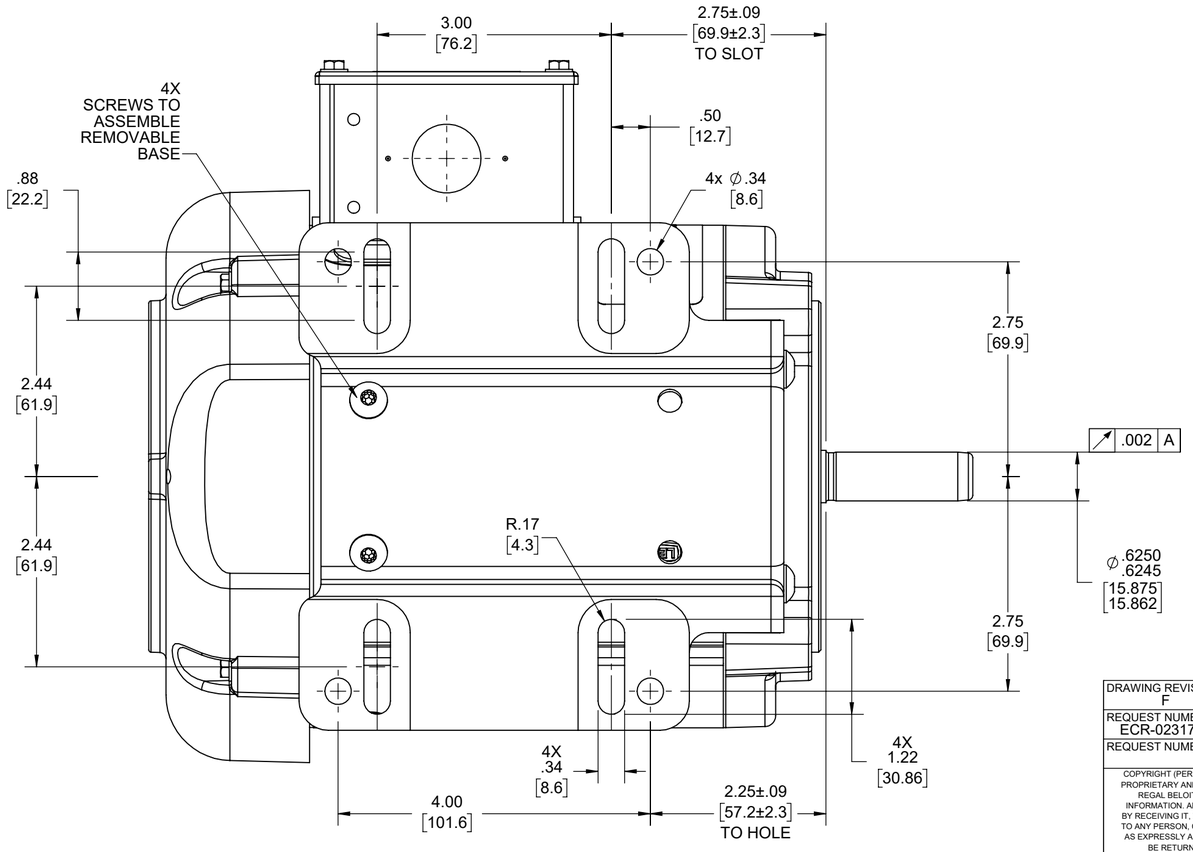
Technical Specifications

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 Or Up Or Down	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 10:1
Outline Drawing	OL56100807-001	Connection Drawing	CDTD127

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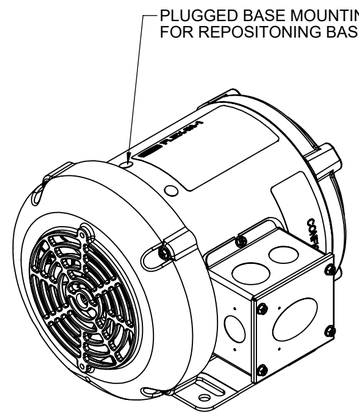


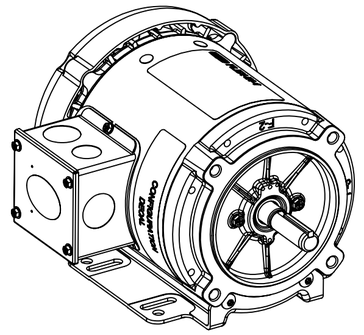




NOTES:

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.





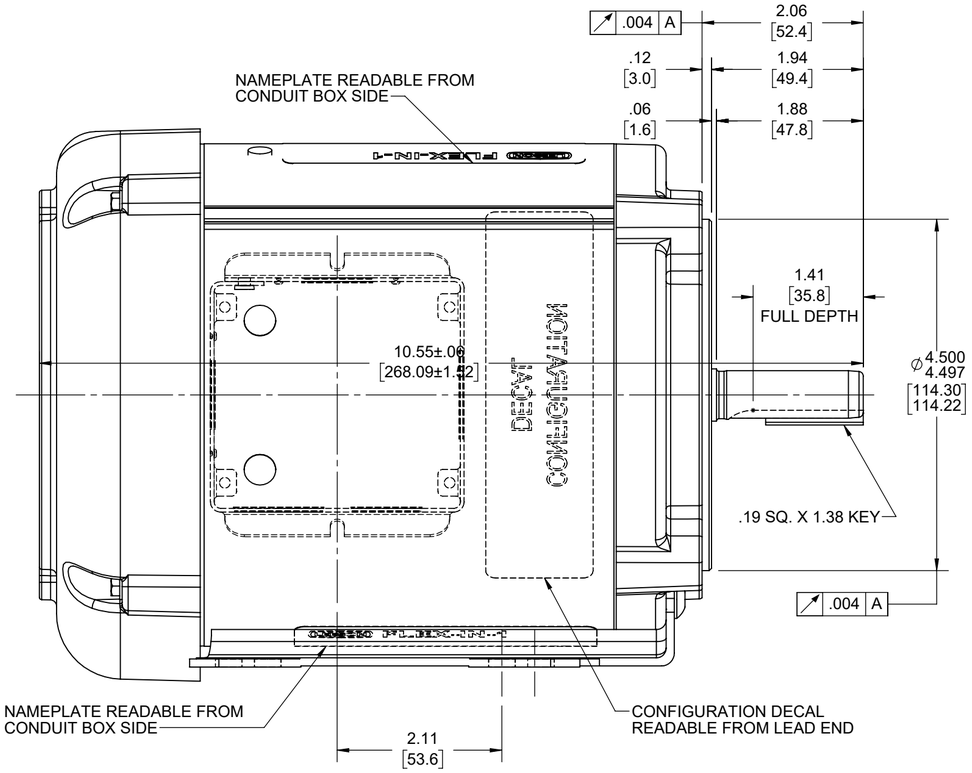
DRAWING REVISION: F	REVISION BY: M.P	REV DATE/© DATE: 03/05/2024	DRAWN BY: SRIKANTH	Regal Rexnord — Regal Beloit America, Inc.
REQUEST NUMBER: ECR-0231732	APPROVED BY: PVR	DATE: 03/05/2024	DATE: 05/18/2022	
REQUEST NUMBER DESCRIPTION: UPDATED AS PER ECR			APPROVED BY: PVR	DESCRIPTION: OUTLINE — 56C FR,TEFC, C-FACE, BOLT-ON
			DATE: 05/18/2022	
			REFERENCE	MATERIAL / PROCESS/FINISH
			THIRD ANGLE PROJECTION	SIZE: C — DRAWING NUMBER: OL56100807-001 — SHEET: 1 OF3

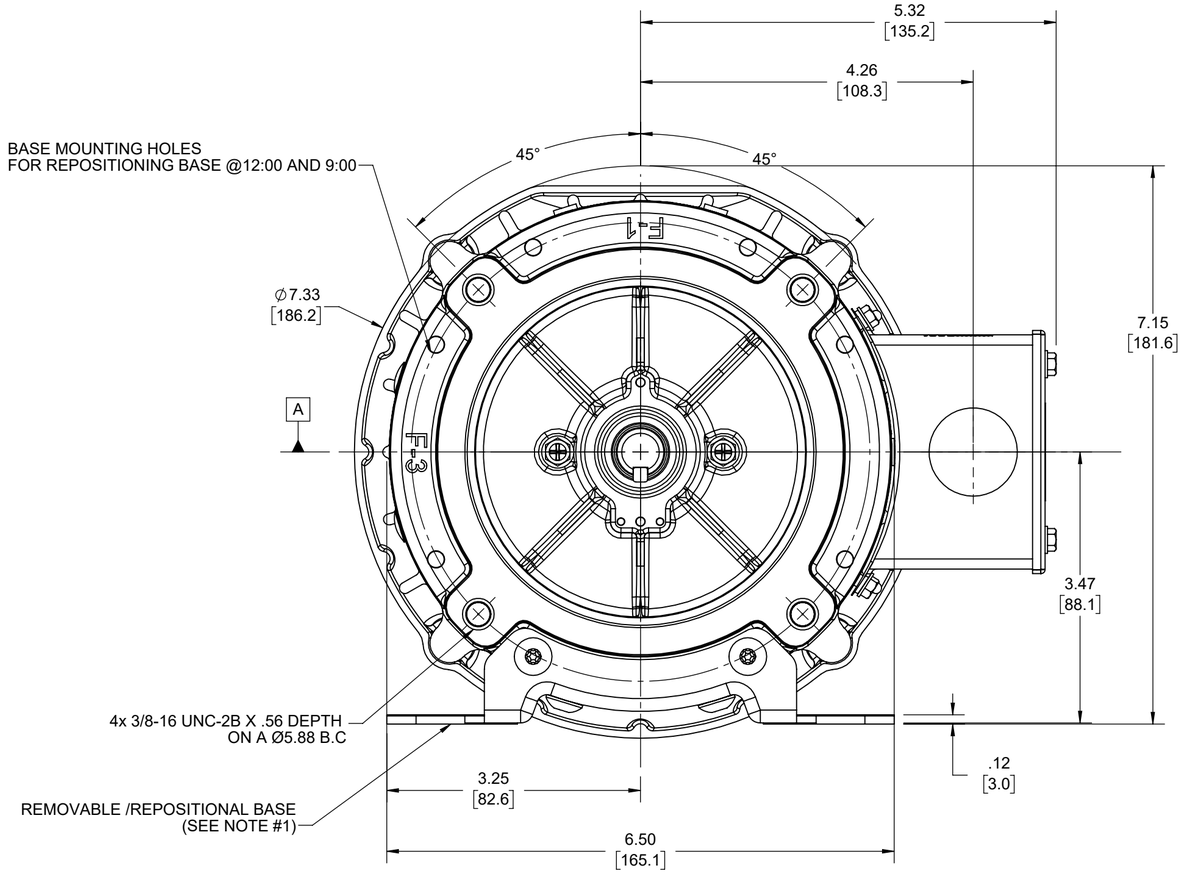
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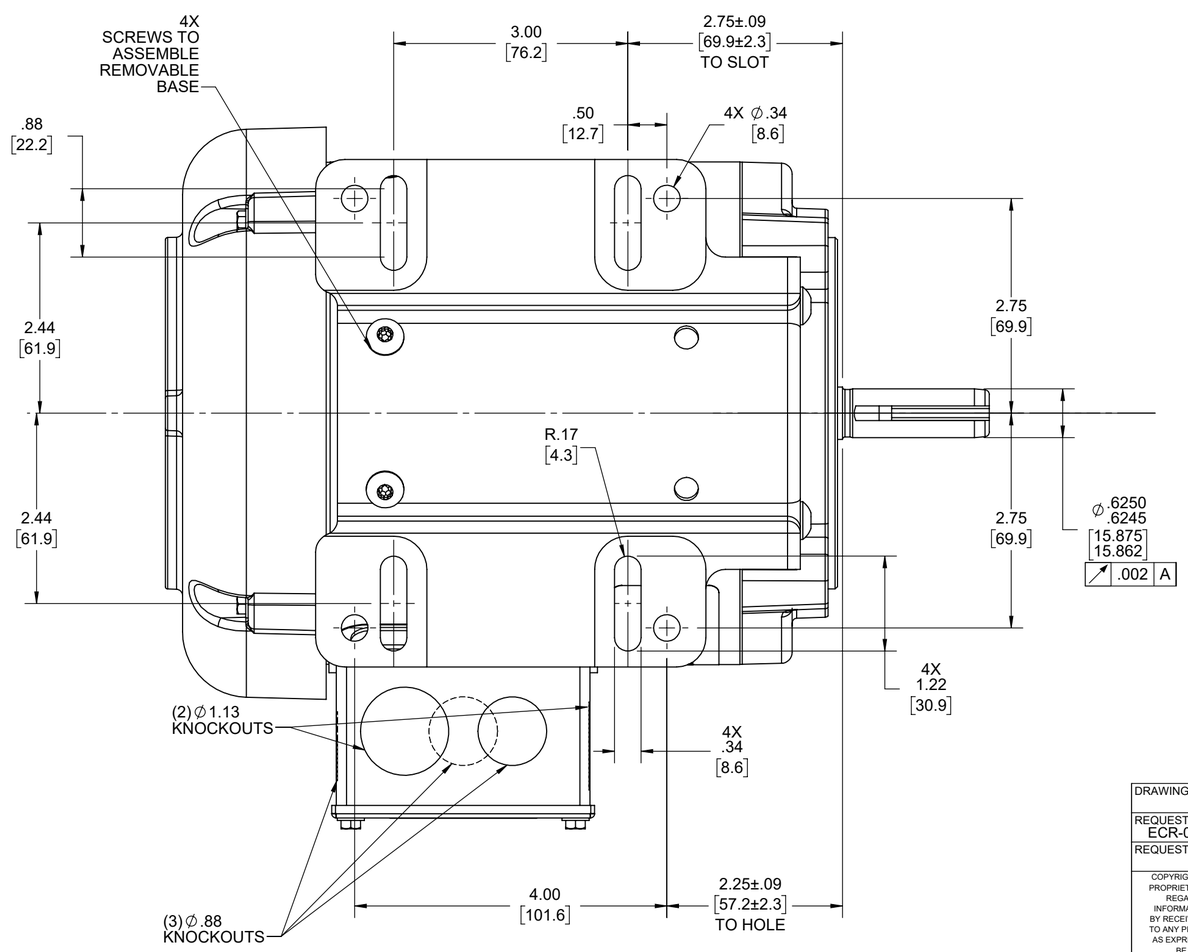
TOLERANCES (EXCEPT AS NOTED):

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]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 125 INCH / 3.2 mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

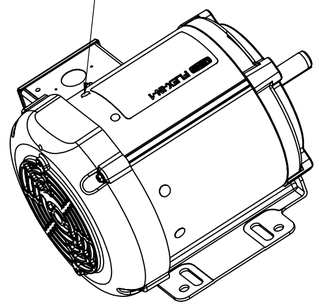


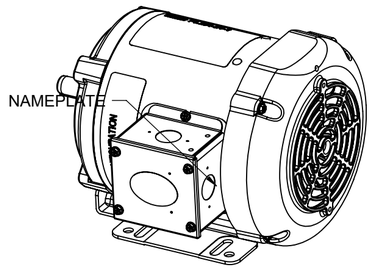




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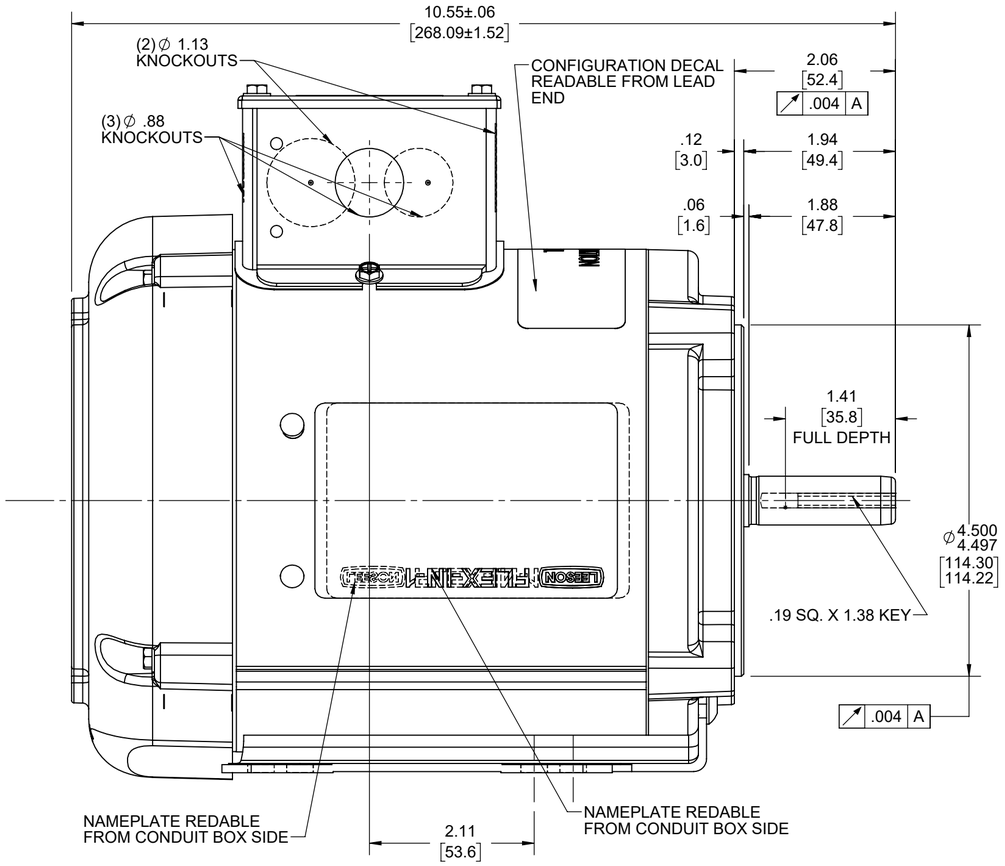
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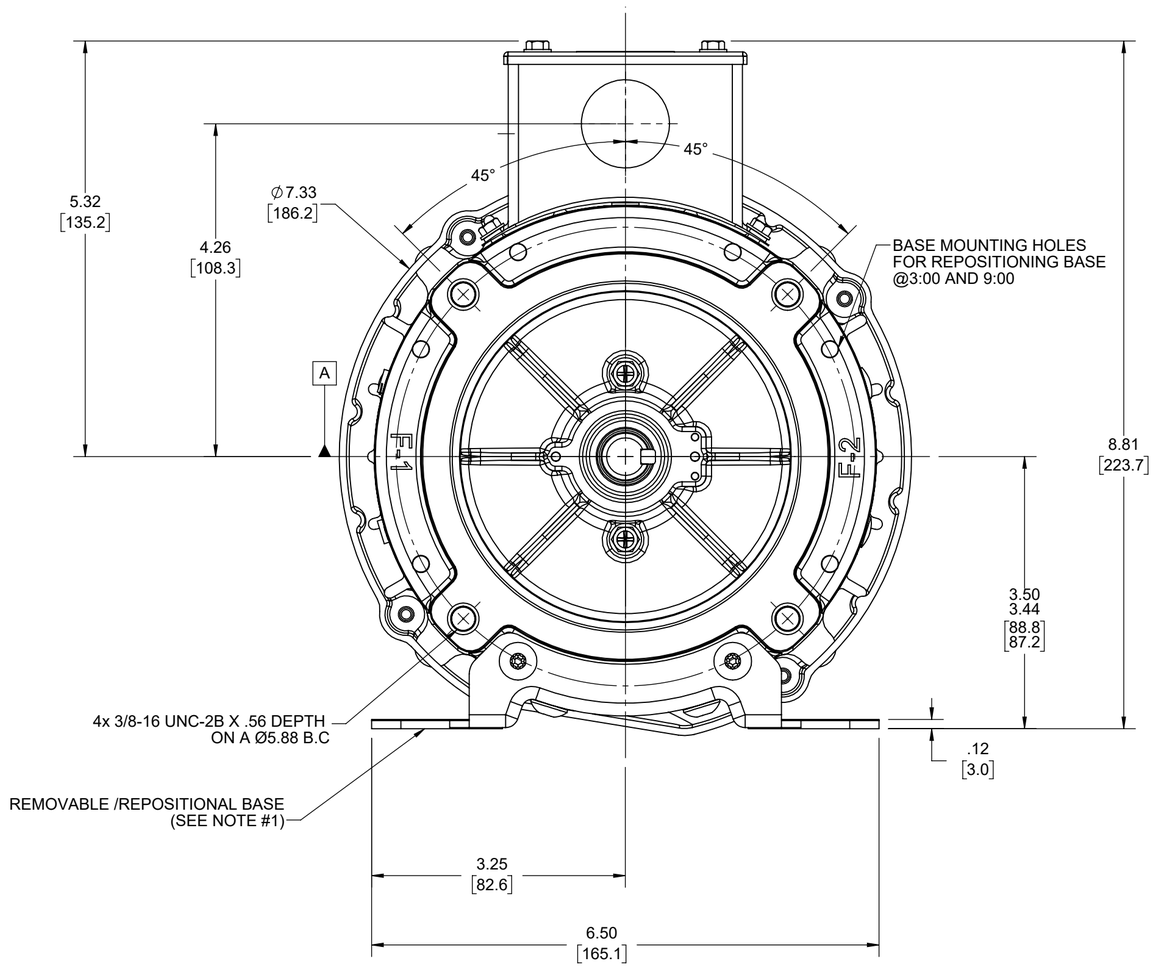
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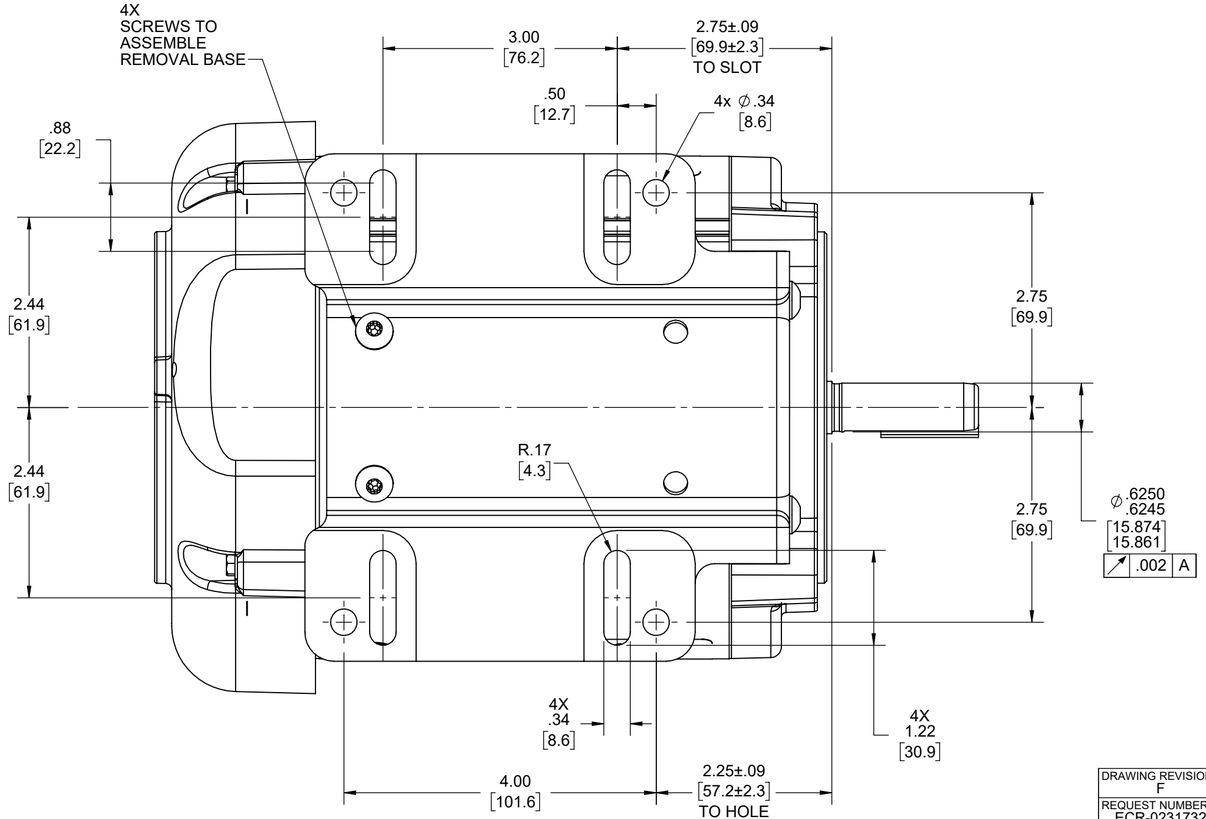
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.XX	±0.02	[±0.5]	
.XXX	±0.005	[±0.13]	
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REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 125/ INCH 3.2/ mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY: SRIKANTH	Regal Rexnord	Regal Beloit America, Inc.	
DATE: 05/18/2022			
APPROVED BY: PVR	DESCRIPTION: OUTLINE		
DATE: 05/18/2022	56C FR,TEFC, C-FACE, BOLT-ON		
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE: C	DRAWING NUMBER: OL56100807-001	SHEET: 2 OF3

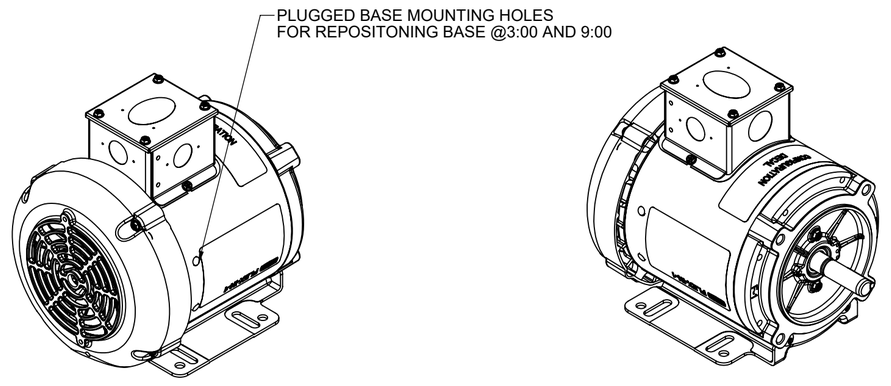






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REQUEST NUMBER: ECR-0231732	APPROVED BY: PVR	DATE: 03/05/2024
REQUEST NUMBER DESCRIPTION: UPDATED AS PER ECR		

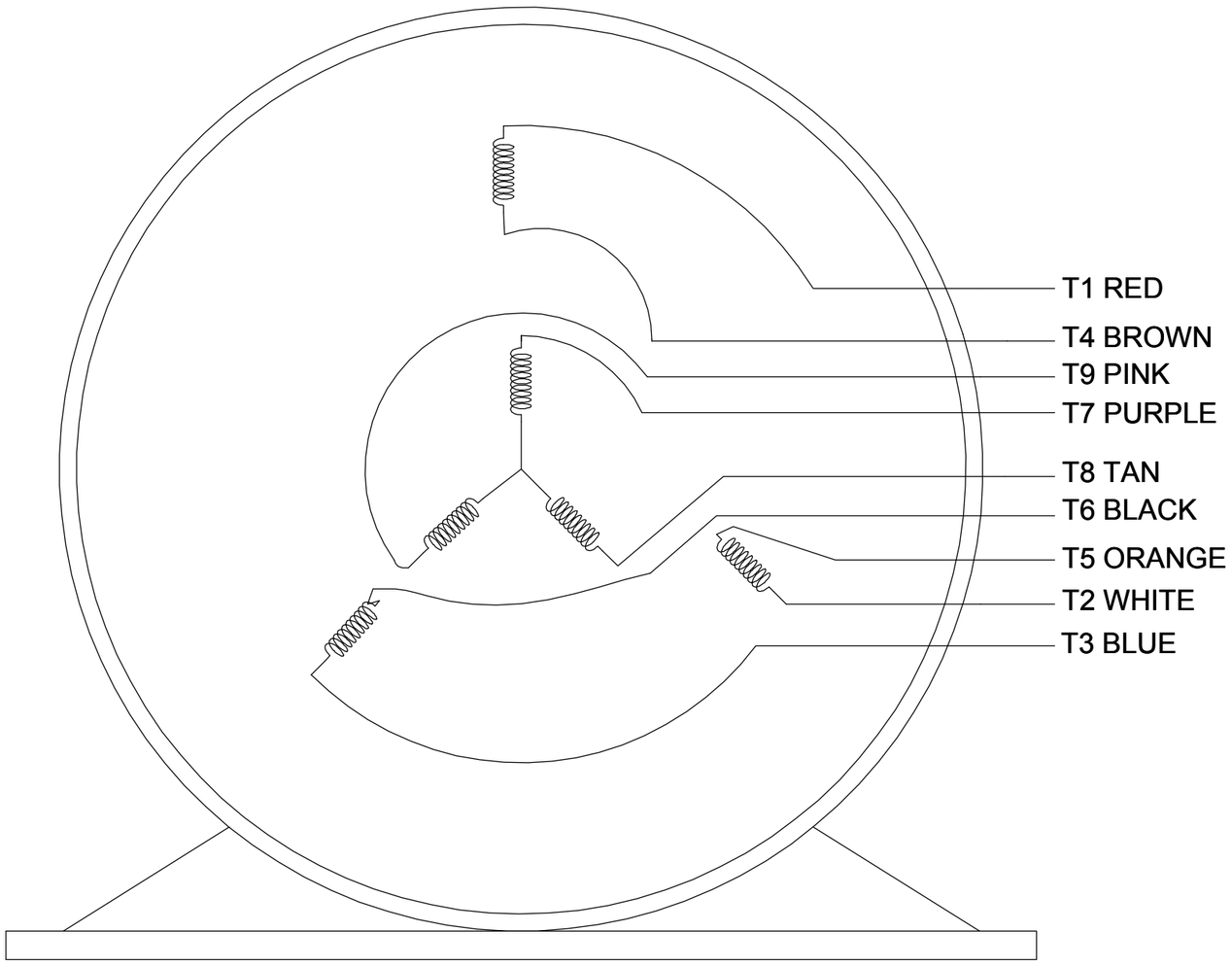
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.XX	±0.02	[±0.5]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	

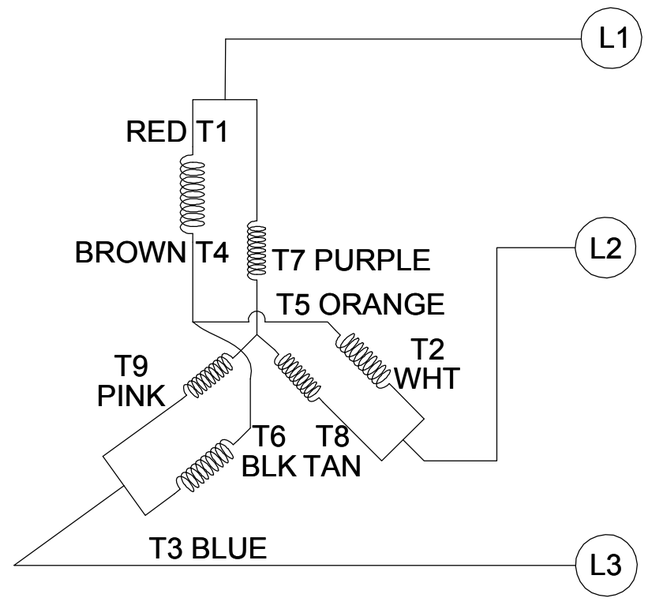
REMOVE BURRS & BREAK SHARP
EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 125 INCH / 3.2 mm
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

DRAWN BY: SRIKANTH	Regal Rexnord — Regal Beloit America, Inc.
DATE: 05/18/2022	
APPROVED BY: PVR	DESCRIPTION: OUTLINE
DATE: 05/18/2022	56C FR,TEFC, C-FACE, BOLT-ON
REFERENCE	MATERIAL / PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: C — DRAWING NUMBER: OL56100807-001 — SHEET: 3 OF3

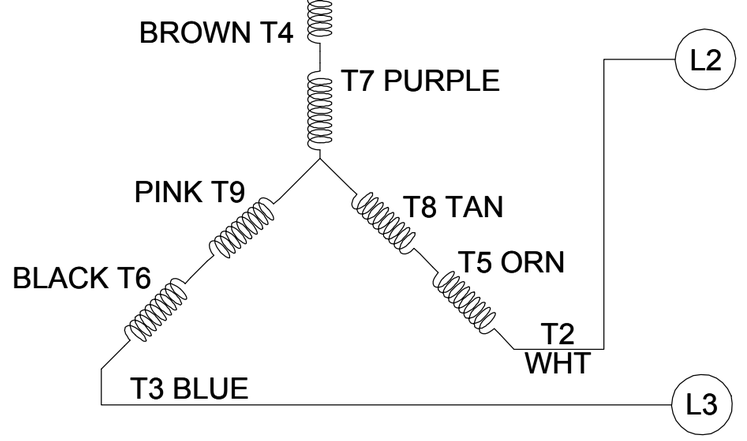


VIEW OF TERMINAL END

CCW LOW VOLTAGE 001



CCW HIGH VOLTAGE 002



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	REVISION BY	DATE
D	SHESHI	01/11/2019
ECO	APPROVED BY	DATE
ECO-0159881	CD	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
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

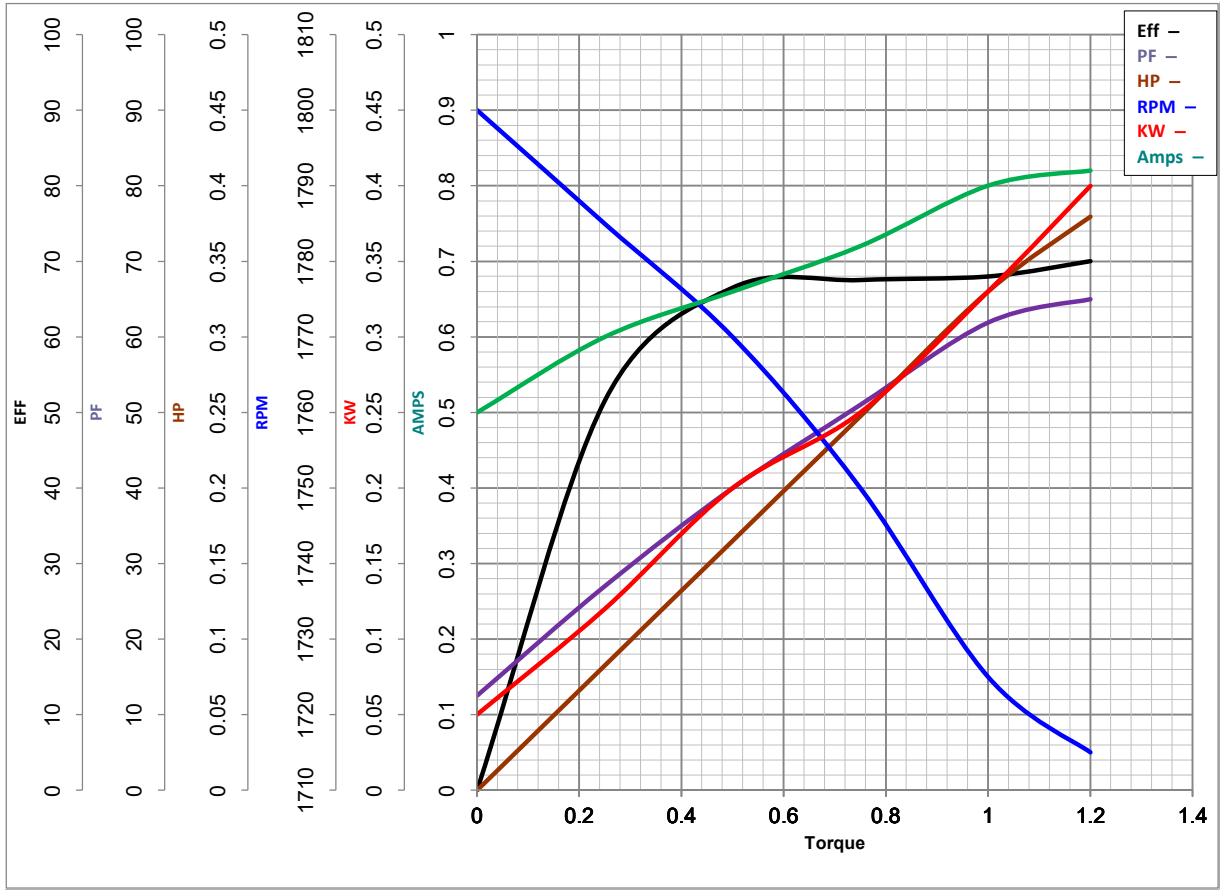
MATERIAL | PROCESS/FINISH

SIZE B | DRAWING NUMBER CDTD127 | SHEET 1 OF 1

REGAL REXNORD CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Curve at	460	**Volts**	**HP**	0.33&0.33	**PHASE**	3
	60	**HZ**				
Model No	056T17F15949	0.33	**HP**	**VOLTS**	230/460&190/380	
Catalog No	FX13BK004			**HZ**	60&50	**RPM**	1725&1425



TORQUE in **LB-FT**

FL TORQUE	1.00	**LB-FT**	**FL AMPS**	1.6/0.8	
BD TORQUE	5.30	**LB-FT**	**PU TORQUE**	3.90	**LB-FT**
LR TORQUE	4.30	**LB-FT**	**LR AMPS**	5.0	
WINDING	ZT412-3	**Prepared By**	Vaishali	**Date**	11/1/2023

REV. NOTE - UPDATED FROM MARATHON ELECTRIC TO RRX AND LEESON LOGO

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 : 056T17F15949

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

Catalog No : FX13BK004

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