

PRODUCT INFORMATION PACKET



Model No: 056T11F15543

Catalog No: FX34FK004

FLEX-IN-1™ General Purpose Motor, 0.75 HP, 3 Ph, 60 Hz, 575 V, 1200 RPM, 56HC Frame, TEFC



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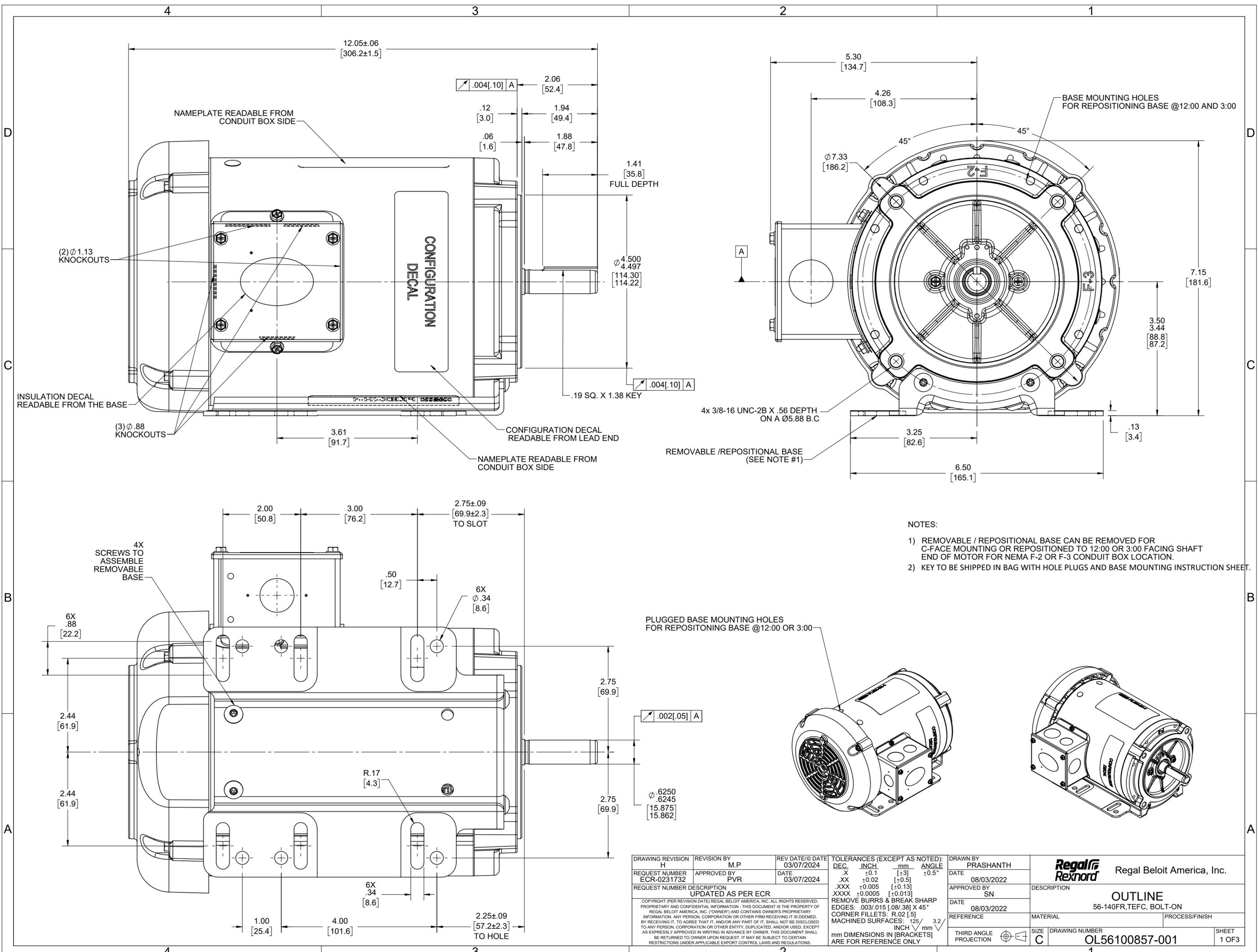
Nameplate Specifications

Phase	3	Output HP	0.75 Hp
Output KW	0.56 kW	Voltage	575 V
Speed	1140 rpm	Service Factor	1.15
Frame	56HC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	75.2 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	1.4 A	Power Factor	56.4
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	M
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	6	Rotation	Reversible
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		
Connection Drawing	CDTS141	Outline Drawing	OL56100857-001

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12.05±.06 [306.2±1.5]

NAMEPLATE READABLE FROM CONDUIT BOX SIDE

INSULATION DECAL READABLE FROM THE BASE

(2) Ø 1.13 KNOCKOUTS

(3) Ø .88 KNOCKOUTS

CONFIGURATION DECAL

NAMEPLATE READABLE FROM CONDUIT BOX SIDE

CONFIGURATION DECAL READABLE FROM LEAD END

2.06 [52.4]

1.94 [49.4]

1.88 [47.8]

1.41 [35.8] FULL DEPTH

Ø 4.500 [114.30] / 4.497 [114.22]

.19 SQ. X 1.38 KEY

3.61 [91.7]

Ø 7.33 [186.2]

45°

45°

BASE MOUNTING HOLES FOR REPOSITIONING BASE @12:00 AND 3:00

7.15 [181.6]

3.50 [88.8] / 3.44 [87.2]

4x 3/8-16 UNC-2B X .56 DEPTH ON A Ø5.88 B.C.

REMOVABLE /REPOSITIONAL BASE (SEE NOTE #1)

3.25 [82.6]

.13 [3.4]

6.50 [165.1]

2.00 [50.8]

3.00 [76.2]

2.75±.09 [69.9±2.3] TO SLOT

4X SCREWS TO ASSEMBLE REMOVABLE BASE

6X Ø .88 [22.2]

.50 [12.7]

6X Ø .34 [8.6]

2.75 [69.9]

2.44 [61.9]

2.44 [61.9]

R.17 [4.3]

2.75 [69.9]

Ø .6250 [15.875] / .6245 [15.862]

6X Ø .34 [8.6]

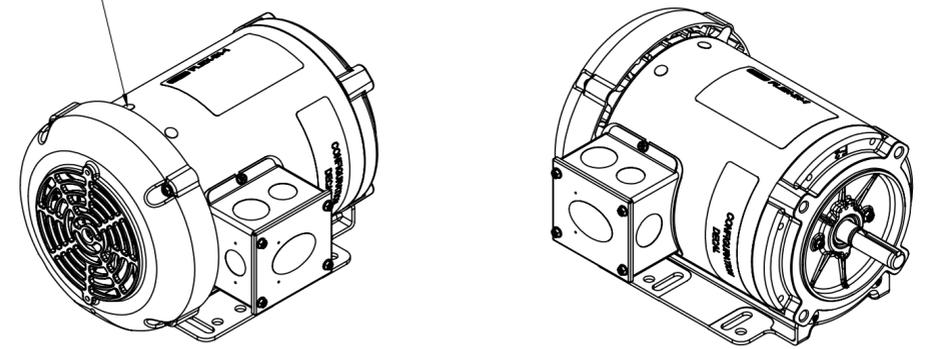
2.25±.09 [57.2±2.3] TO HOLE

1.00 [25.4]

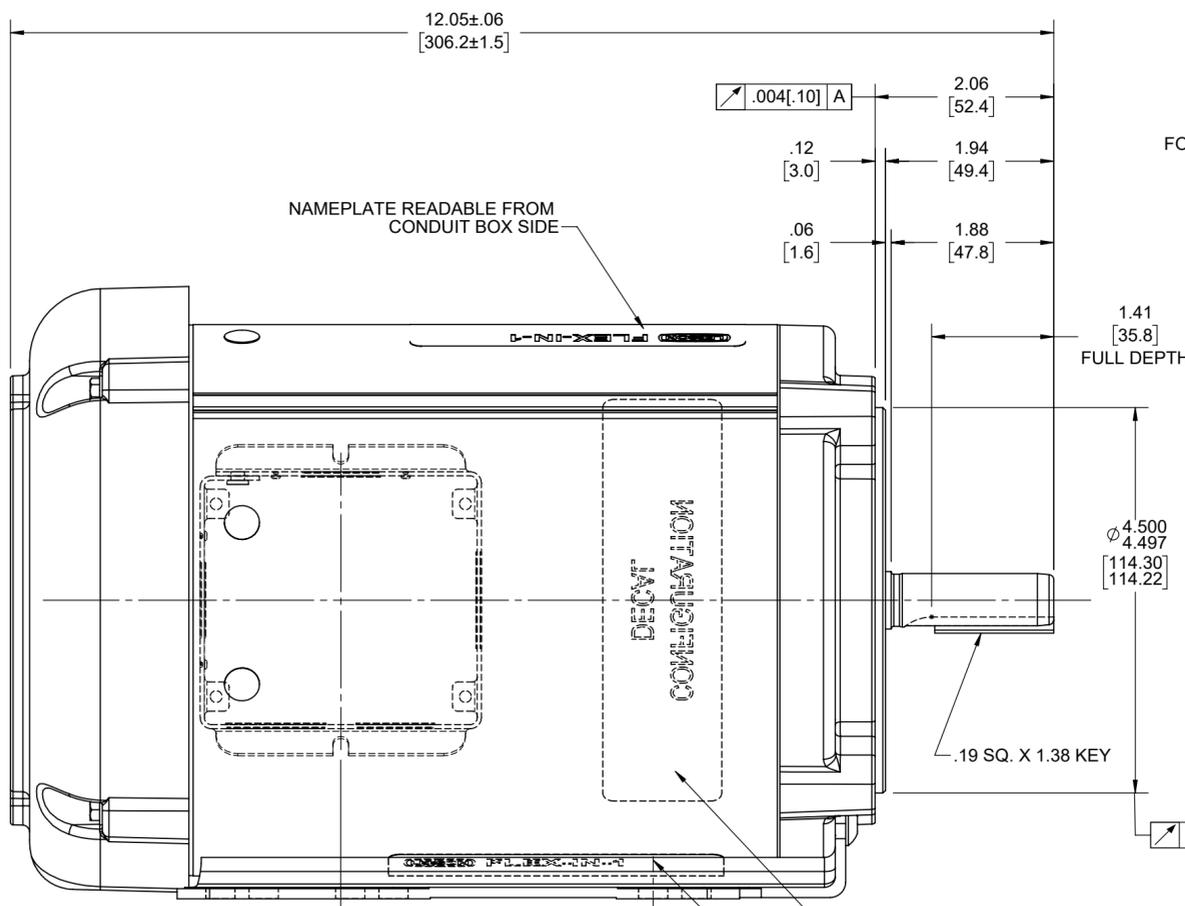
4.00 [101.6]

- 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.

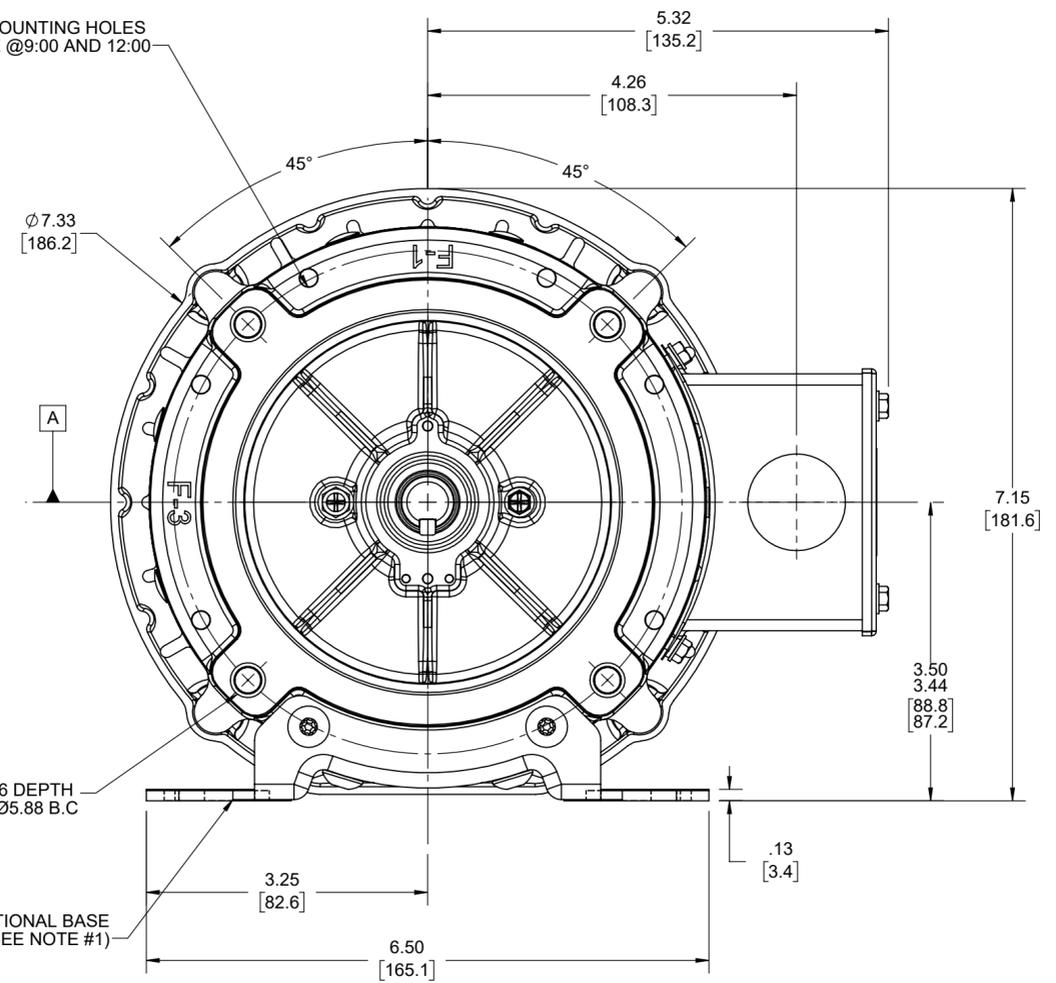
PLUGGED BASE MOUNTING HOLES FOR REPOSITIONING BASE @12:00 OR 3:00



DRAWING REVISION H	REVISION BY M.P	REV DATE/© DATE 03/07/2024	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE		DRAWN BY PRASHANTH	Regal Beloit America, Inc.
REQUEST NUMBER ECR-0231732	APPROVED BY PVR	DATE 03/07/2024	.X ±0.1 [±3]	±0.5°	DATE 08/03/2022	
REQUEST NUMBER DESCRIPTION UPDATED AS PER ECR			.XX ±0.02 [±0.5]		APPROVED BY SN	MATERIAL
<small>COPYRIGHT (PER REVISION DATE) REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.</small>			.XXX ±0.005 [±0.13]		DATE 08/03/2022	PROCESS/FINISH
			.XXXX ±0.0005 [±0.013]		REFERENCE	
			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [Ø8/.38] X 45°		THIRD ANGLE PROJECTION	SIZE C
			CORNER FILLETS: R.02 [5]			DRAWING NUMBER OL56100857-001
			MACHINED SURFACES: ±.125 / mm 3.2			SHEET 1 OF 3
			mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY			



BASE MOUNTING HOLES FOR REPOSITIONING BASE @9:00 AND 12:00



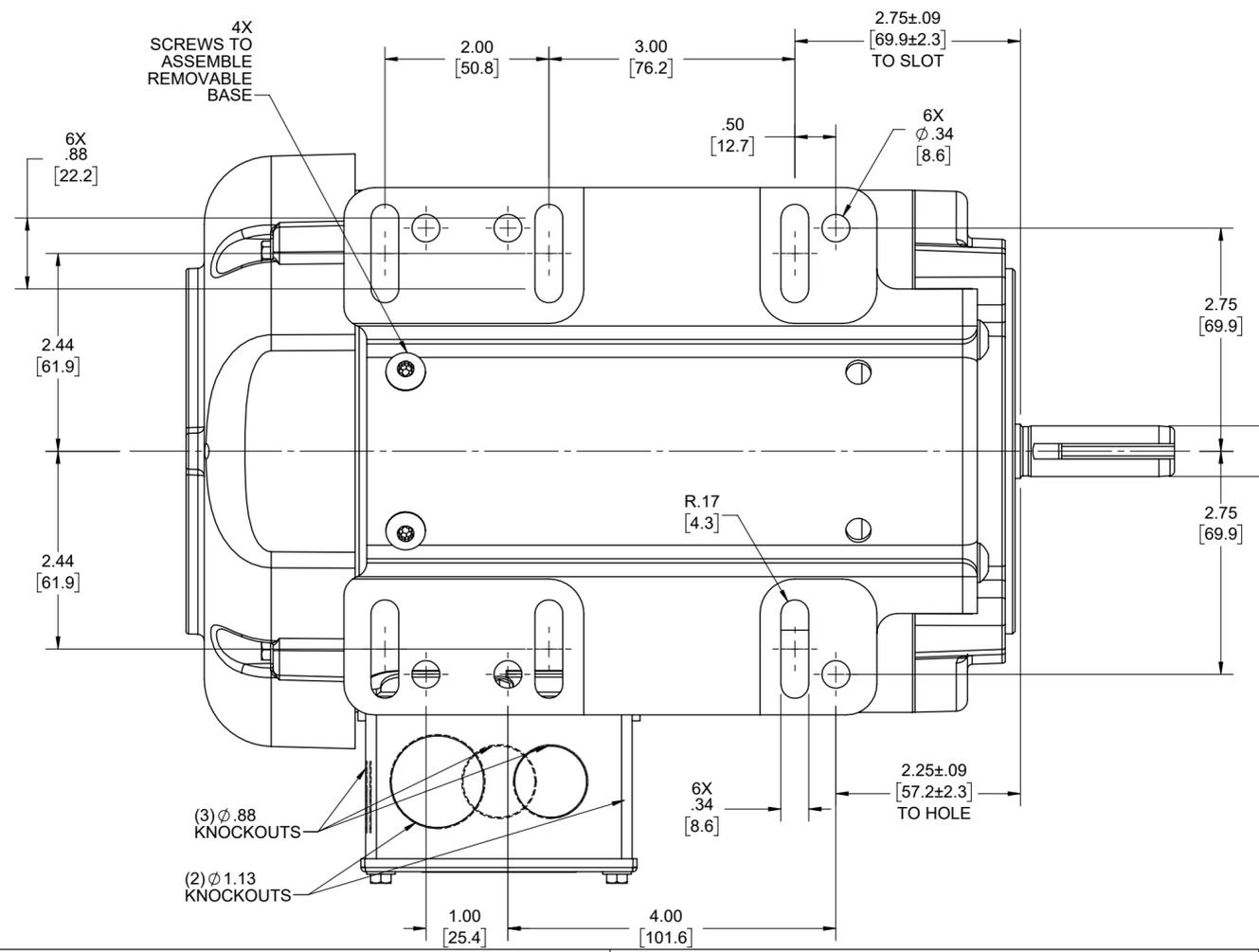
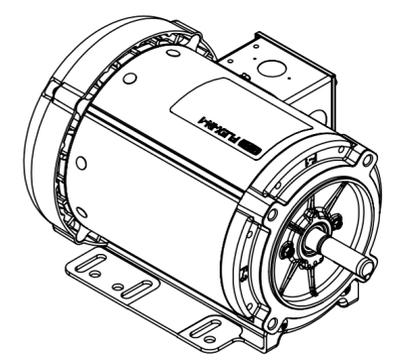
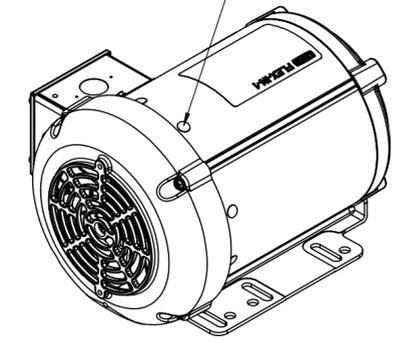
4x 3/8-16 UNC-2B X .56 DEPTH ON A Ø5.88 B.C

REMOVABLE /REPOSITIONAL BASE (SEE NOTE #1)

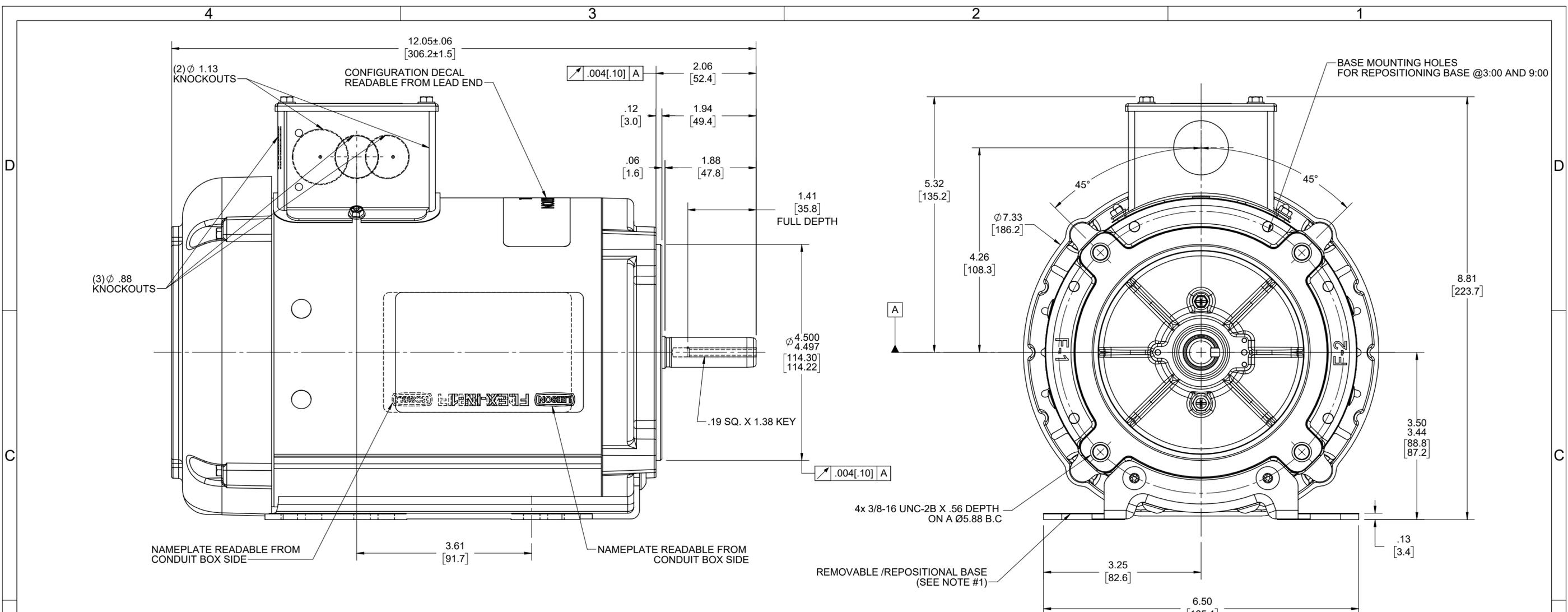
NOTES:

- 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.

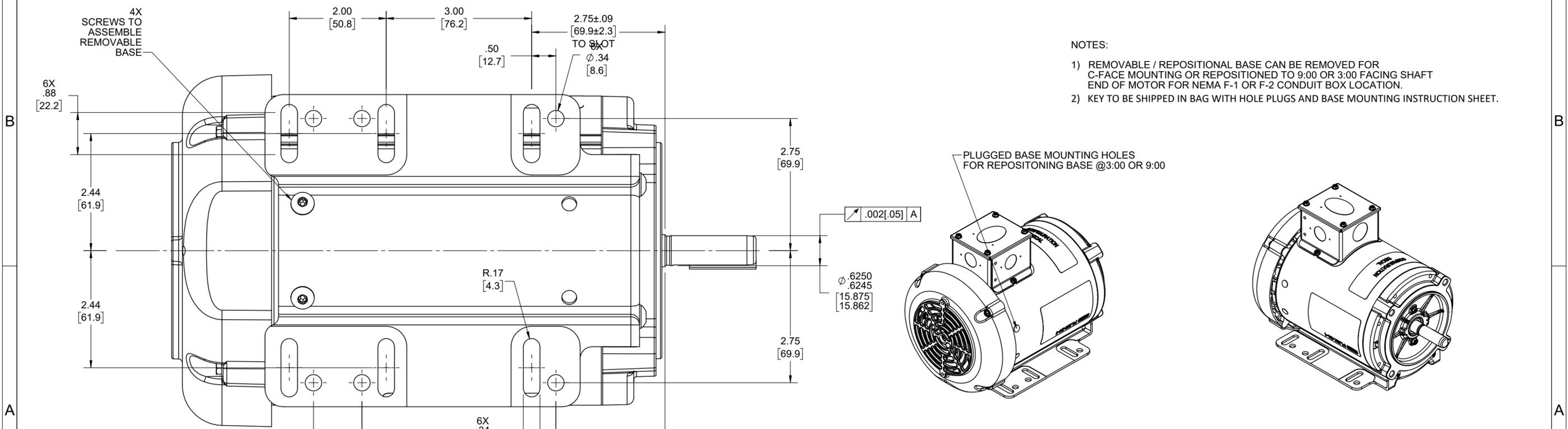
PLUGGED BASE MOUNTING HOLES FOR REPOSITIONING BASE @9:00 OR 12:00



DRAWING REVISION H	REVISION BY M.P	REV DATE/© DATE 03/07/2024	TOLERANCES (EXCEPT AS NOTED):				DRAWN BY PRASHANTH	Regal Rexnord Regal Beloit America, Inc.	
REQUEST NUMBER ECR-0231732	APPROVED BY PVR	DATE 03/07/2024	DEC.	INCH	mm	ANGLE	DATE 08/03/2022	DESCRIPTION OUTLINE	
REQUEST NUMBER DESCRIPTION UPDATED AS PER ECR			.X	±0.1	[±3]	±0.5°	APPROVED BY SN	MATERIAL 56-140FR,TEFC, BOLT-ON	
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			.XXX	±0.005	[±0.13]		REFERENCE	DRAWING NUMBER OL56100857-001	
			.XXXX	±0.0005	[±0.013]		THIRD ANGLE PROJECTION	SHEET 2 OF 3	
			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: ±.125 / mm 3.2 INCH / mm				SIZE C	DRAWING NUMBER OL56100857-001	
			mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY						

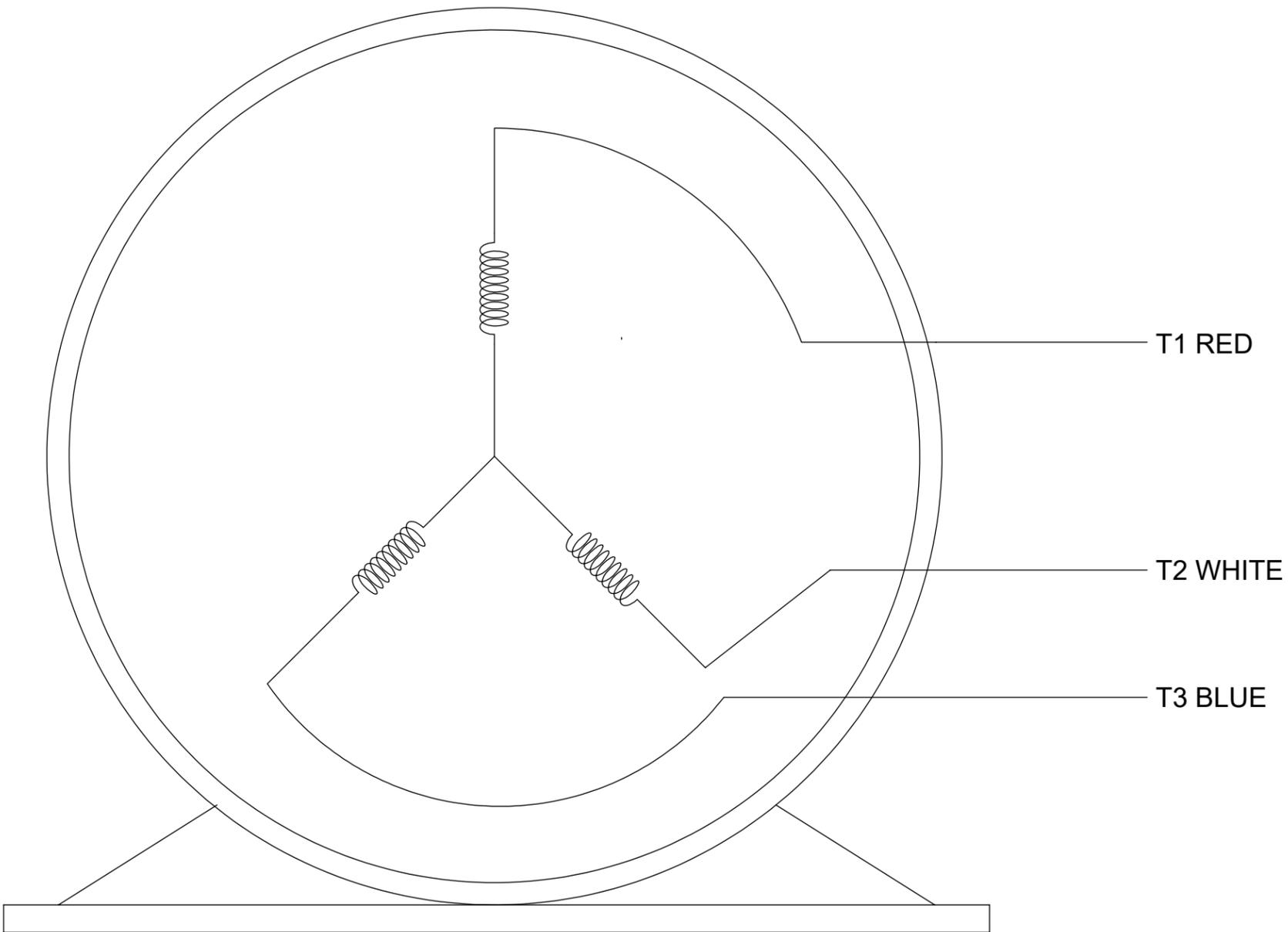


- NOTES:
- 1) REMOVABLE / REPOSITIONAL BASE CAN BE REMOVED FOR C-FACE MOUNTING OR REPOSITIONED TO 9:00 OR 3:00 FACING SHAFT END OF MOTOR FOR NEMA F-1 OR F-2 CONDUIT BOX LOCATION.
 - 2) KEY TO BE SHIPPED IN BAG WITH HOLE PLUGS AND BASE MOUNTING INSTRUCTION SHEET.



DRAWING REVISION H	REVISION BY M.P	REV DATE/© DATE 03/07/2024	TOLERANCES (EXCEPT AS NOTED):				DRAWN BY PRASHANTH	Regal Rexnord Regal Beloit America, Inc.	
REQUEST NUMBER ECR-0231732	APPROVED BY PVR	DATE 03/07/2024	DEC.	INCH	mm	ANGLE	DATE 08/03/2022	DESCRIPTION	
REQUEST NUMBER DESCRIPTION UPDATED AS PER ECR			.X	±0.1	[±3]	±0.5°	APPROVED BY SN	OUTLINE	
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			.XXX	±0.005	[±0.13]		REFERENCE	MATERIAL	PROCESS/FINISH
			.XXXX	±0.0005	[±0.013]		THIRD ANGLE PROJECTION	SIZE C	DRAWING NUMBER OL56100857-001
			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°					SHEET 3 OF 3	
			CORNER FILLETS: R.02 [.5]						
			MACHINED SURFACES: .125 / 3.2 INCH / mm						
			mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY						

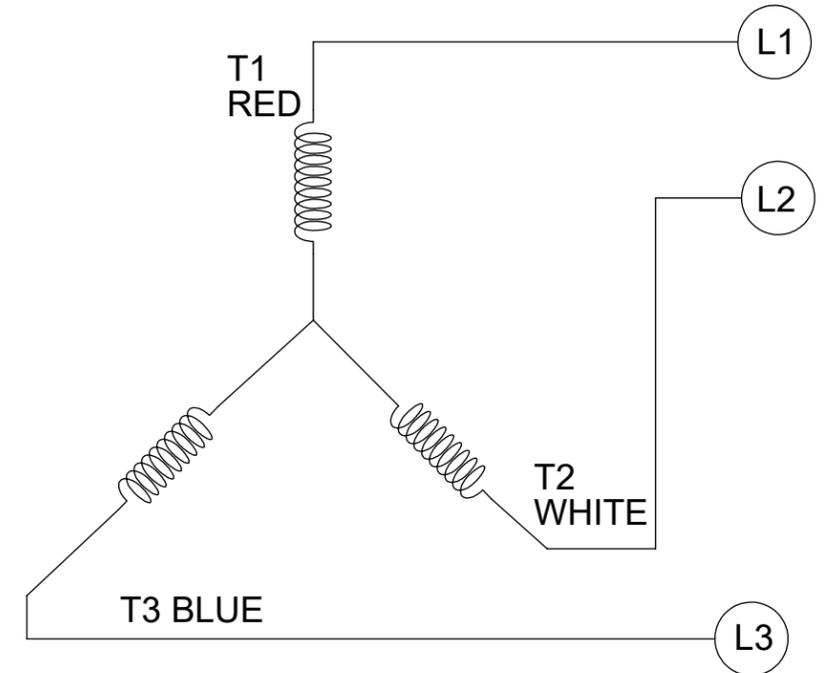
SINGLE VOLTAGE-THREE PHASE WITHOUT PROTECTOR



VIEW OF TERMINAL END

CCW-SINGLE VOLTAGE

001



NOTES:

1. TO REVERSE ROTATION, INTERCHANGE ANY TWO LINE CONNECTIONS TO L1, L2, OR L3.
2. CONNECTION DIAGRAM-NAMEPLATE DD10213-001

DRAWING REVISION B		REVISION BY PRASHANTH		REV DATE/© DATE 06/22/2022		TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE		DRAWN BY SHESHI		Regal Beloit America, Inc.	
REQUEST NUMBER NMR-0213855		APPROVED BY BHARGAVI		DATE 06/22/2022		.X ±0.1 [±3] ±0.5° .XX ±0.01 [±0.3] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013]		DATE 03/07/2019			
REQUEST NUMBER DESCRIPTION CHANGED NOTES FROM LOW TO SINGLE VOLTAGE						REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 125/3.2 INCH/mm		APPROVED BY BHARGAVI		DESCRIPTION CONN DIAGRAM-EXTERNAL	
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						THIRD ANGLE PROJECTION		SIZE B		DRAWING NUMBER CDTS141	

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 : 056T11F15543

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

Catalog No : FX34FK004

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