

PRODUCT INFORMATION PACKET



Model No: 056T34F15675

Catalog No: 056T34F15675

FLEX-IN-1™ General Purpose Motor, 3 & 3 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V,
3600 & 3000 RPM, 56HC Frame, TEFC



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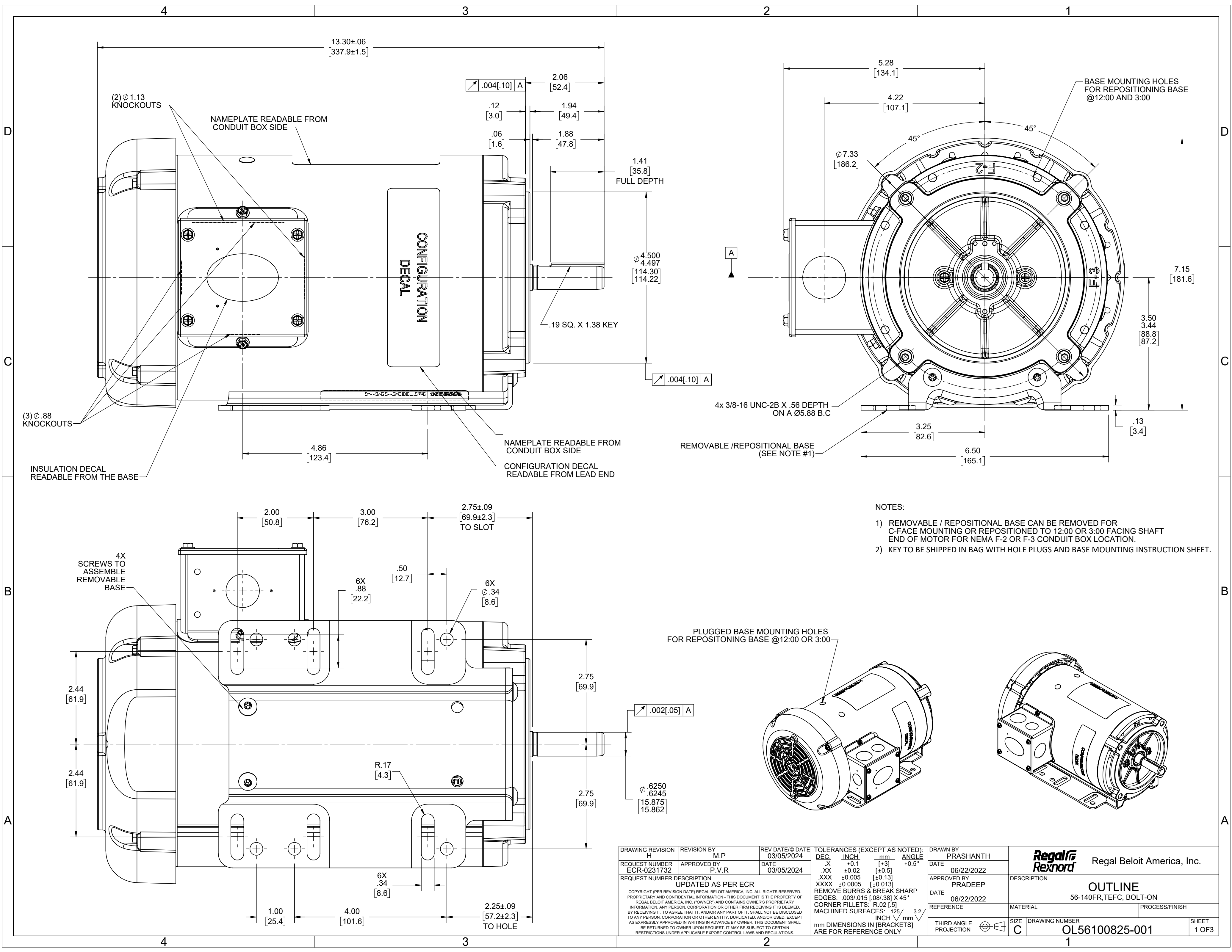
Nameplate Specifications

Phase	3	Output HP	3 & 3 Hp
Output KW	2.2 & 2.2 kW	Voltage	208-230/460 & 190/380 V
Speed	3450 & 2850 rpm	Service Factor	1.15 & 1.00
Frame	56HC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 & 87 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	8.2-7.6/3.8 & 9/4.5 A	Power Factor	84
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		

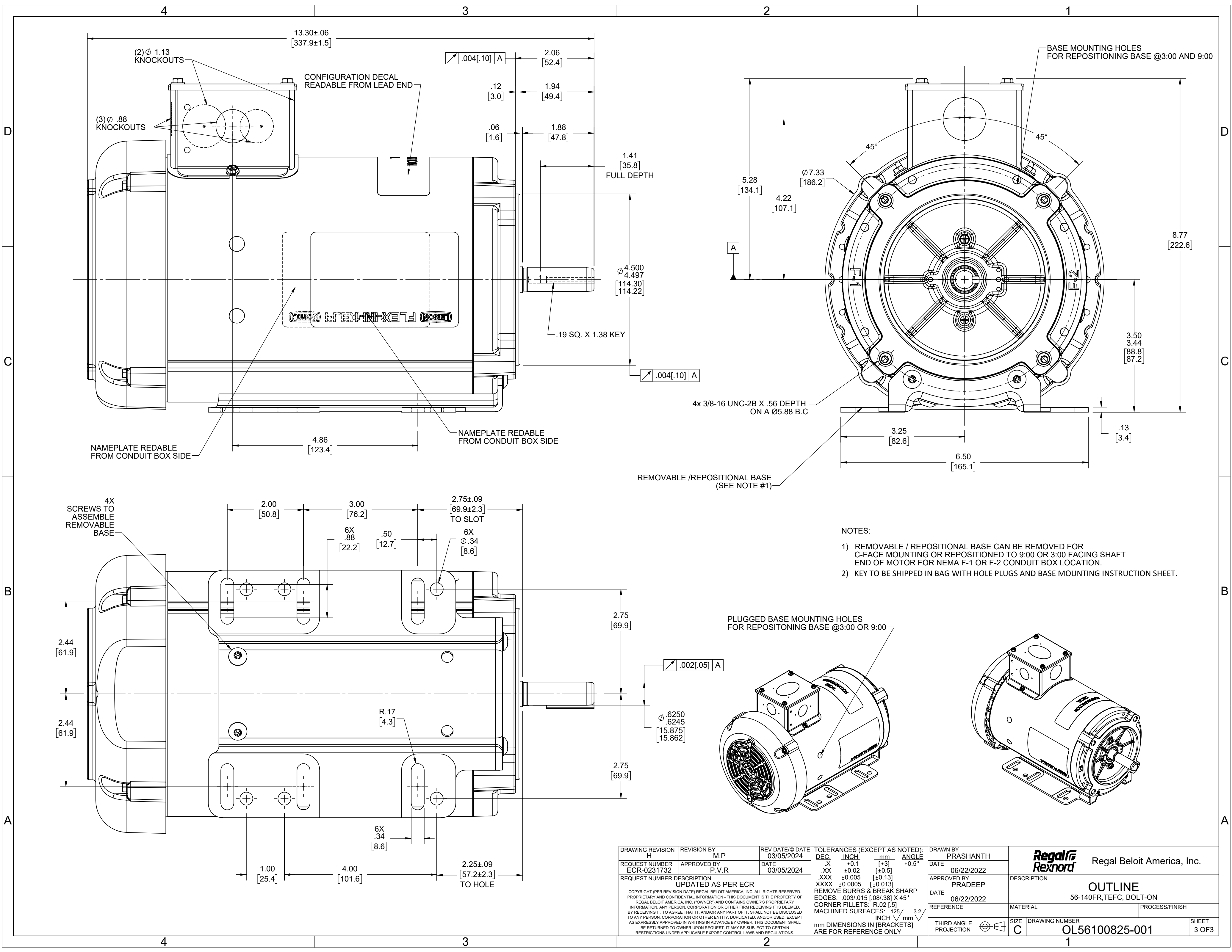
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	4.04 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	OL56100825-001	Connection Drawing	CDTD127

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DRAWING REVISION H	REVISION BY M.P	REV DATE/@ DATE 03/05/2024	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] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: .125/ 3.2 INCH mm mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY PRASHANTH	 Regal Beloit America, Inc.
REQUEST NUMBER ECR-0231732	APPROVED BY P.V.R	DATE 03/05/2024		DATE 06/22/2022	
REQUEST NUMBER DESCRIPTION UPDATED AS PER ECR				APPROVED BY PRADEEP	DESCRIPTION OUTLINE
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				REFERENCE	MATERIAL
				THIRD ANGLE PROJECTION	PROCESS/FINISH
				SIZE C	DRAWING NUMBER OL56100825-001
					SHEET 1 OF 3



DRAWING REVISION H	REVISION BY M.P	REV DATE/© DATE 03/05/2024	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE	DRAWN BY PRASHANTH	 Regal Beloit America, Inc.	
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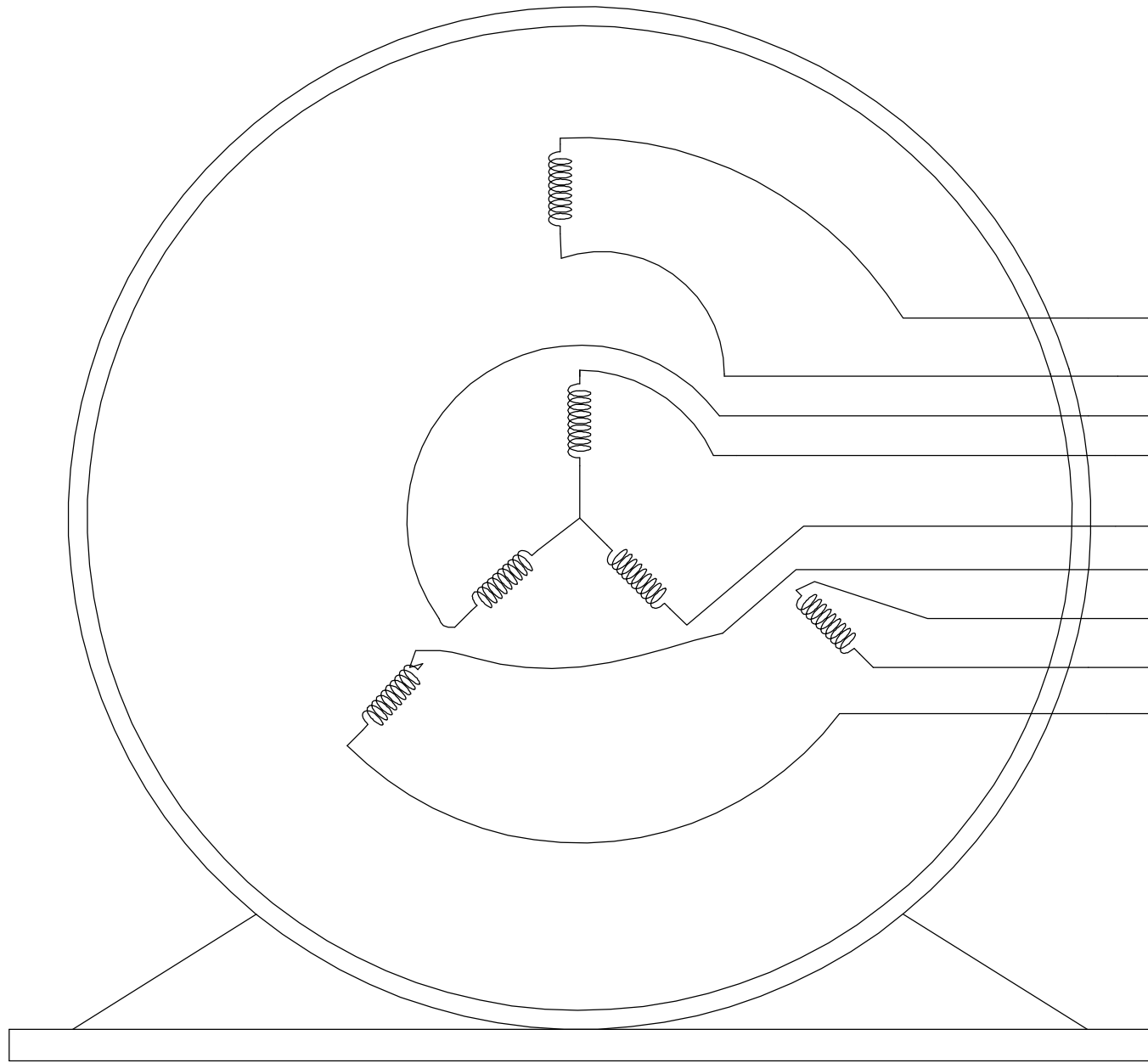
3

2

1

B

B



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

4

3

2

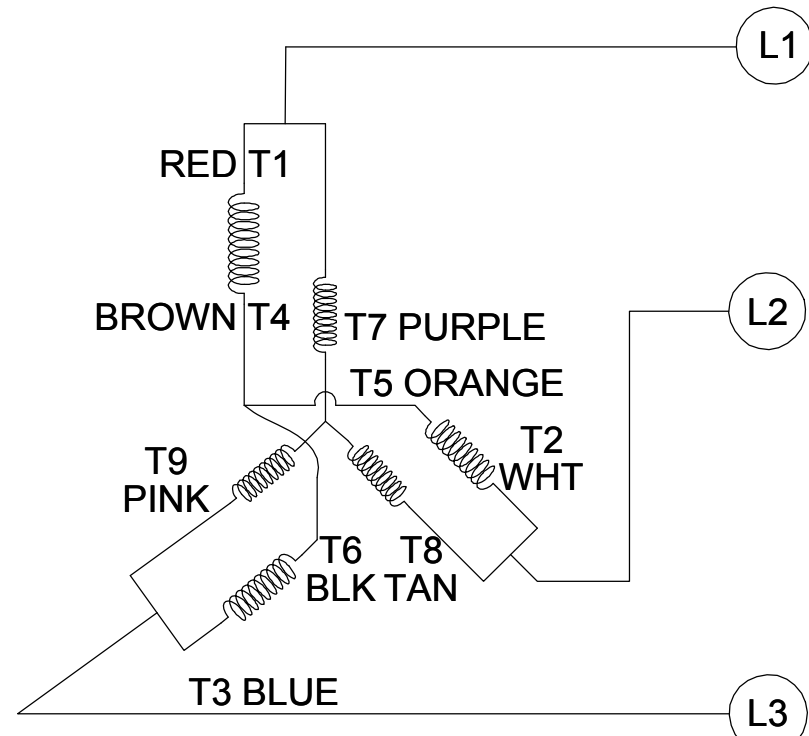
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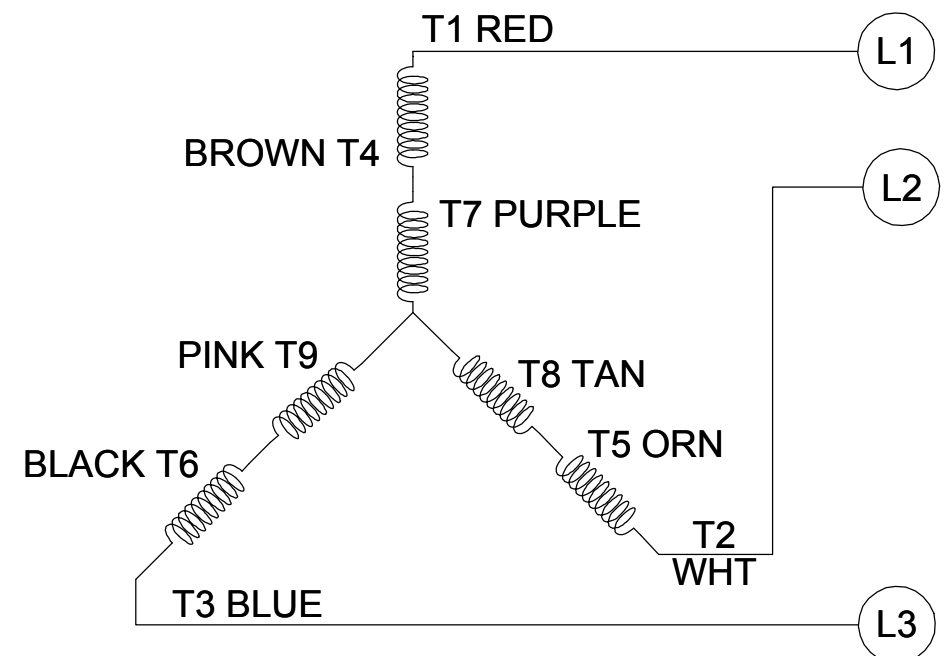
CCW LOW VOLTAGE

001



CCW HIGH VOLTAGE

002



DRAWING REVISION D		REVISION BY SHESHI		DATE 01/11/2019		TOLERANCES UNLESS OTHERWISE SPECIFIED: <table><tr><th>DEC.</th><th>INCH</th><th>mm</th><th>ANGLE</th></tr><tr><td>.X</td><td>±0.1</td><td>[±2.5]</td><td>±0.5°</td></tr><tr><td>.XX</td><td>±0.01</td><td>[±0.25]</td><td></td></tr><tr><td>.XXX</td><td>±0.005</td><td>[±0.127]</td><td></td></tr><tr><td>.XXXX</td><td>±0.0005</td><td>[±0.0127]</td><td></td><td colspan="2">REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] CORNER FILLETS: .02 [0.51] MACHINED SURFACES: 125 INCH 3.2 mm mm SHOWN IN [BRACKETS]</td></tr></table>				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 [0.076/.381] CORNER FILLETS: .02 [0.51] MACHINED SURFACES: 125 INCH 3.2 mm mm SHOWN IN [BRACKETS]	
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ECO ECO-0159881		APPROVED BY CD		DATE 01/11/2019																											
ECO DESCRIPTION ADDED DD10199-001																															
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DRAWN BY G. RODRIGUEZ		Regal Beloit America, Inc.			
DATE 12-01-2017					
APPROVED BY J. A. MORENO					
DATE 12-01-2017					
REFERENCE CDTD103		DESCRIPTION CONN DIAGRAM-EXTERNAL			
THIRD ANGLE PROJECTION		MATERIAL		PROCESS/FINISH	
		SIZE B		DRAWING NUMBER CDTD127	
		SHEET 1 OF 1			

EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
100 East Randolph St.
Wausau, WI 54401

and the authorized representative
established within the Community:

Marathon Electric UK
6F Thistleton Road Ind. Estate
Market Overton
Oakham, Rutland LE15 7PP UK

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 : 056T34F15675

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

Catalog No : FX03BK002

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:



Michael A. Logsdon
Vice President, Technology

Authorized Representative in the Community:



Julian Clark
Marketing Engineer

Created on 03/31/2023

CE 23