

PRODUCT INFORMATION PACKET



Model No: 056T17D99082

Catalog No: 056T17D99082

FLEX-IN-1™ General Purpose Motor, 0.75 & 0.75 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V,
1800 & 1500 RPM, 56HC Frame, DP



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Nameplate Specifications

Phase	3	Output HP	0.75 & 0.75 Hp
Output KW	0.56 & 0.56 kW	Voltage	208-230/460 & 190/380 V
Speed	1725 & 1425 rpm	Service Factor	1.25 & 1.00
Frame	56HC	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	81.1 & 82.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	2.6/1.3 & 2.2/1.1 A	Power Factor	67
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	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	23.2 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
Outline Drawing	OL56100837-001	Connection Drawing	CDTD127

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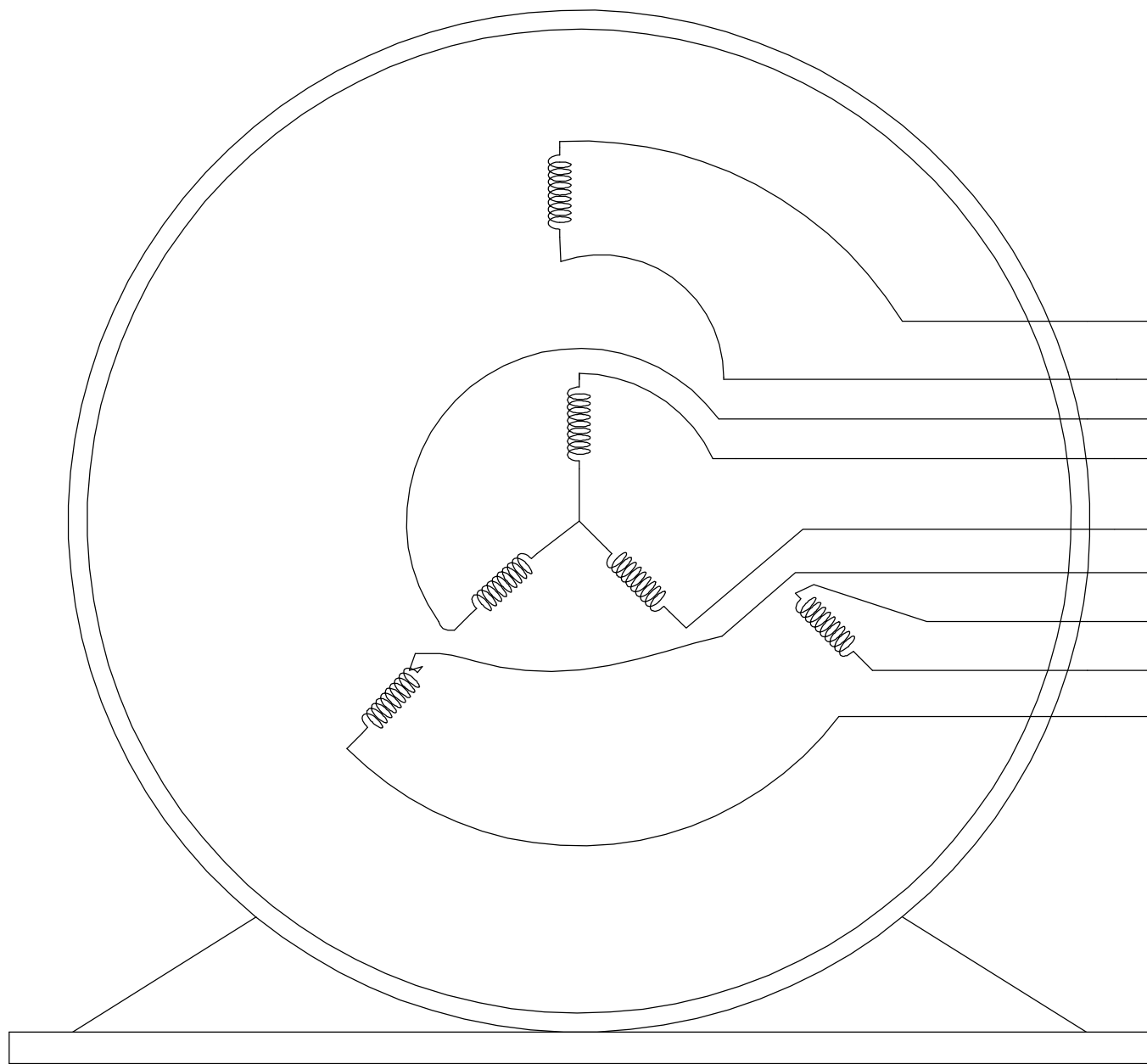
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2

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

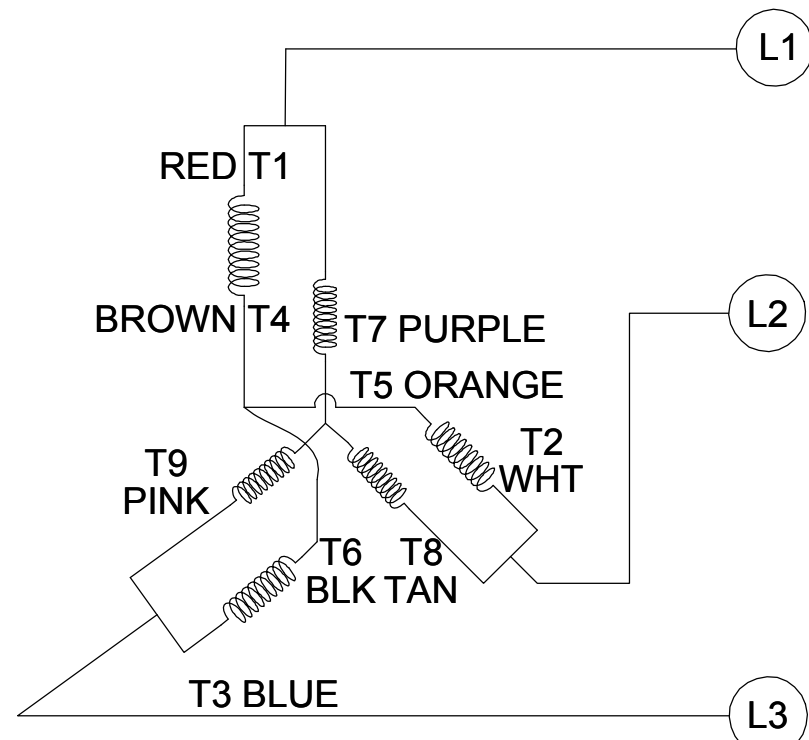
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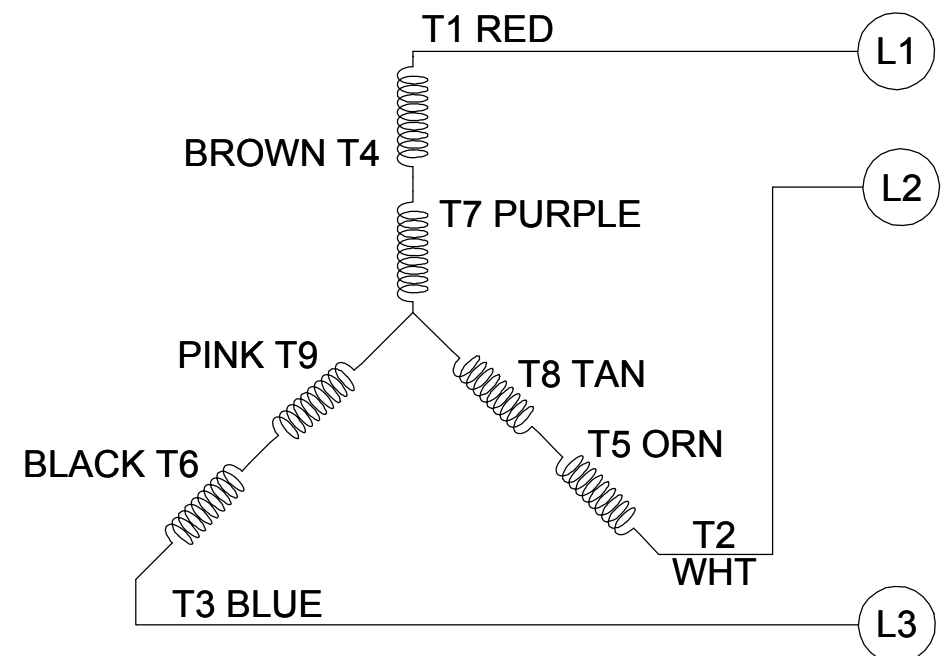
CCW LOW VOLTAGE

001



CCW HIGH VOLTAGE

002



DRAWING REVISION D		REVISION BY SHESHI		DATE 01/11/2019		TOLERANCES UNLESS OTHERWISE SPECIFIED: 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 [0.076/3.81] CORNER FILLETS: .02 [.51] MACHINED SURFACES: 125 INCH mm 3.2 mm SHOWN IN [BRACKETS]				DRAWN BY G. RODRIGUEZ		REGAL™ Regal Beloit America, Inc.			
ECO ECO-0159881		APPROVED BY CD		DATE 01/11/2019						DATE 12-01-2017		APPROVED BY J. A. MORENO			
ECO DESCRIPTION						DESCRIPTION CONN DIAGRAM-EXTERNAL									
ADDED DD10199-001						DATE 12-01-2017		REFERENCE CDTD103		MATERIAL		PROCESS/FINISH			
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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 : 056T17D99082

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

Catalog No : FX34BK003

Rework No : N/A

Directives :

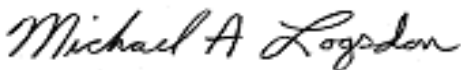
Low Voltage Directive 2014/35/EU

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

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