PRODUCT INFORMATION PACKET

Model No: 056T17DRC70008A1
Catalog No: K251C
General Purpose Motor, 1 & 0.75 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM, 56C Frame, DP

Operational at 208-230/460 V @60HZ

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Nameplate Specifications

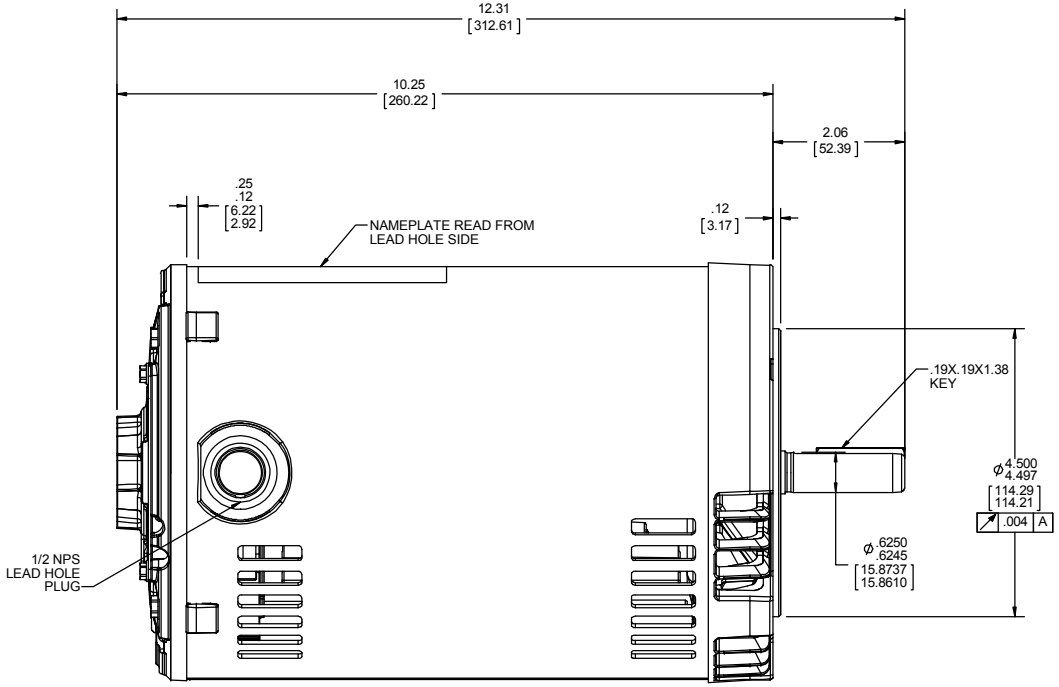
Phase	3	Output HP	1 & 0.75 Hp
Output KW	0.75 & 0.56 kW	Voltage	230/460 & 190/380 V
Speed	1725 & 1425 rpm	Service Factor	1.15 & 1.15
Frame	56C	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	83.5 & 85.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	3.2/1.6 & 2.6/1.3 A	Power Factor	71
Duty	Continuous	Insulation Class	B
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		

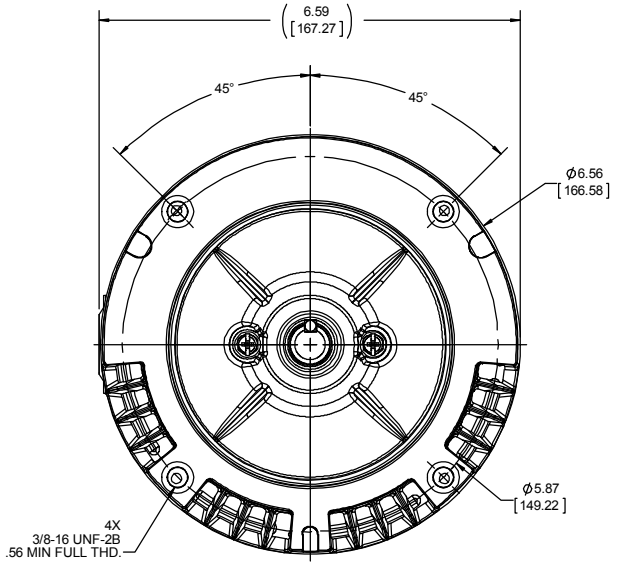
Technical Specifications

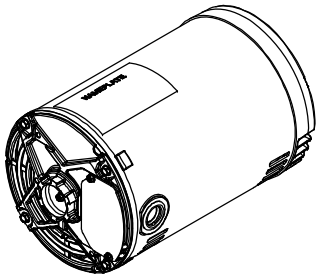
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	12 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Shaft Diameter	0.625 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	OL56100654-001	Connection Drawing	CDTD127

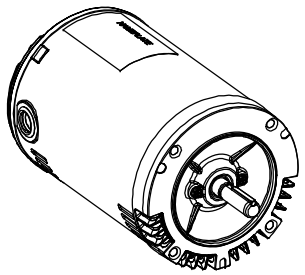
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DRAWING REVISION A	REVISION BY	DATE
ECO ECO-0164428	APPROVED BY	DATE
ECO DESCRIPTION: NEW MODEL RELEASE		

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.02	[±0.51]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 125/ INCH 3.2/ mm
mm SHOWN IN [BRACKETS]

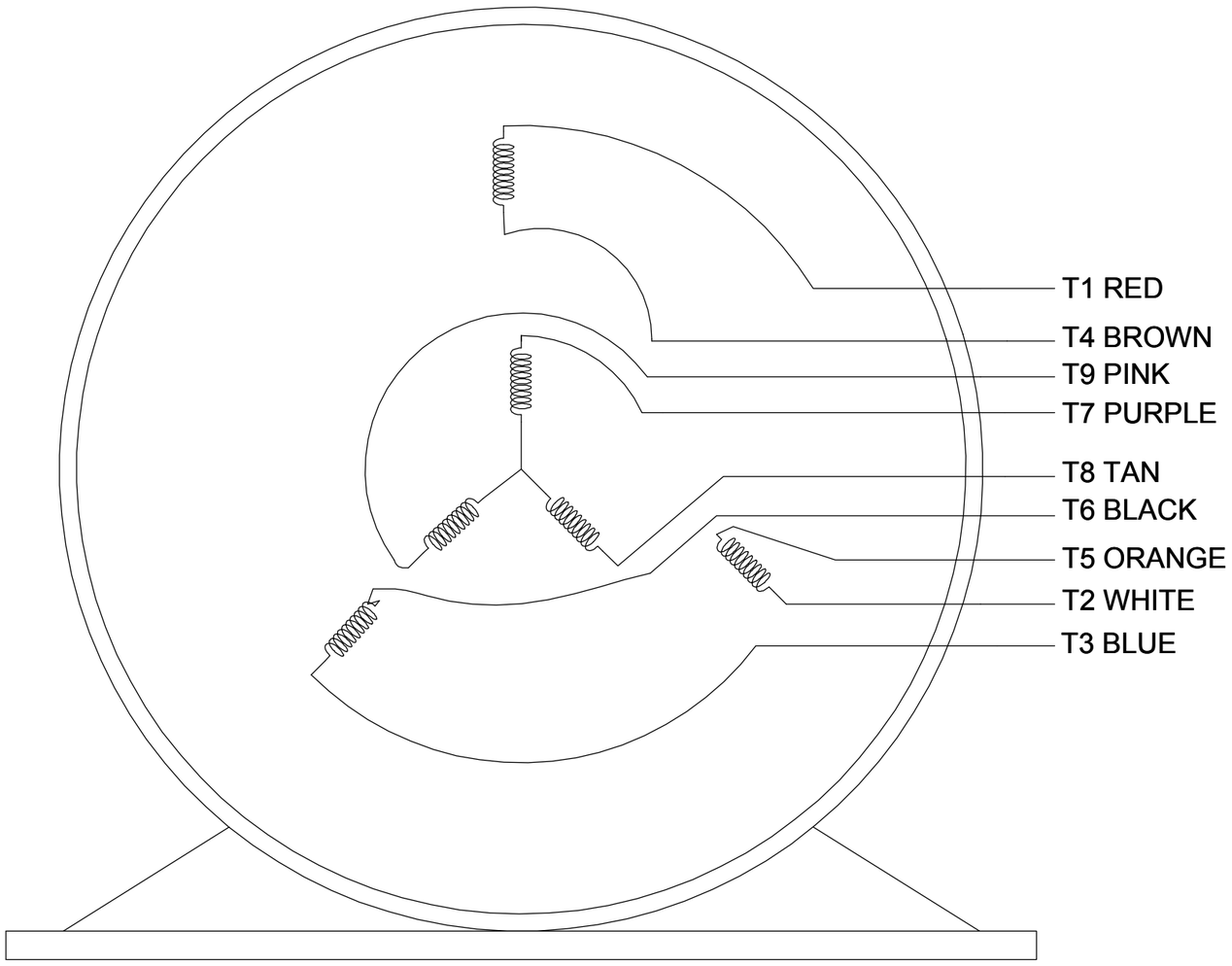
DRAWN BY	KHADHAR
DATE	04/03/2019
APPROVED BY	SN
DATE	04/03/2019
REFERENCE	OL561005552
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.

DESCRIPTION: OUTLINE
56-140FR,DP,ROUND

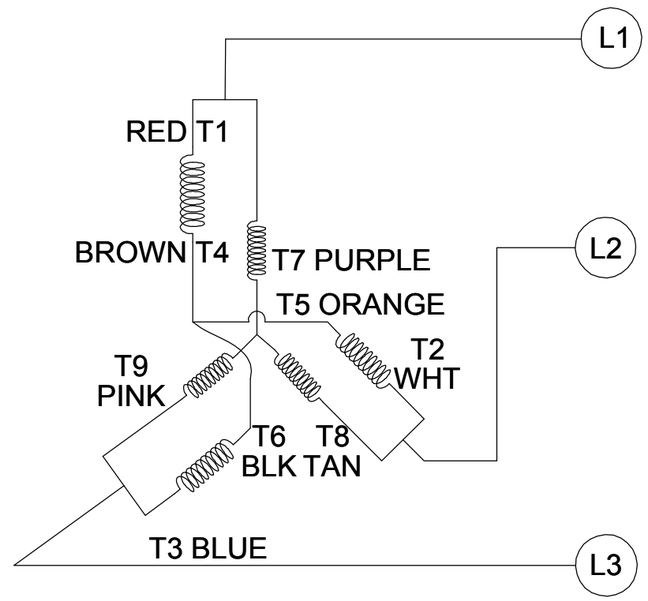
MATERIAL | PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
C	OL56100654-001	1 OF1

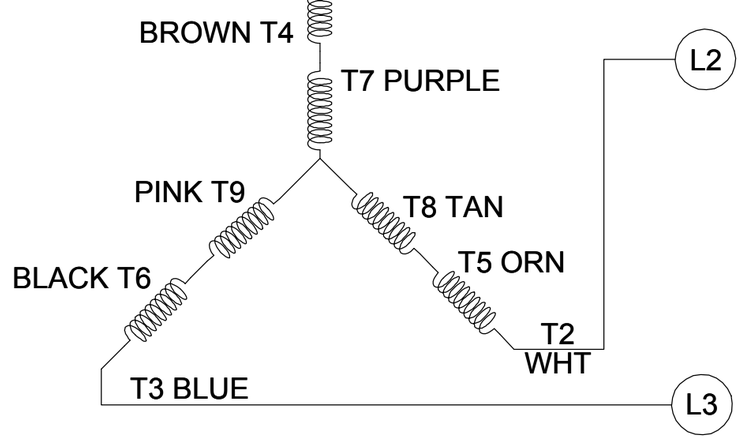


VIEW OF TERMINAL END

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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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

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 : 056T17DRC70008A1

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

Catalog No : K251C

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