# PRODUCT INFORMATION PACKET

Model No: 056T17DRK70007A1
Catalog No: H046LES
General Purpose Motor, 1 & 0.75 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM, 56J Frame, DP

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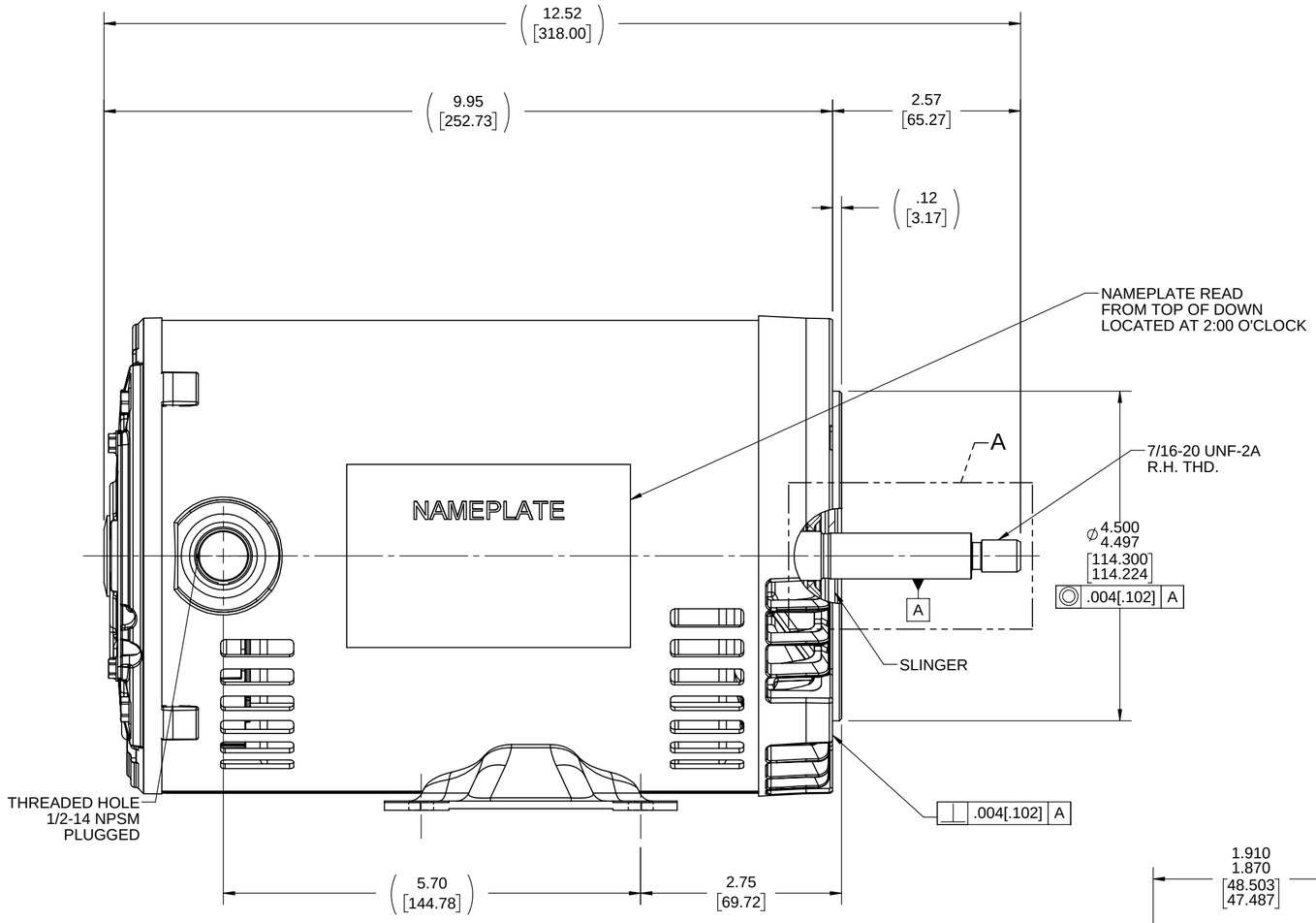
## Nameplate Specifications

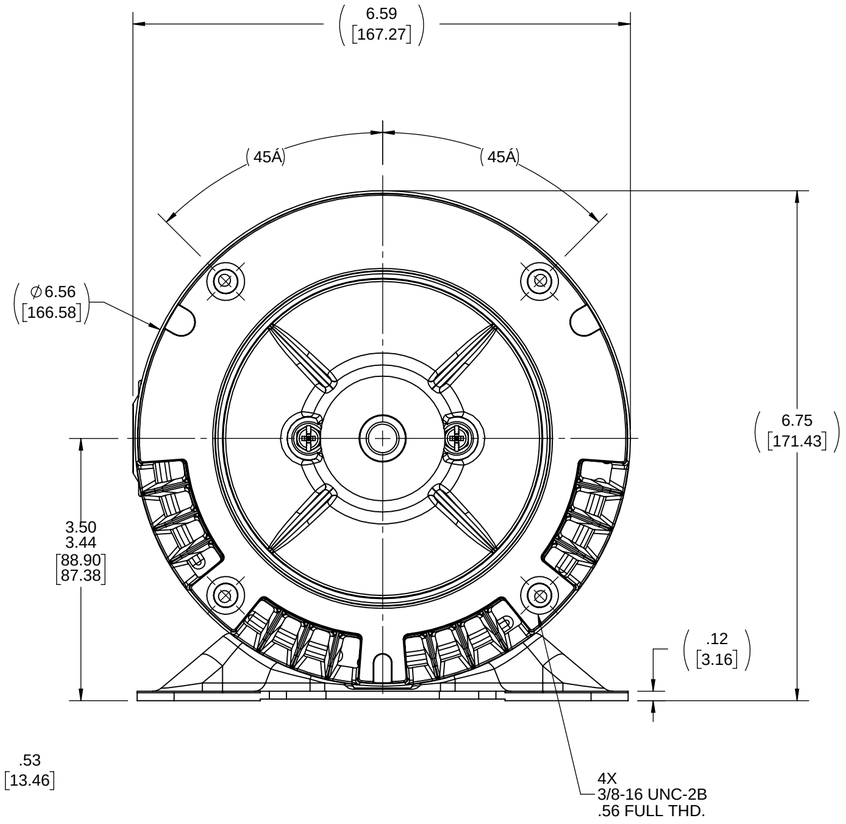
| | | | |
|---|---|---|---|
| Phase | 3 | Output HP | 1 & 0.75 Hp |
| Output KW | 0.75 & 0.56 kW | Voltage | 230/460 & 190/380 V |
| Speed | 1725 & 1425 rpm | Service Factor | 1.25 & 1.25 |
| Frame | 56J | Enclosure | Drip Proof |
| Thermal Protection | No Protection | Efficiency | 83.5 & 85.5 % |
| 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 | | |

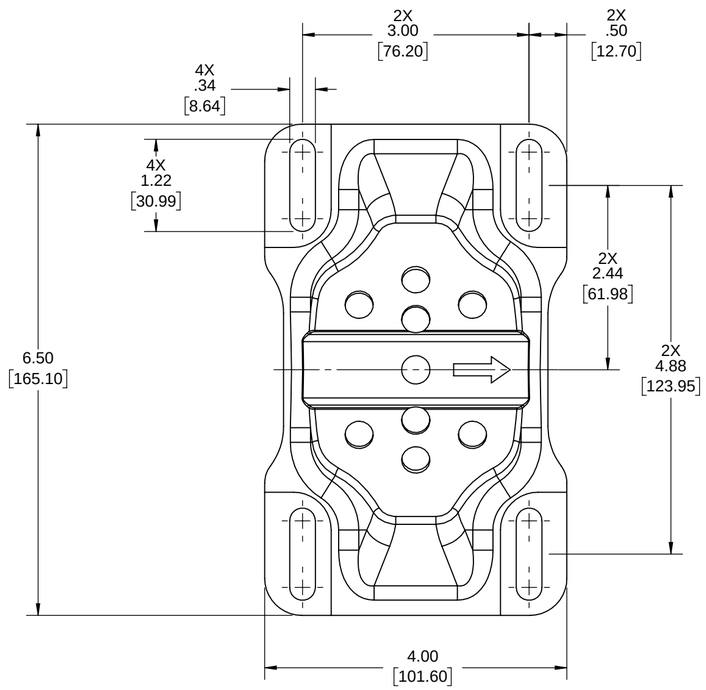
## Technical Specifications

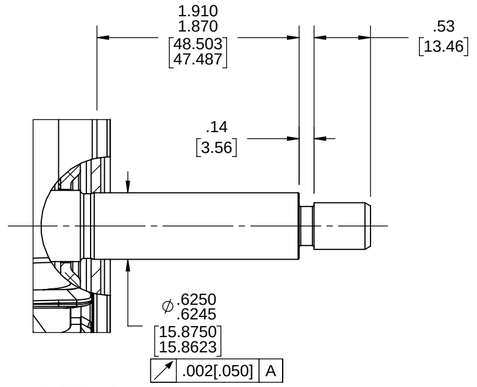
| | | | |
|---|---|---|---|
| Electrical Type | Squirrel Cage Induction Run | Starting Method | Across The Line |
| Poles | 4 | Rotation | Reversible |
| Resistance Main | 12 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | J | Assembly/Box Mounting | F1 ONLY |
| Connection Drawing | CDTD127 | Outline Drawing | OL56100778-001 |

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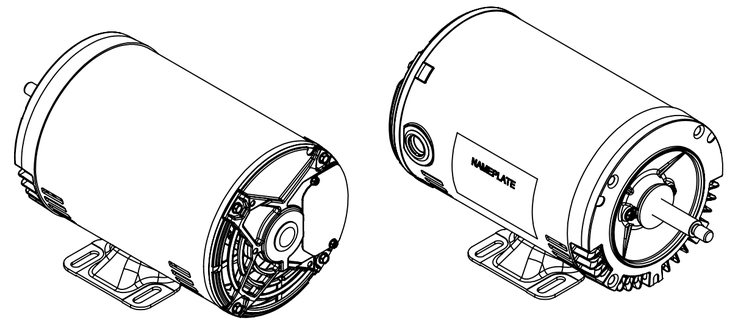



DETAIL A




| | | |
|---|---|---|
| DRAWING REVISION: A | REVISION BY | DATE |
| ECO: NMR-0206416 | APPROVED BY | DATE |
| ECO DESCRIPTION: NEW DRAWING | | |

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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]

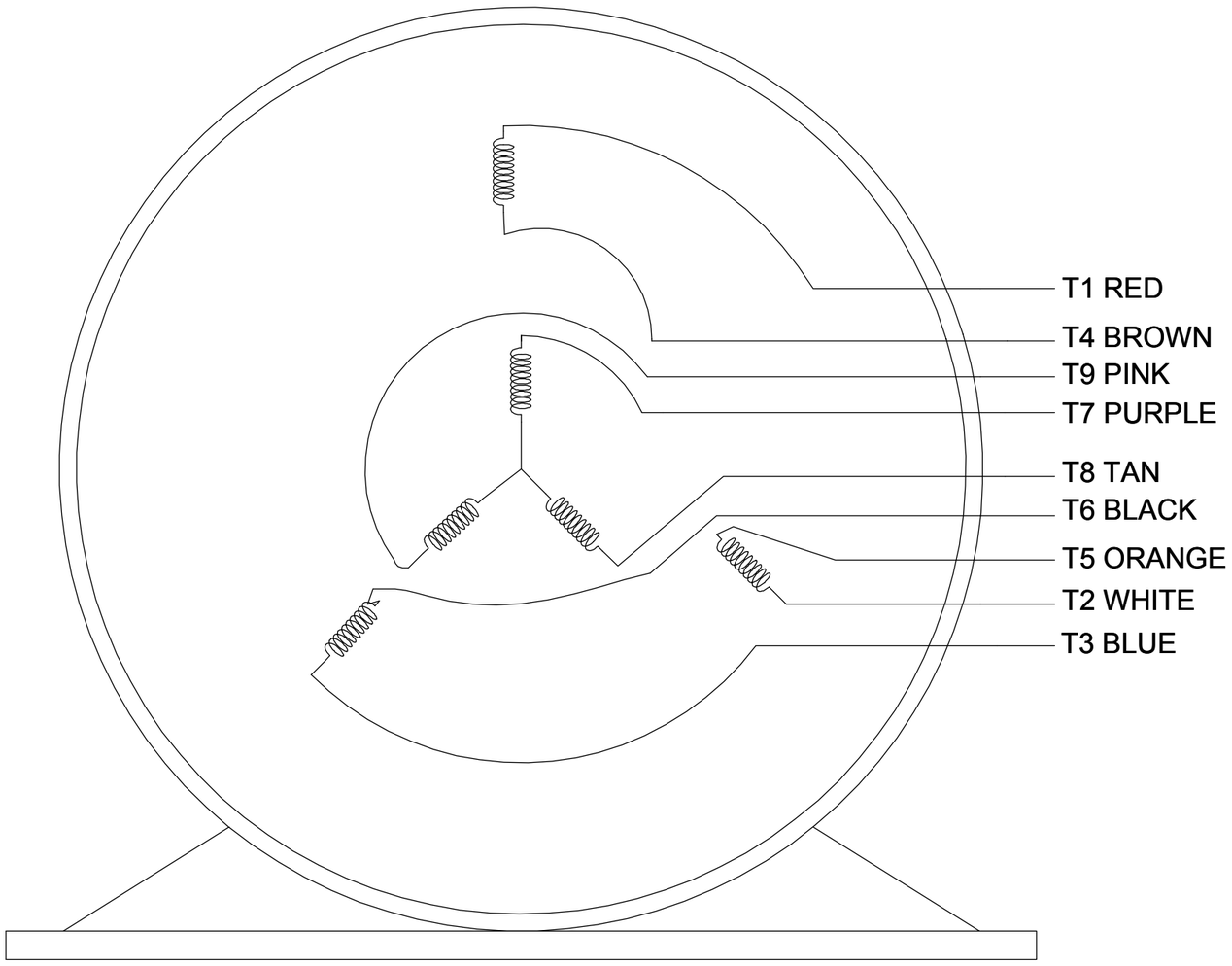
| | |
|---|---|
| DRAWN BY | SHESHI |
| DATE | 01/13/2021 |
| APPROVED BY | AS |
| DATE | 01/13/2021 |
| REFERENCE | OL56100482 |
| THIRD ANGLE PROJECTION | |

REGAL™ Regal Beloit America, Inc.

DESCRIPTION: OUTLINE
56FR,C-FACE,DP,RIGID,1-PHASE

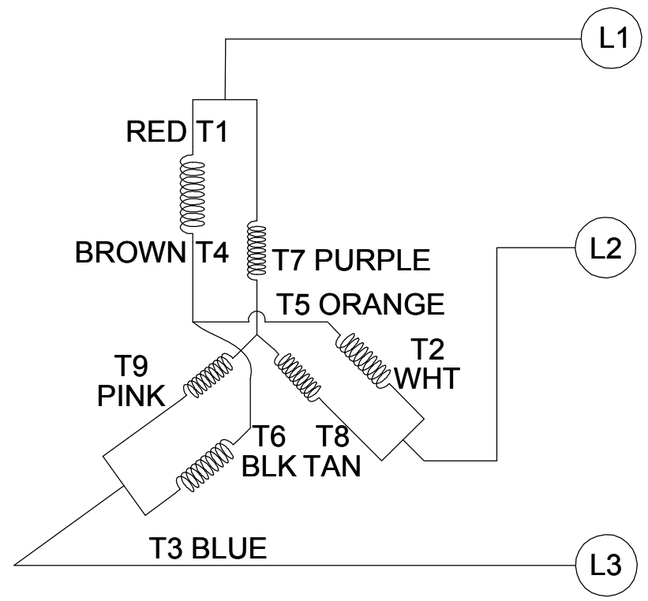
MATERIAL | PROCESS/FINISH

SIZE: C | DRAWING NUMBER: OL56100778-001 | SHEET: 1 OF1

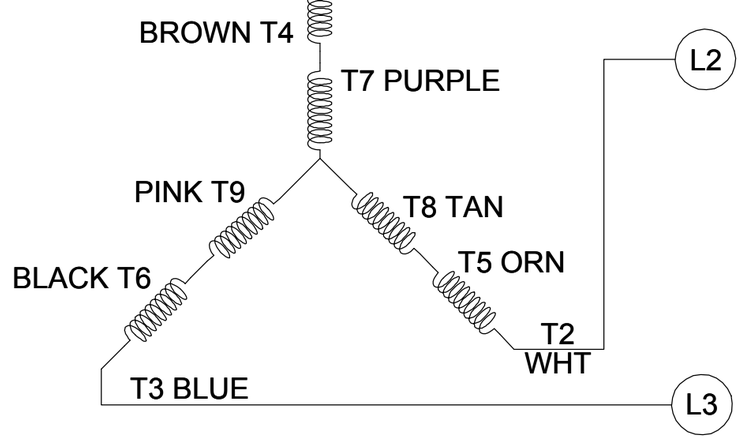



VIEW OF TERMINAL END

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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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

# 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 : 056T17DRK70007A1

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

Catalog No : H046LES

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