

PRODUCT INFORMATION PACKET



Model No: C254T34FK16AA

Catalog No: B199059.00

..15HP..3600.254TC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15 S.F..RIGID C FACE.....

Totally Enclosed Fan Cooled (TEFC)



Regal and Leeson are trademarks of Regal Beloit Corporation or one of its affiliated companies.

©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E





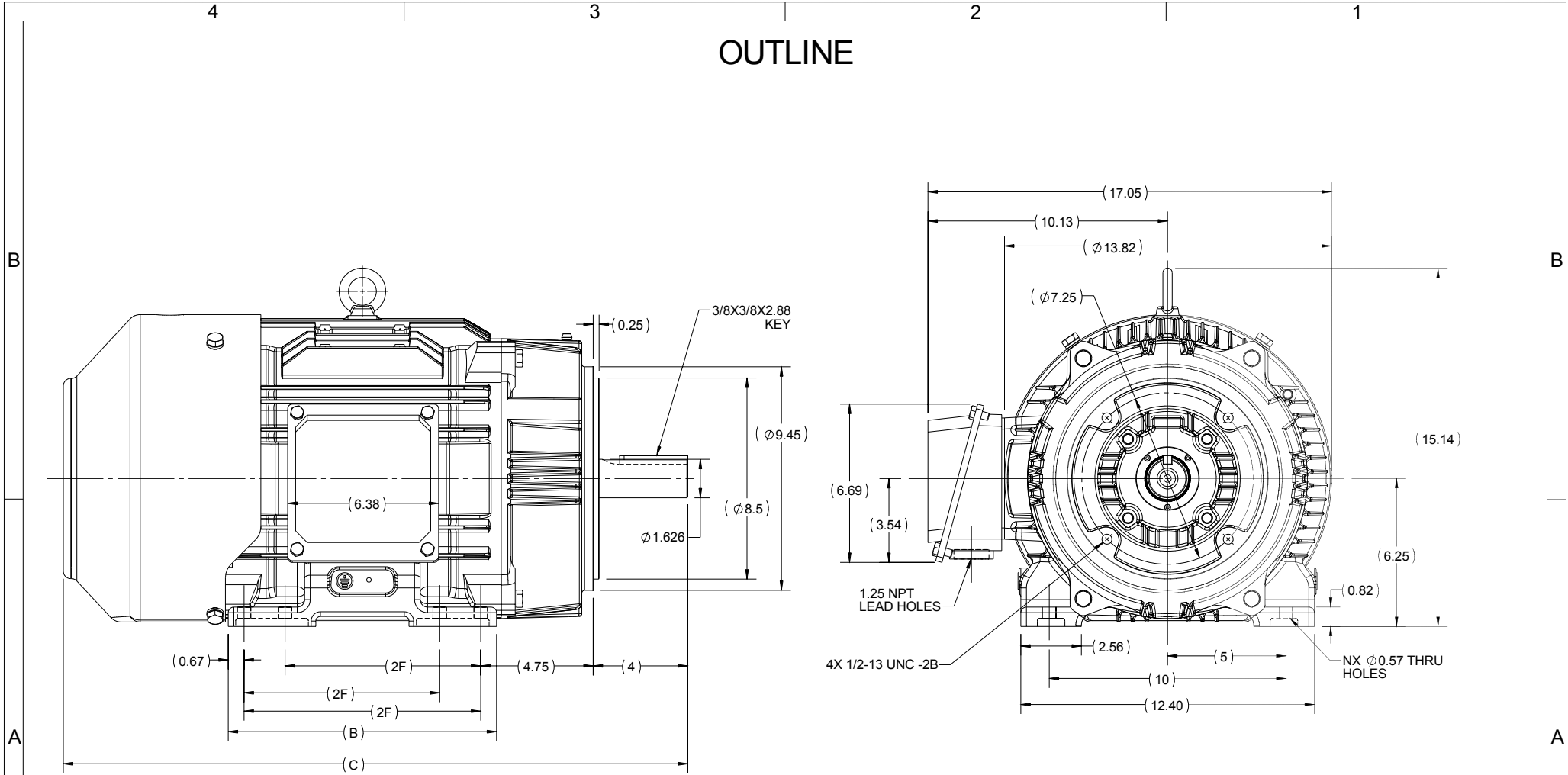
Nameplate Specifications

| | | | |
|----------------------------|------------------------------------|------------------------|-------------------|
| Output HP | 15 Hp | Output KW | 11.2 kW |
| Frequency | 60 Hz | Voltage | 230/460 V |
| Current | 35.5/17.8 A | Speed | 3545 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Efficiency | 91 % | Duty | Continuous |
| Insulation Class | F | Design Code | B |
| KVA Code | G | Frame | 254TC |
| Enclosure | Totally Enclosed Fan Cooled | Overload Protector | No |
| Ambient Temperature | 40 °C | Drive End Bearing Size | 6309 |
| Opp Drive End Bearing Size | 6209 | UL | Listed |
| CSA | Y | CE | Y |
| IP Code | 55 | | |

Technical Specifications

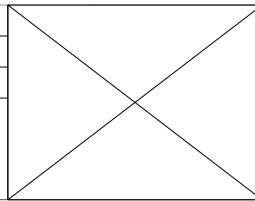
| | | | |
|-----------------------|-------------------------------------|-----------------------|-------------------------|
| Electrical Type | Squirrel Cage Inverter Rated | Starting Method | Line Or Inverter |
| Poles | 2 | Rotation | Reversible |
| Mounting | Rigid base | Motor Orientation | HORIZONTAL |
| Drive End Bearing | BALL | Opp Drive End Bearing | BALL |
| Frame Material | Cast Iron | Shaft Type | T |
| Overall Length | 24.65 in | Frame Length | 10.00 in |
| Shaft Diameter | 1.625 in | Shaft Extension | 4 in |
| Assembly/Box Mounting | F1/F2 CAPABLE | | |
| Outline Drawing | SS620700-254TC | Connection Diagram | EE7308K |

OUTLINE



| | | | | |
|-------|-------|-------|------|---|
| 256TC | 11.34 | 26.39 | 10 | 8 |
| 254TC | 9.60 | 24.65 | 8.25 | 4 |
| FRAME | B | C | 2F | N |

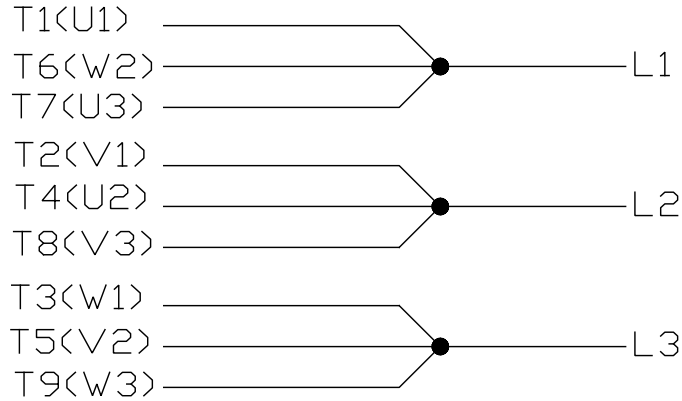
| | | |
|---|---------------------|--------------------|
| DRAWING REVISION A | REVISION BY UDAY | DATE 08/09/2015 |
| ECO ECO-0084584 | APPROVED BY SBD | DATE 08/09/2015 |
| ECO DESCRIPTION NEW DRAWING RELEASE | | |
| <small>COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL 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> | | |



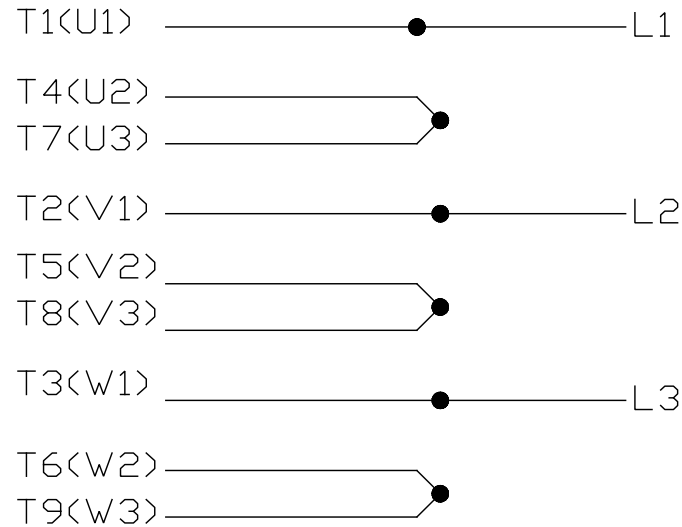
| |
|---------------------------|
| DRAWN BY SMAR |
| DATE 06/07/2015 |
| APPROVED BY SBD |
| DATE 06/07/2015 |
| REFERENCE |
| THIRD ANGLE PROJECTION |

| | |
|---|----------------------------|
| REGAL-BELOIT CORPORATION | |
| DESCRIPTION <h2>OUTLINE</h2> 254/256TC FR-TEFC-CAST IRON | |
| MATERIAL | PROCESS/FINISH |
| SIZE B | DRAWING NUMBER SS620700 |
| | SHEET 1 OF 1 |

LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

| | | | | TOLERANCES UNLESS SPECIFIED | |  REGAL - BELOIT CORPORATION | DRAWN PGK 06-04-1997 | | | |
|--|--------------------------------|-------------|-----|-----------------------------|------------------|--|----------------------|--------------------------|---------------------|------|
| NO. | REVISION | BY & DATE | CHK | ANG | ± | | UNIT | CHK | ML 06-05-1997 | |
| E | CORRECTED IEC MARKINGS | ECO-0111208 | WGJ | 01-23-2017 | EMH | DEC. | INCHES | APPD | GK 06-15-1997 | |
| D | RE-DRAWN WITH REGAL LOGO | ECO-0110493 | WGJ | 09-30-2016 | EMH | .X | ±.1 | | | |
| 8 | ADDED IEC DESIGNATIONS | MU95020 | TJW | 4/30/2010 | MJS | .XX | ±.02 | TITLE CONNECTION DIAGRAM | | |
| 7 | REVISED HIGH VOLTAGE L2 WAS L3 | CN52600-354 | MRB | 09-21-1998 | | .XXX | ±.005 | SCALE | | |
| 6 | REDRAWN ON CADD | | PGK | 06-05-1997 | | .XXXX | ±.0005 | REF | | |
| | | | | | | | | FINISH | | |
| | | | | | | | | PREV | | |
| THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT | | | | RFP | CAD FILE EE7308K | | | SIZE | DRAWING NO. PAGE OF | REV. |
| | | | | DIST | | | | A | EE7308K | E |

