## PRODUCT INFORMATION PACKET



Model No: M6C34FC11K Catalog No: 110418.00

..1 1/2HP..3450RPM.56.TEFC.115/208-230V.1PH.60HZ.CONT.40C.1SF.C FACE.M6C34FC11K.....GENERAL PURPOSE.MANUAL......

Totally Enclosed Fan Cooled (TEFC)



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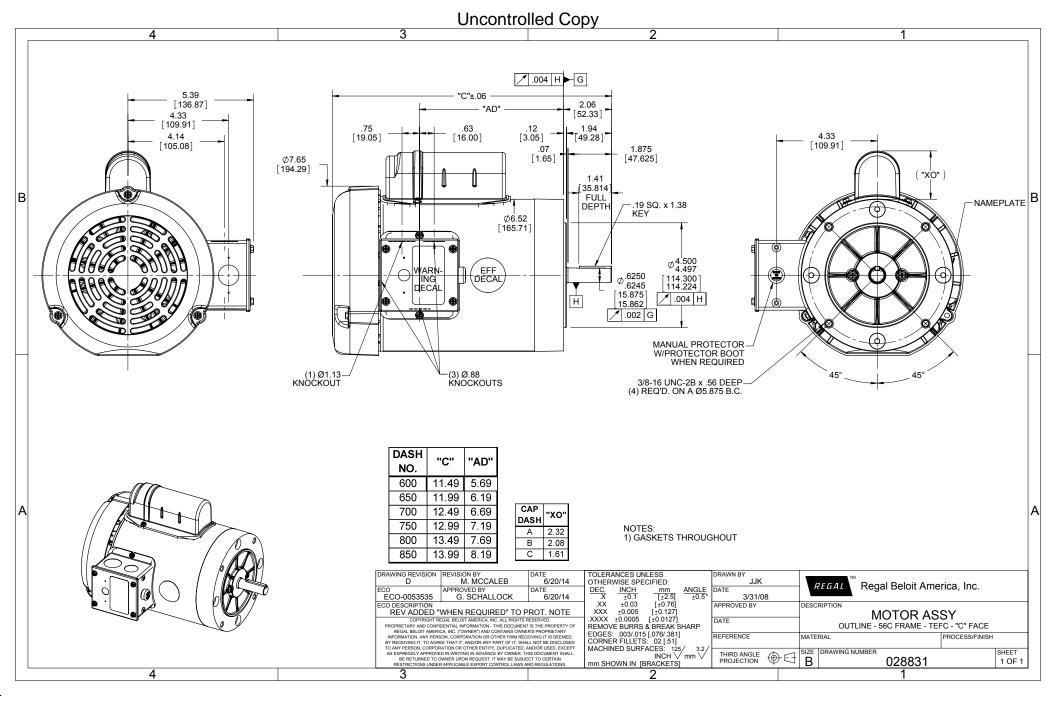
## **Nameplate Specifications**

| Output HP                  | 1.50 Hp                     | Output KW              | 1.1 kW        |
|----------------------------|-----------------------------|------------------------|---------------|
| Frequency                  | 60 Hz                       | Voltage                | 115/208-230 V |
| Current                    | 17.0/8.5 A                  | Speed                  | 3450 rpm      |
| Service Factor             | 1                           | Phase                  | 1             |
| Efficiency                 | 72 %                        | Duty                   | Continuous    |
| Insulation Class           | В                           | Design Code            | L             |
| KVA Code                   | н                           | Frame                  | 56C           |
| Enclosure                  | Totally Enclosed Fan Cooled | Overload Protector     | Manual        |
| Ambient Temperature        | 40 °C                       | Drive End Bearing Size | 6203          |
| Opp Drive End Bearing Size | 6203                        | UL                     | Recognized    |
| CSA                        | Υ                           | CE                     | N             |
| IP Code                    | 43                          |                        |               |

## **Technical Specifications**

| Electrical Type       | Capacitor Start Induction Run | Starting Method       | Across The Line            |
|-----------------------|-------------------------------|-----------------------|----------------------------|
| Poles                 | 2                             | Rotation              | Selective Counterclockwise |
| Mounting              | Round                         | Motor Orientation     | HORIZONTAL                 |
| Drive End Bearing     | BALL                          | Opp Drive End Bearing | BALL                       |
| Frame Material        | Rolled Steel                  | Shaft Type            | NEMA 56                    |
| Overall Length        | 12.49 in                      | Frame Length          | 7.00 in                    |
| Shaft Diameter        | 0.625 in                      | Shaft Extension       | 2.06 in                    |
| Assembly/Box Mounting | F1 ONLY                       |                       |                            |
| Outline Drawing       | 028831-700B                   | Connection Diagram    | 005003.03                  |
|                       |                               |                       |                            |

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## LINE LEADS VIEW FROM OUTSIDE OF MOTOR AT SWITCH END **T3 T6 T5 T5** P1 -T8 **T1 T1** P2 **T2 T3** T5 T6 **T8** -T5 **ROTATION INSULATE** FACING L1 L2 **JOIN SEPARATELY LEAD END T4** T2,T3 C.C.W. P1 P2 T5 T8 HIGH **VOLT** T4 T2,T3 C.W. P1 P2 RBC PROPRIETARY AND CONFIDENTIAL INFORMATION **T8** T5 This document is the property of REGAL BELOIT CORPORATION ("RBC") including its subsidiaries and divisions and contains proprietary information of RBC. This document P2,T3 T2,T4 C.C.W. P1 is loaned on the express condition that neither it nor the information contained therein shall T5 T8 LOW be disclosed to others without the express written consent of RBC, and that the information shall be used by the recipient only as approved expressly by RBC. This document shall be **VOLT** T2,T4 P2,T3 returned to RBC upon its request. This document may be subject to certain restrictions C.W. P1 under U.S. export control laws and regulations T8 T5 TOLERANCES NLESS SPECIFIED **ELECTRIC MOTORS** DRAWN WLW 08/20/79 **GEARMOTORS INCHES** СНК ADN 08/27/76 AND DRIVES APPR WRK 08/27/76 ±.01 TITLE EXTERNAL WIRING DIAGRAM SCALE 1:1 XX REDRAWN IN SOLIDWORKS VJB 7/22/2011 XXX. ±.005 TYPE "C" W/PROTECTOR REF FMF 05 **REDRAWN ON CAD** DBT 05/27/97 xxxx ±.0005 MAT'L DECAL - 004011 NO REVISION BY & DATE CHK ANG ±1/2° FINISH PAGE OF

THIRD ANGLE PROJECTION

RFP

PREV

NETWORK FILE NAME 00500303

SIZE

DRAWING NO

005003-03

REV

06