

# PRODUCT INFORMATION PACKET



Model No: P6C34FB23H  
Catalog No: 110402.00  
2HP..3450RPM.56H.TEFC.115/208-  
230V.1PH.60HZ.CONT.MANUAL.40C.1.0SF.RIGID.WOODWORKING.P6C34FB23H  
Totally Enclosed Fan Cooled (TEFC)



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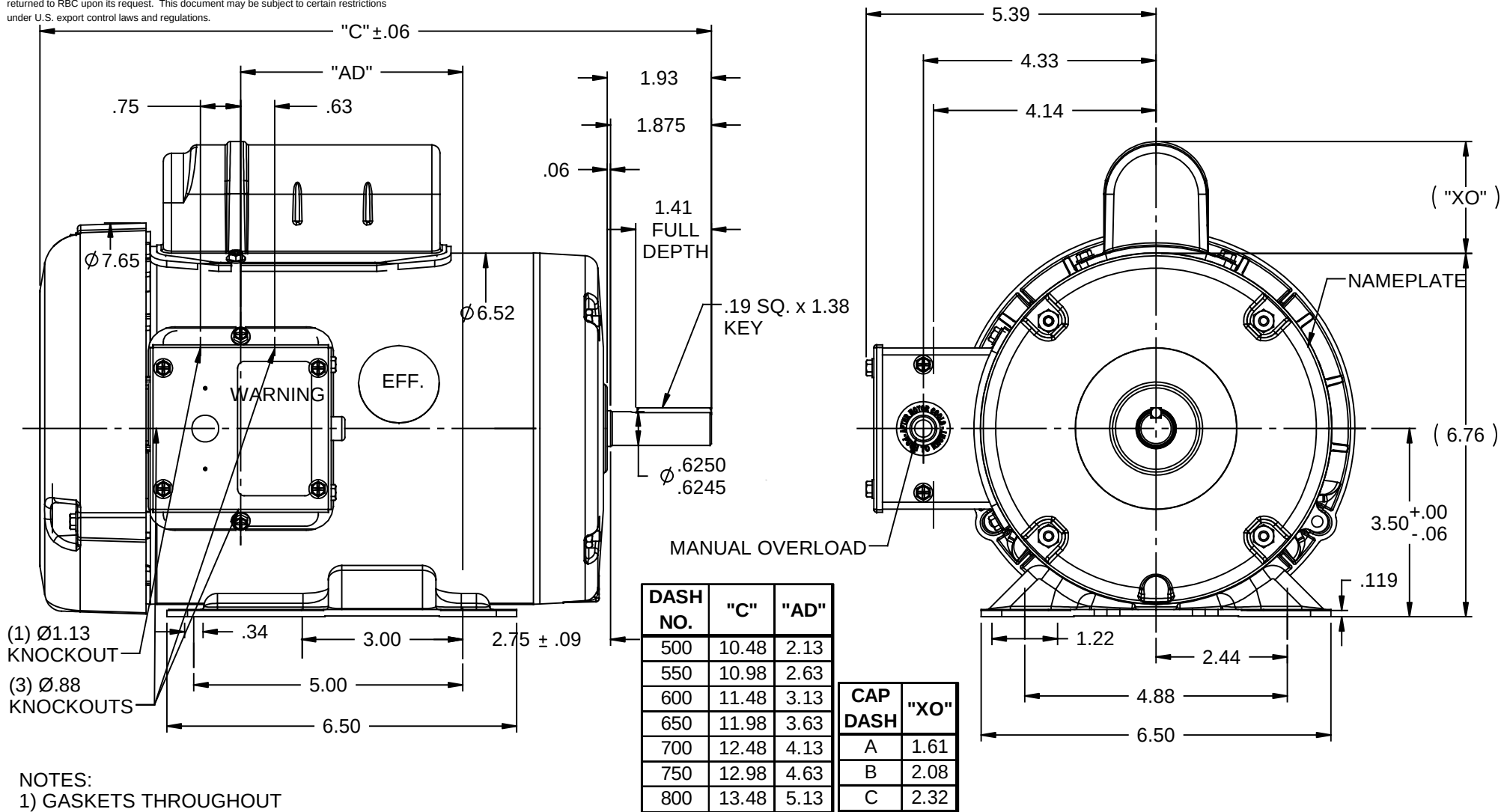
## Nameplate Specifications

|                            |                             |                        |                             |
|----------------------------|-----------------------------|------------------------|-----------------------------|
| Output HP                  | 2 Hp                        | Output KW              | 1.5 kW                      |
| Frequency                  | 60 Hz                       | Voltage                | 115/208-230 V               |
| Current                    | 20.0/11.4-10.0 A            | Speed                  | 3450 rpm                    |
| Service Factor             | 1                           | Phase                  | 1                           |
| Efficiency                 | 73 %                        | Duty                   | Continuous                  |
| Insulation Class           | F                           | Design Code            | L                           |
| KVA Code                   | J                           | Frame                  | 56H                         |
| 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 ( Not Protector) |
| CSA                        | Y                           | CE                     | N                           |
| IP Code                    | 54                          |                        |                             |

## Technical Specifications

|                       |                               |                       |                            |
|-----------------------|-------------------------------|-----------------------|----------------------------|
| Electrical Type       | Capacitor Start Induction Run | Starting Method       | Across The Line            |
| Poles                 | 2                             | Rotation              | Selective Counterclockwise |
| Mounting              | Rigid base                    | Motor Orientation     | HORIZONTAL                 |
| Drive End Bearing     | BALL                          | Opp Drive End Bearing | BALL                       |
| Frame Material        | Rolled Steel                  | Shaft Type            | NEMA 56                    |
| Overall Length        | 13.48 in                      | Frame Length          | 8.00 in                    |
| Shaft Diameter        | 0.625 in                      | Shaft Extension       | 1.88 in                    |
| Assembly/Box Mounting | F1 ONLY                       |                       |                            |
| Outline Drawing       | 028799-800B                   | Connection Diagram    | 005067.02                  |

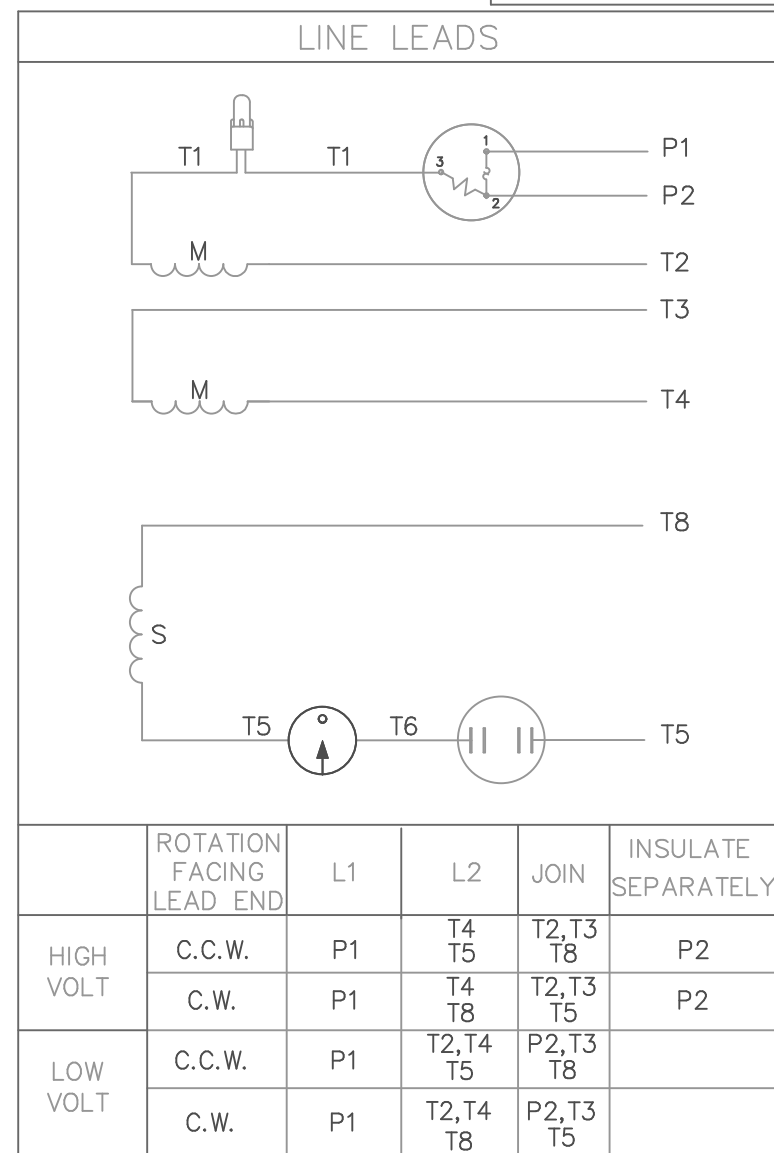
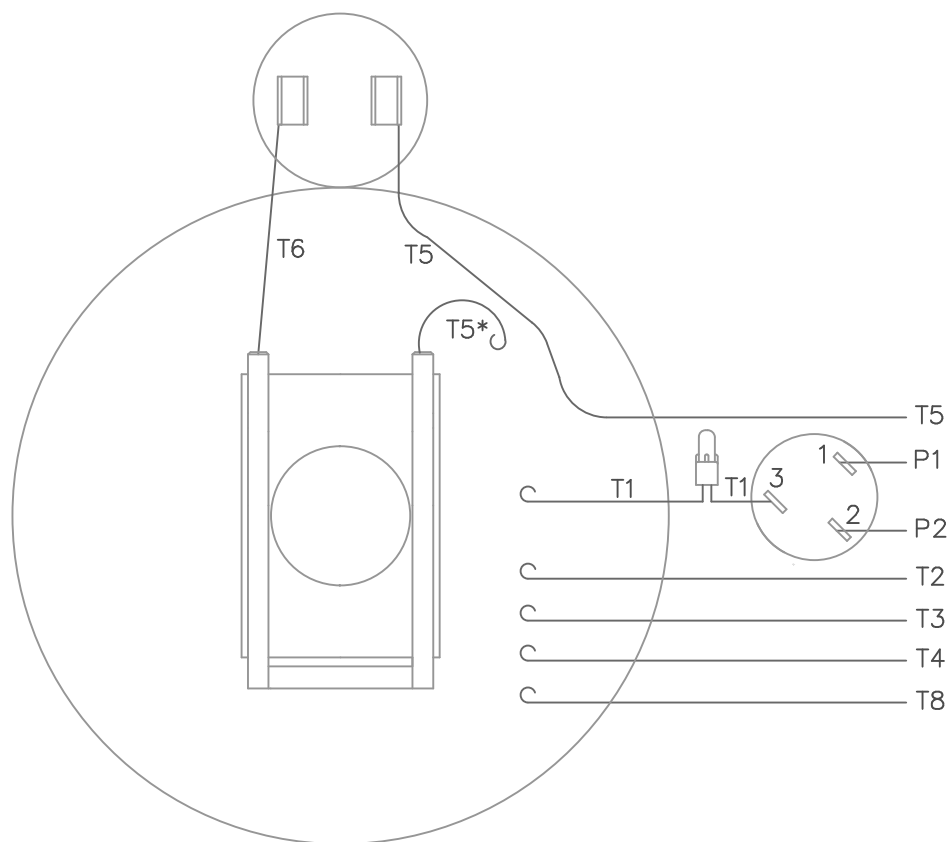
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|    |          |           |     |                                |        |                                                                                                                                            |                    |  |
|----|----------|-----------|-----|--------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--|
|    |          |           |     | TOLERANCES<br>UNLESS SPECIFIED |        |  <b>ELECTRIC MOTORS<br/>GEARMOTORS<br/>AND DRIVES</b> | DRAWN KMM 09/25/07 |  |
|    |          |           |     | DEC                            | INCHES |                                                                                                                                            | CHK                |  |
|    |          |           |     | .X                             | ±.1    |                                                                                                                                            | APPR               |  |
|    |          |           |     | .XX                            | ±.03   |                                                                                                                                            | SCALE 3:8          |  |
|    |          |           |     | .XXX                           | ±.005  |                                                                                                                                            | REF 028657         |  |
|    |          |           |     | .XXXX                          | ±.0005 | MAT'L                                                                                                                                      | FMF 110402.00      |  |
| NO | REVISION | BY & DATE | CHK | ANG                            | ±1/2°  |                                                                                                                                            | PAGE OF            |  |
|    |          |           |     | RFP                            | PREV   | SIZE                                                                                                                                       | DRAWING NO         |  |
|    |          |           |     | NETWORK FILE NAME              |        | A                                                                                                                                          | 028799             |  |
|    |          |           |     |                                |        |                                                                                                                                            | REV                |  |

THIRD ANGLE  
PROJECTION

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



|              | ROTATION<br>FACING<br>LEAD END | L1 | L2          | JOIN        | INSULATE<br>SEPARATELY |
|--------------|--------------------------------|----|-------------|-------------|------------------------|
| HIGH<br>VOLT | C.C.W.                         | P1 | T4<br>T5    | T2,T3<br>T8 | P2                     |
|              | C.W.                           | P1 | T4<br>T8    | T2,T3<br>T5 | P2                     |
| LOW<br>VOLT  | C.C.W.                         | P1 | T2,T4<br>T5 | P2,T3<br>T8 |                        |
|              | C.W.                           | P1 | T2,T4<br>T8 | P2,T3<br>T5 |                        |

\* THIS LEAD MAY BE WHITE

|                                                                                                                                                                                                                                        |                                   |              |          |                                |                   |                                                                                       |                                             |             |                    |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------|----------|--------------------------------|-------------------|---------------------------------------------------------------------------------------|---------------------------------------------|-------------|--------------------|------|
|                                                                                                                                                                                                                                        |                                   |              |          | TOLERANCES<br>UNLESS SPECIFIED |                   |  | ELECTRIC MOTORS<br>GEARMOTORS<br>AND DRIVES |             | DRAWN WLW 09/01/76 |      |
|                                                                                                                                                                                                                                        |                                   |              |          | DEC.                           | INCHES            |                                                                                       |                                             |             | CHK                |      |
| 05                                                                                                                                                                                                                                     | ALTERNATE T5 LEAD MARKING WAS RED | RLW 8/6/02   |          | .X                             | ±.1               |                                                                                       |                                             |             | APPD               |      |
| 04                                                                                                                                                                                                                                     | ADDED ALTERNATE T5 LEAD MARKING   | RLW 5/31/02  | KH       | .XX                            | ±.01              | TITLE EXT. WIRING DIAGRAM<br>TYPE "C" W/ PROTECTOR                                    |                                             |             | SCALE 1=1          |      |
| 03                                                                                                                                                                                                                                     | DECAL WAS 004015                  | DBT 12/23/97 |          | .XXX                           | ±.005             |                                                                                       |                                             |             | REF                |      |
| 02                                                                                                                                                                                                                                     | REDRAWN ON CAD                    | DBT 05/29/97 |          | .XXXX                          | ±.0005            | MAT'L. DECAL - 004011                                                                 |                                             |             | FMF                |      |
| NO.                                                                                                                                                                                                                                    | REVISION                          | BY & DATE    | CHK      | ANG                            | ±1/2"             | FINISH                                                                                |                                             |             | PREV               |      |
| THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT<br>IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED<br>THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT |                                   |              | RFP      |                                | CAD FILE 00506702 |                                                                                       | SIZE                                        | DRAWING NO. |                    | REV. |
|                                                                                                                                                                                                                                        |                                   |              | DIST NLV |                                |                   |                                                                                       | A                                           | 005067-02   |                    | 05   |



# LEESON ELECTRIC CORPORATION

## TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 110402.00

Curve at

230

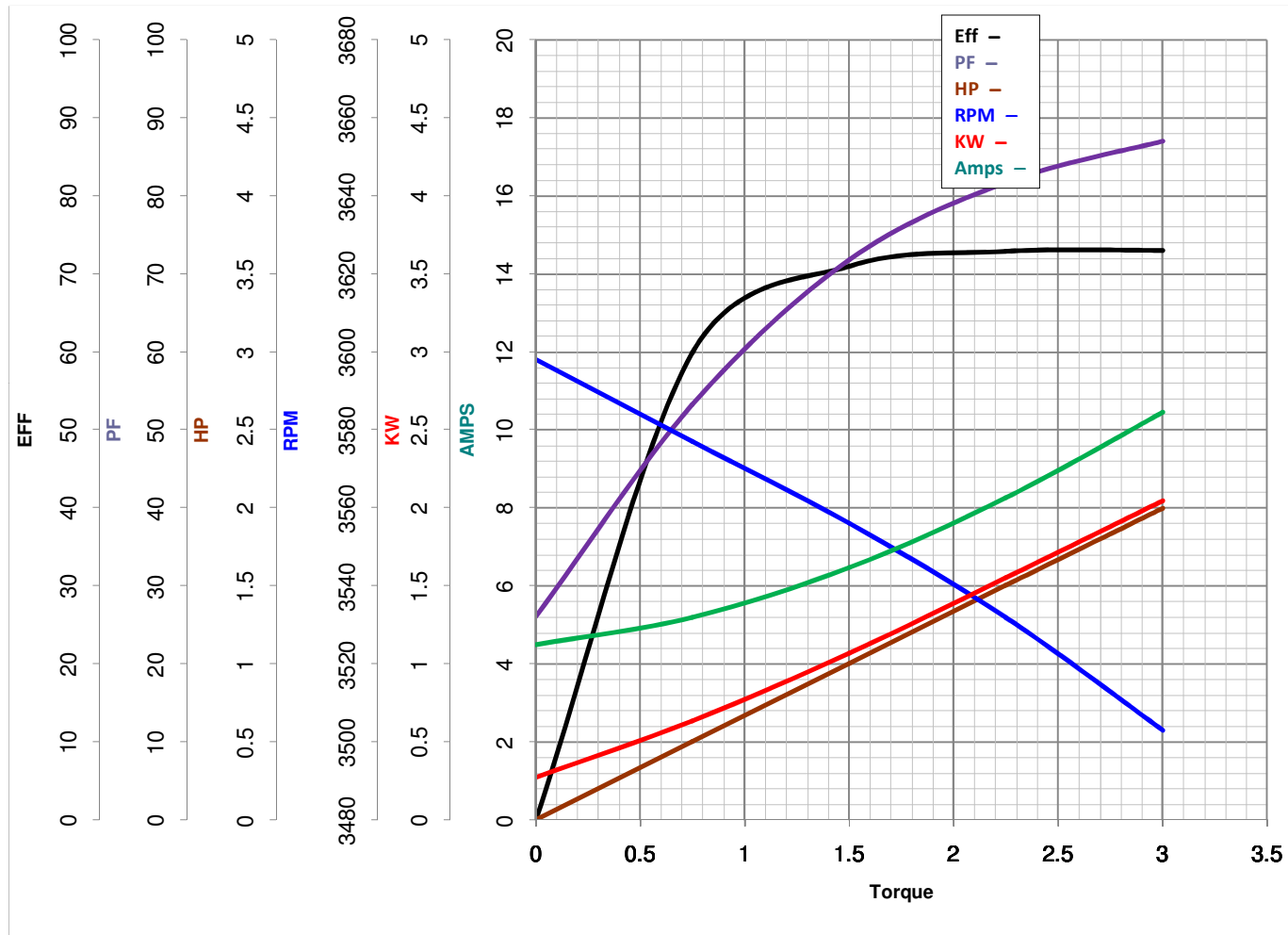
Volts

HP 2.00PHASE 160

HZ

VOLTS 115/208-2302

HP

Catalog No 110402.00HZ 60RPM 3450

Torque in Lb.Ft

FL TORQUE 3 Lb.FtBD TORQUE 7.8 Lb.FtLR TORQUE 7.5 Lb.Ft

WINDING C632213-3

FL AMPS 20/11.4-10PU TORQUE 7.0 Lb.FtLR AMPS 64.4

Date 3/13/2018