

# PRODUCT INFORMATION PACKET



Model No: C6C17NC114A

Catalog No: 117497.00

..1HP..1725RPM.56C.TENV.115/230V.1PH.60HZ.10 MIN.40C.1.0SF.C-FACE.C6C17NC114A.....BOAT  
HOIST.None.....

Paint Free



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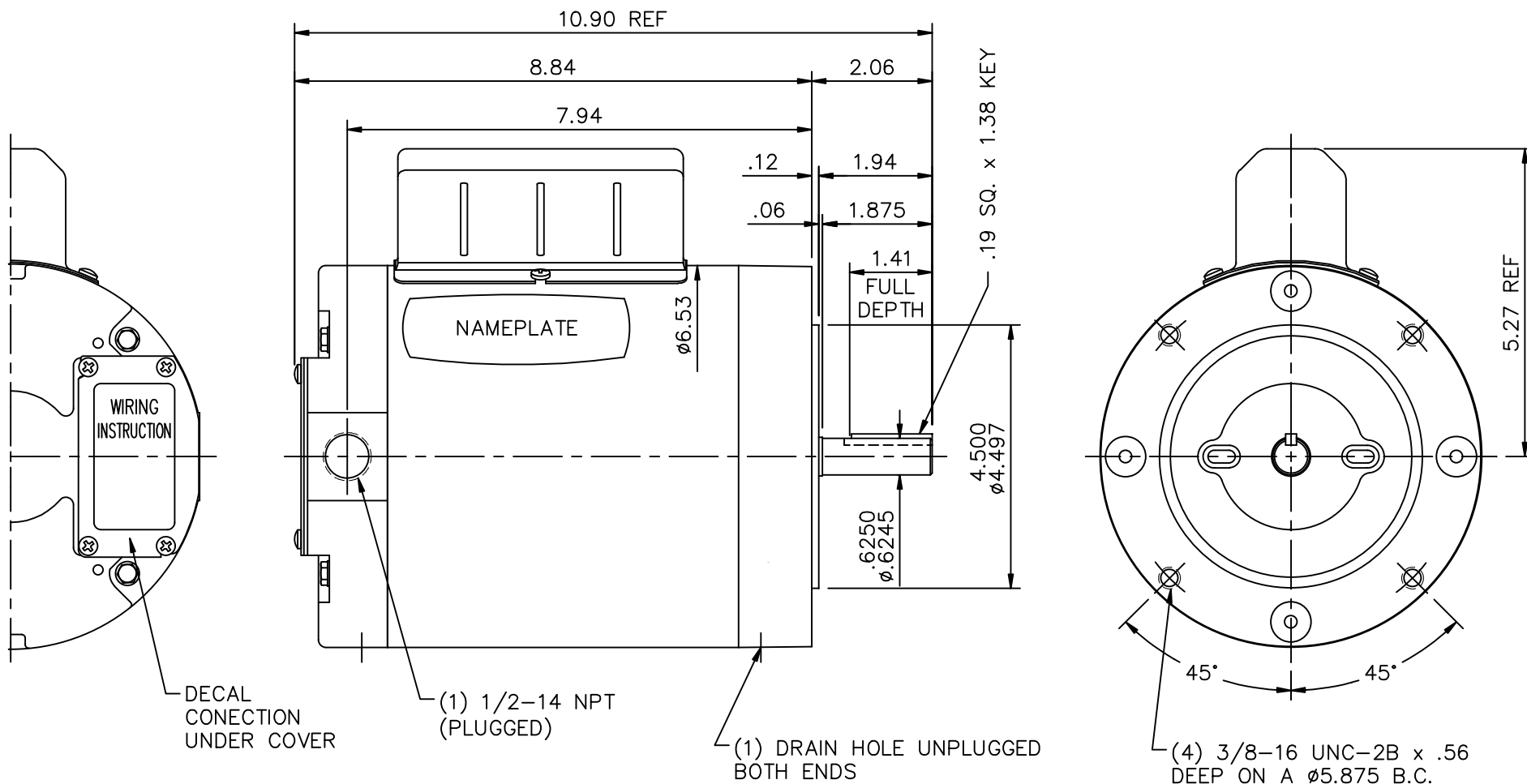
### Nameplate Specifications

|                            |  |                        |                      |
|----------------------------|--|------------------------|----------------------|
| Output HP                  | <b>1 Hp</b>                            | Output KW              | <b>0.75 kW</b>       |
| Frequency                  | <b>60 Hz</b>                           | Voltage                | <b>115/208-230 V</b> |
| Current                    | <b>12.8/6.4 A</b>                      | Speed                  | <b>1725 rpm</b>      |
| Service Factor             | <b>1</b>                               | Phase                  | <b>1</b>             |
| Efficiency                 | <b>75 %</b>                            | Duty                   | <b>10 Minute</b>     |
| Insulation Class           | <b>B</b>                               | Design Code            | <b>N</b>             |
| KVA Code                   | <b>K</b>                               | Frame                  | <b>56C</b>           |
| Enclosure                  | <b>Totally Enclosed Non Ventilated</b> | Overload Protector     | <b>No</b>            |
| Ambient Temperature        | <b>40 °C</b>                           | Drive End Bearing Size | <b>6203</b>          |
| Opp Drive End Bearing Size | <b>6203</b>                            | UL                     | <b>Recognized</b>    |
| CSA                        | <b>Y</b>                               | CE                     | <b>N</b>             |
| IP Code                    | <b>43</b>                              |                        |                      |

### Technical Specifications


|                       |                                      |                       |                                   |
|-----------------------|--------------------------------------|-----------------------|-----------------------------------|
| Electrical Type       | <b>Capacitor Start Induction Run</b> | Starting Method       | <b>Across The Line</b>            |
| Poles                 | <b>4</b>                             | Rotation              | <b>Selective Counterclockwise</b> |
| Mounting              | <b>Round</b>                         | Motor Orientation     | <b>HORIZONTAL</b>                 |
| Drive End Bearing     | <b>BALL</b>                          | Opp Drive End Bearing | <b>BALL</b>                       |
| Frame Material        | <b>Stainless Steel</b>               | Shaft Type            | <b>NEMA 56</b>                    |
| Overall Length        | <b>10.90 in</b>                      | Frame Length          | <b>6.00 in</b>                    |
| Shaft Diameter        | <b>0.625 in</b>                      | Shaft Extension       | <b>1.88 in</b>                    |
| Assembly/Box Mounting | <b>F1 ONLY</b>                       |                       |                                   |
| Outline Drawing       | <b>OL117497</b>                      | Connection Diagram    | <b>005005.01</b>                  |

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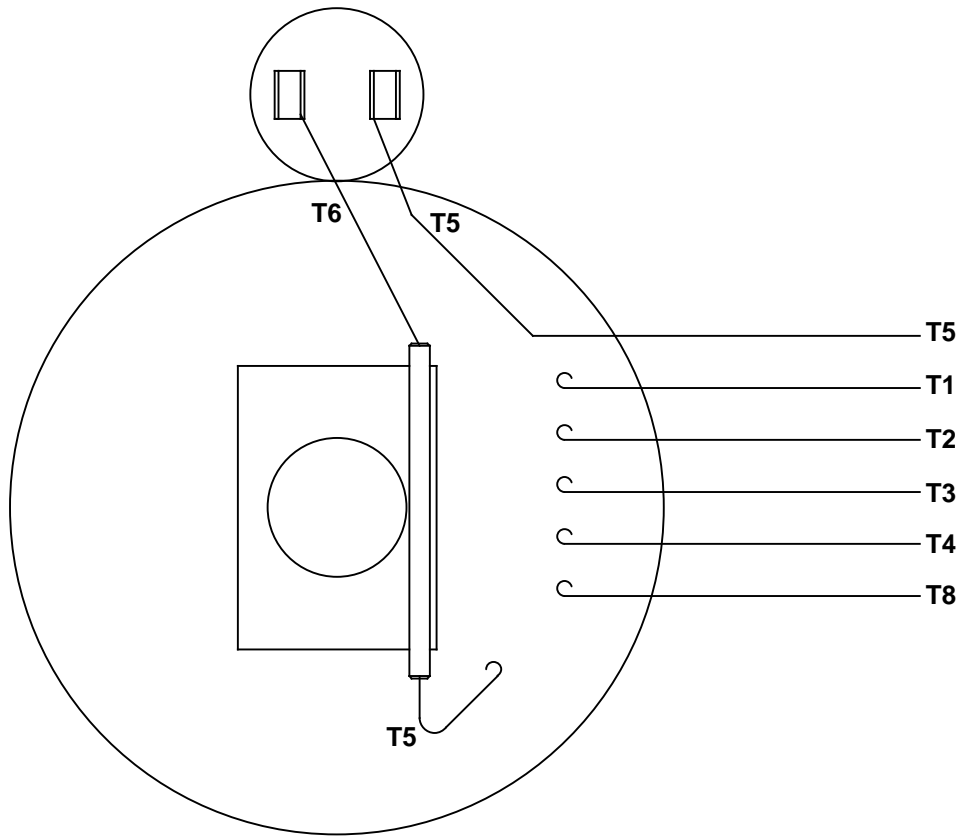
MAXIMUM FACE RUNOUT .004 T.I.R.  
 MAXIMUM PILOT ECCENTRICITY .004 T.I.R.  
 PERMISSIBLE SHAFT RUNOUT .002 T.I.R.

GASKETS THROUGHOUT

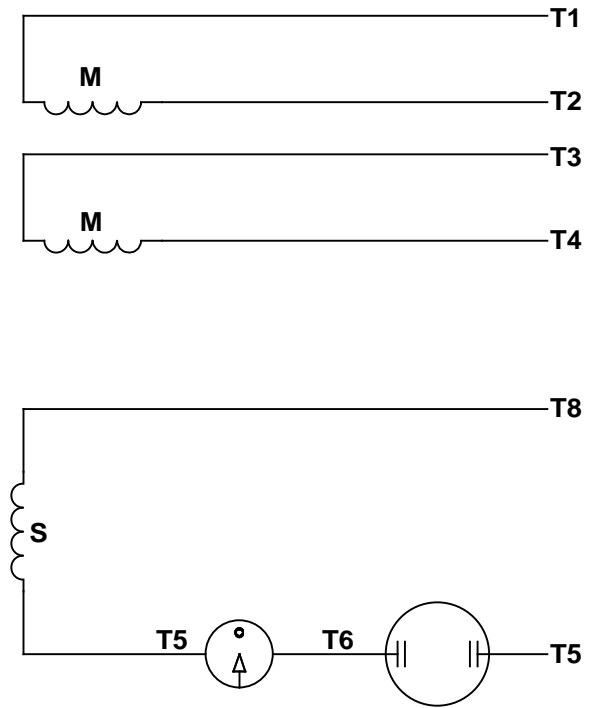
|     |          |           | TOLERANCES UNLESS SPECIFIED |         |  ELECTRIC MOTORS<br>GEARMOTORS<br>AND DRIVES | DRAWN    | SSK 05/27/10 |             |      |
|-----|----------|-----------|-----------------------------|---------|---|----------|--------------|-------------|------|
|     |          |           | DEC.                        | INCHES  |   | CHK      |              |             |      |
|     |          |           | .X                          | ±.1     | TITLE<br>OUTLINE - 56C FRAME<br>TENV - "C" FACE   | APPD     | PG 05/27/10  |             |      |
|     |          |           | .XX                         | ±.03    |   | SCALE    | 3=8          |             |      |
|     |          |           | .XXX                        | ±.005   |   | REF      | OL116878     |             |      |
|     |          |           | .XXXX                       | ±.0005  |   | MAT'L.   | FMF          |             |      |
| NO. | REVISION | BY & DATE | CHK                         | ANG     | FINISH  | PREV     |              |             |      |
|     |          |           | RFP                         | 9/16/05 | CAD FILE  | OL117497 | SIZE         | DRAWING NO. | REV. |
|     |          |           | DIST                        |         |   |          | A            | OL117497    |      |

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.




LINE LEADS



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|              | ROTATION<br>FACING<br>LEAD END | L1         | L2         | JOIN       |
|--------------|--------------------------------|------------|------------|------------|
| HIGH<br>VOLT | C.C.W.                         | T1         | T4, T5     | T2, T3, T8 |
|              | C.W.                           | T1         | T4, T8     | T2, T3, T5 |
| LOW<br>VOLT  | C.C.W.                         | T1, T3, T8 | T2, T4, T5 | -----      |
|              | C.W.                           | T1, T3, T5 | T2, T4, T8 | -----      |

|                        |   |              |                                |              |   |                    |
|------------------------|---|--------------|--------------------------------|--------------|---|--------------------|
| --                     | REDRAWN IN SOLIDWORKS                     | VJB 02/16/11 | TOLERANCES<br>UNLESS SPECIFIED |              |  ELECTRIC MOTORS<br>GEARMOTORS<br>AND DRIVES | DRAWN ADH 08/06/73 |
| 27                     | UPDATED TO CURRENT STANDARDS              | DBT 05/27/97 | DEC                            | INCHES       |   | CHK                |
| 26                     | ADDED PAGE 32 (114787) & PAGE 33 (114788) | KAZ 12/20/95 | PG                             | .X ±.1       |   | APPR JCW 03/09/79  |
| 25                     | ADDED PAGE 31                             | KAZ 04/19/95 | DL                             | .XX ±.01     | TITLE EXTERNAL WIRING DIAGRAM   | SCALE 1:1          |
| 24                     | ADDED PAGES 29 & 30                       | KMM 03/30/95 | DL                             | .XXX ±.005   | TYPE "C" W/O PROTECTOR  | REF FIG 2-23 C4A   |
| 23                     | ADDED PAGE 28                             | KMM 01/27/95 |                                | .XXXX ±.0005 | MAT'L DECAL - 004012  | FMF MGI-2.4B       |
| NO                     | REVISION                                  | BY & DATE    | CHK                            | ANG ±1/2°    | FINISH  | PAGE OF            |
| THIRD ANGLE PROJECTION |   |              | RFP                            | PREV         | SIZE  | DRAWING NO         |
|                        |   |              | NETWORK FILE NAME 00500501     |              | A   | 005005-01          |
|                        |   |              |                                |              |   | REV                |
|                        |   |              |                                |              |   | --                 |

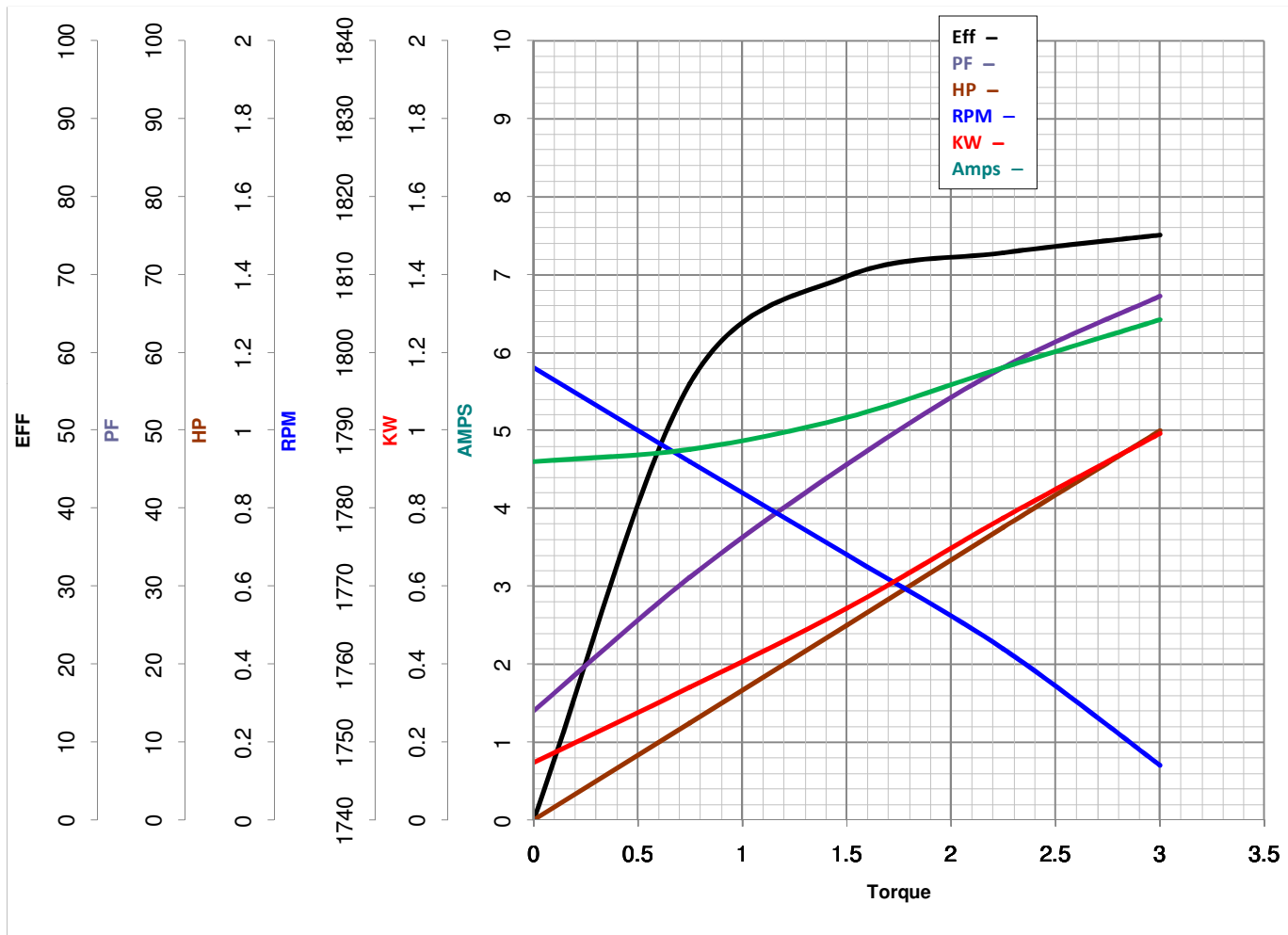


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**LEESON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

Curve at 230 Volts      **HP** 1.00      **PHASE** 1  
60 HZ  
1 HP      **VOLTS** 115/208-230  
**HZ** 60      **RPM** 1725



Torque in Lb.Ft

FL TORQUE 3 Lb.Ft  
 BD TORQUE 6.9 Lb.Ft  
 LR TORQUE 19 Lb.Ft

FL AMPS 12.8/6.4  
 PU TORQUE 6.7 Lb.Ft  
 LR AMPS 33

WINDING C634256-3

Date 3/26/2018