# PRODUCT INFORMATION PACKET

**LEESON®**

Model No: C6C34FB15G

Catalog No: 110276.00

3/4HP..3450RPM.56.TEFC.115/208-230V.1PH.60HZ.CONT.NOT.40C.1.15SF.RIGID.GENERAL PURPOSE.C6C34FB15G

Totally Enclosed Fan Cooled (TEFC)

**LEESON**

## Nameplate Specifications

| | | | |
|---|---|---|---|
| Output HP | **0.75 Hp** | Output KW | **0.56 kW** |
| Frequency | **60 Hz** | Voltage | **115/208-230 V** |
| Current | **10.0/5.2-5.0 A** | Speed | **3450 rpm** |
| Service Factor | **1.15** | Phase | **1** |
| Efficiency | **64 %** | Duty | **Continuous** |
| Insulation Class | **B** | Design Code | **N** |
| KVA Code | **L** | Frame | **56** |
| Enclosure | **Totally Enclosed Fan Cooled** | Overload Protector | **No** |
| Ambient Temperature | **40 °C** | Drive End Bearing Size | **6203** |
| Opp Drive End Bearing Size | **6203** | UL | **Recognized** |
| CSA | **Y** | CE | **N** |
| IP Code | **43** | | |

## 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 | **11.48 in** | Frame Length | **6.00 in** |
| Shaft Diameter | **0.625 in** | Shaft Extension | **1.88 in** |
| Assembly/Box Mounting | **F1 ONLY** | | |
| Outline Drawing | **028797-600B** | Connection Diagram | **005005.01** |

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"C" ±.06
"AD"
.75
.63
1.94
1.875
.07
1.41 FULL DEPTH
(2) Ø1.13 KNOCKOUTS
Ø7.65
Ø6.53
.19 SQ. x 1.38 KEY
EFF. DECAL
WARNING DECAL
Ø .6250 / .6245
(3) Ø.88 KNOCKOUTS
.34
3.00
2.75±.09
3.75

5.39
4.33
4.14
( "XO" )
NAMEPLATE
( 6.76 )
3.50
3.44
1.22
2.44
.119
4.88
6.50

NAMEPLATE
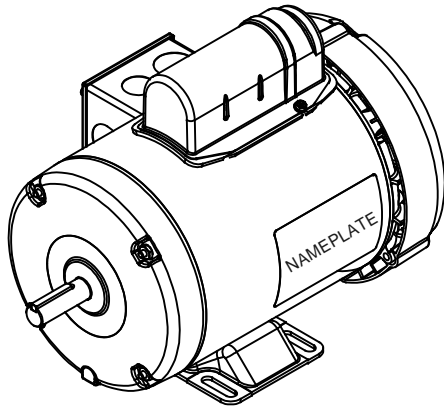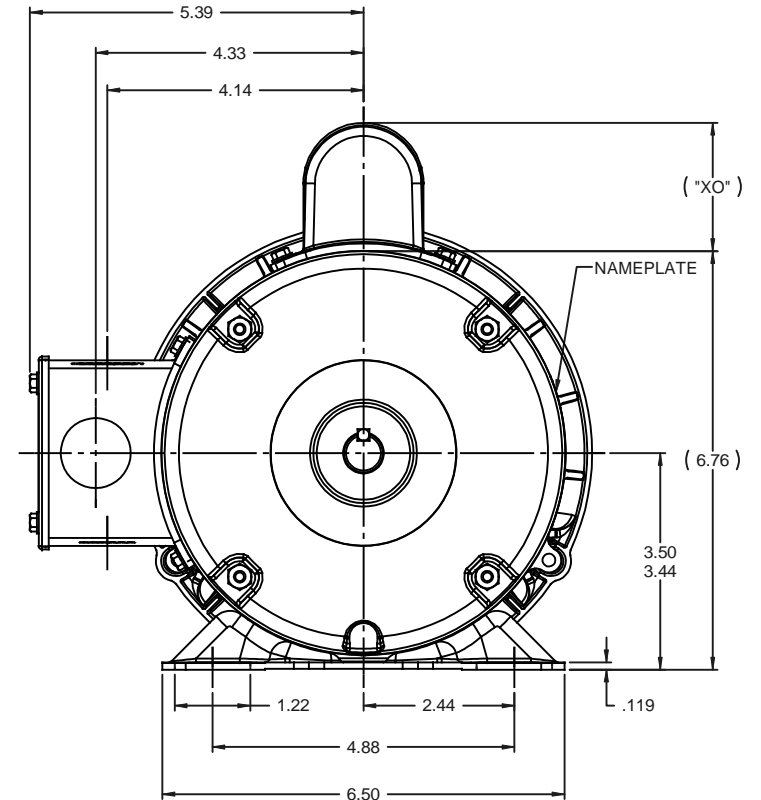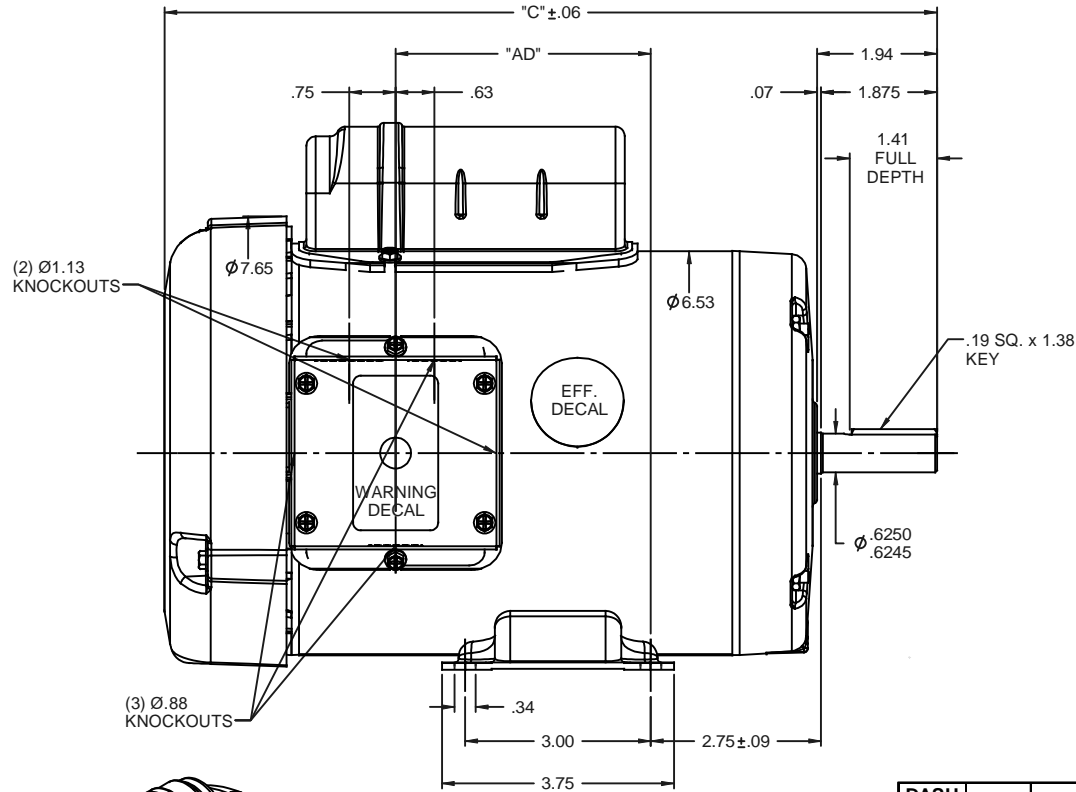
| DASH NO. | "C" | "AD" |
|---|---|---|
| 500 | 10.48 | 2.13 |
| 550 | 10.98 | 2.63 |
| 600 | 11.48 | 3.13 |
| 650 | 11.98 | 3.63 |
| 700 | 12.48 | 4.13 |
| 750 | 12.98 | 4.63 |

| CAP DASH | "XO" |
|---|---|
| A | 1.61 |
| B | 2.08 |
| C | 2.32 |

NOTES:
1) GASKETS THROUGHOUT

LEESON
ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

| | | | | TOLERANCES UNLESS SPECIFIED | | | DRAWN KMM 09/18/07 | |
|---|---|---|---|---|---|---|---|---|
| | | | DEC | INCHES | | | CHK | |
| | | | X | ±.1 | | | APPR | |
| | | | .XX | ±.03 | TITLE OUTLINE - 56 FRAME | | SCALE 1:2 | |
| | | | .XXX | ±.005 | TEFC - RIGID | | REF 028612 | |
| 01 | ADDED ISOMETRIC VIEW AS PER ISAAC #08-4017 | GRB` 9/5/2008 | DJ | .XXXX ±.0005 | MAT'L | | FMF 110094.00 | |
| NO | REVISION | BY & DATE | CHK | ANG ±1/2° | FINISH GENERAL PURPOSE | | PAGE 1 OF 1 | |
| | THIRD ANGLE PROJECTION | | RFP | | PREV | | SIZE B | DRAWING NO 028797 | REV 01 |
| | | | NETWORK FILE NAME | | | | | |

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



T6    T5

T5
T1
T2
T3
T4
T8

T5

## LINE LEADS



T1
M
T2
T3
M
T4

T8

S

T5    T6    T5

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

| NO | REVISION | BY & DATE | | | | |
|---|---|---|---|---|---|---|
| -- | REDRAWN IN SOLIDWORKS | VJB 02/16/11 | | | TOLERANCES UNLESS SPECIFIED | |
| 27 | UPDATED TO CURRENT STANDARDS | DBT 05/27/97 | | DEC | INCHES | |
| 26 | ADDED PAGE 32 (114787) & PAGE 33 (114788) | KAZ 12/20/95 | PG | .x | ±.1 | |
| 25 | ADDED PAGE 31 | KAZ 04/19/95 | DL | .xx | ±.01 | |
| 24 | ADDED PAGES 29 & 30 | KMM 03/30/95 | DL | .xxx | ±.005 | |
| 23 | ADDED PAGE 28 | KMM 01/27/95 | | .xxxx | ±.0005 | |
| NO | REVISION | BY & DATE | CHK | ANG | ±1/2° | |

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE  EXTERNAL WIRING DIAGRAM
TYPE "C" W/O PROTECTOR
MAT'L DECAL - 004012
FINISH

DRAWN  ADH 08/06/73
CHK
APPR  JCW 03/09/79
SCALE  1:1
REF  FIG 2-23 C4A
FMF  MGI-2.4B
PAGE      OF

THIRD ANGLE PROJECTION

RFP
PREV
NETWORK FILE NAME  00500501

SIZE  A
DRAWING NO  005005-01
REV  --

2/17/2011 9:21:36 AM

# LEESON ELECTRIC CORPORATION

**TYPICAL PERFORMANCE CURVE for AC MOTOR**

**LEESON**®

| | | | | | |
|---|---|---|---|---|---|
| **Curve at** | 230 | **Volts** | **HP** 0.76 | **PHASE** | 1 |
| | 60 | **HZ** | | | |
| **Model No** 110276.00 | 0.75 | **HP** | **VOLTS** 115/208-230 | | |
| **Catalog No** 110276.00 | | | **HZ** 60 | **RPM** | 3450 |



Legend:
- Eff —
- PF —
- HP —
- RPM —
- KW —
- Amps —

Axis labels: EFF, PF, HP, RPM, KW, AMPS
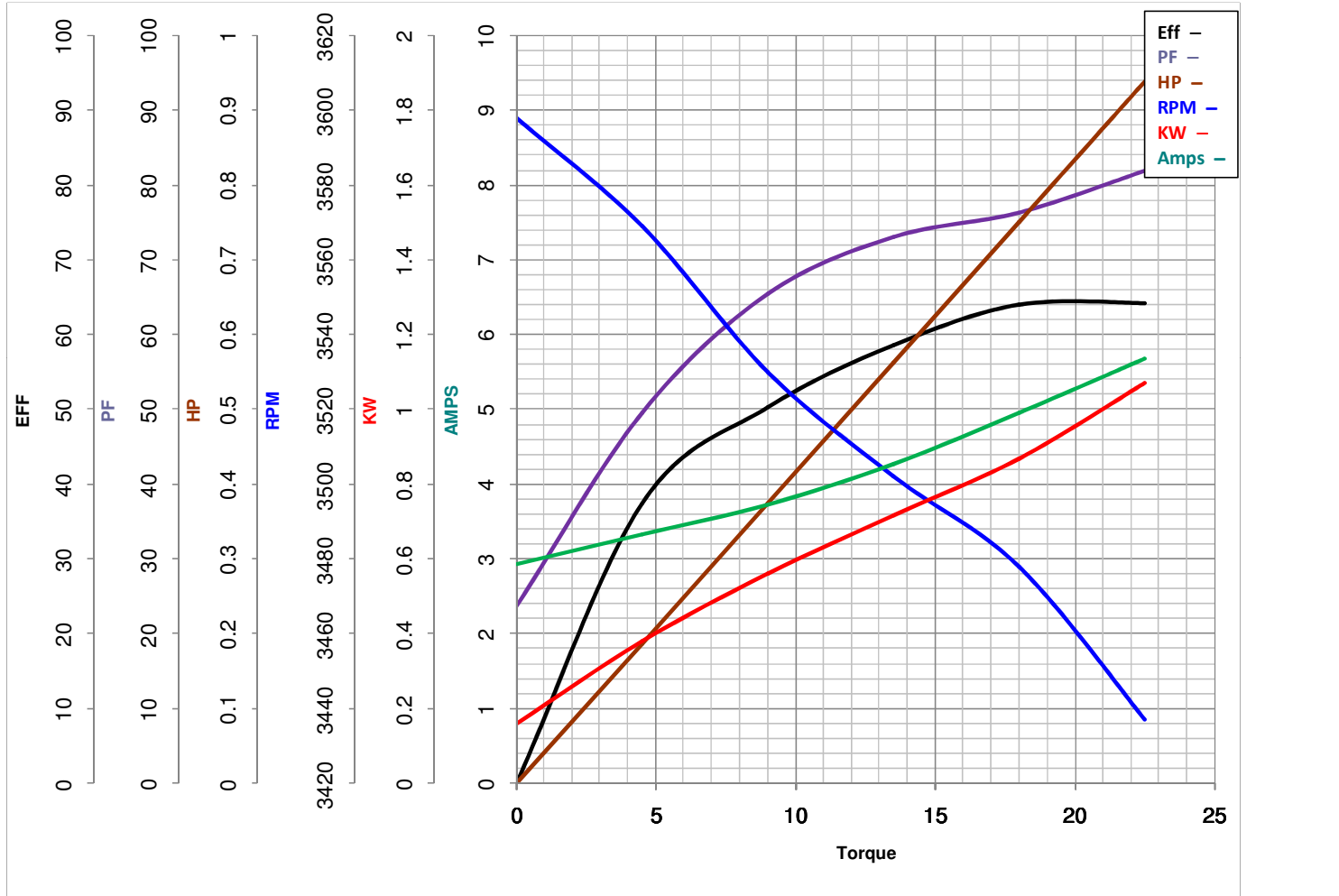
X-axis: Torque (Torque in Oz.Ft)

| | | | | | |
|---|---|---|---|---|---|
| **FL TORQUE** | 18 | **Oz.Ft** | **FL AMPS** | 10/5.2-5 | |
| **BD TORQUE** | 48.0 | **Oz.Ft** | **PU TORQUE** | 45.0 | **Oz.Ft** |
| **LR TORQUE** | 64 | **Oz.Ft** | **LR AMPS** | 30 | |
| **WINDING** | C632210-3 | | | **Date** | 3/13/2018 |