

PRODUCT INFORMATION PACKET



Model No: C4C17FC10C

Catalog No: 101765.00

1/4HP..1725RPM.48.TEFC.115/208-230V.1PH.60HZ.CONT.NOT.40C.1.15SF.ROUND.GENERAL
PURPOSE.C4C17FC10C

Totally Enclosed Fan Cooled (TEFC)



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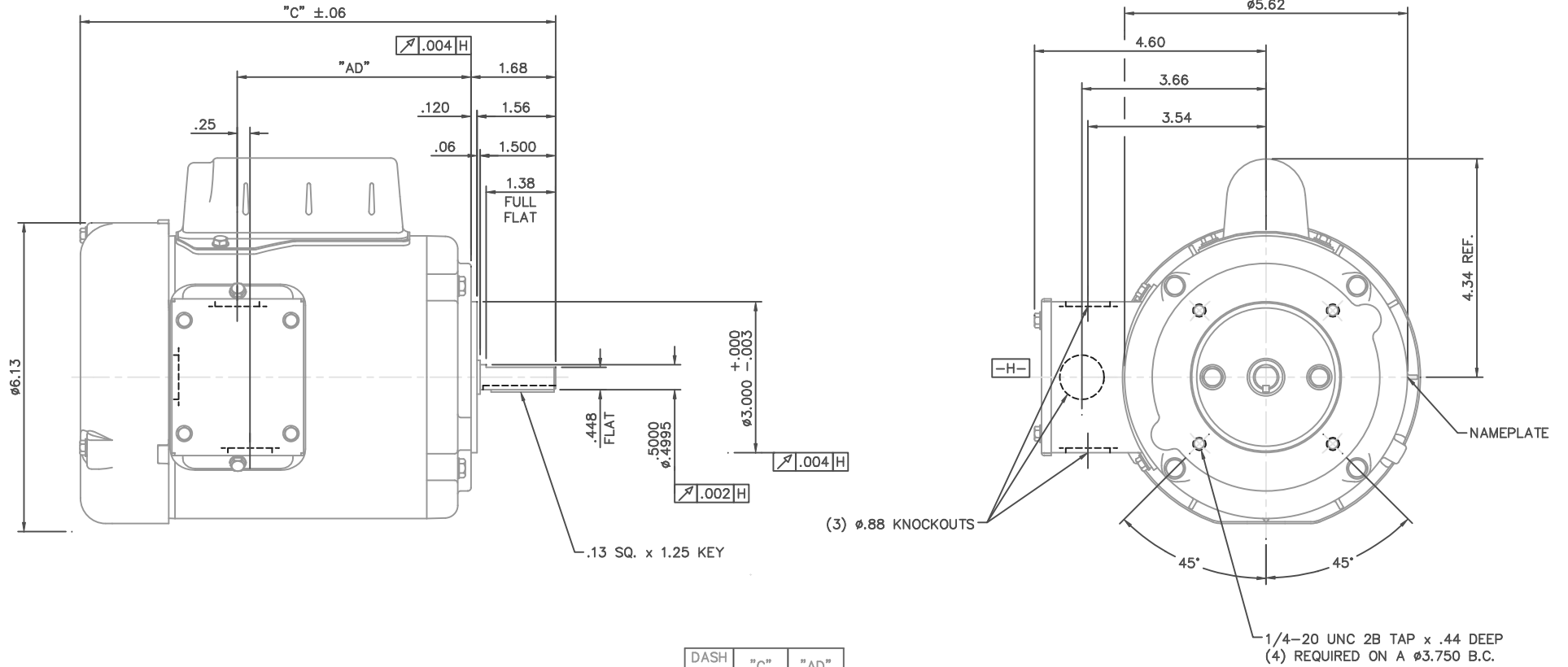


Nameplate Specifications

| | | | |
|----------------------------|------------------------------------|------------------------|----------------------|
| Output HP | 0.25 Hp | Output KW | 0.19 kW |
| Frequency | 60 Hz | Voltage | 115/208-230 V |
| Current | 5.4/2.4-2.7 A | Speed | 1725 rpm |
| Service Factor | 1.15 | Phase | 1 |
| Efficiency | 56 % | Duty | Continuous |
| Insulation Class | B | Design Code | N |
| KVA Code | M | Frame | 48CZ |
| 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 | 4 | Rotation | Selective Counterclockwise |
| Mounting | Round | Motor Orientation | HORIZONTAL |
| Drive End Bearing | BALL | Opp Drive End Bearing | BALL |
| Frame Material | Rolled Steel | Shaft Type | T |
| Overall Length | 9.19 in | Frame Length | 4.75 in |
| Shaft Diameter | 0.500 in | Shaft Extension | 1.5 in |
| Assembly/Box Mounting | F1 ONLY | | |
| Outline Drawing | 031700-475 | Connection Diagram | 005005.44 |

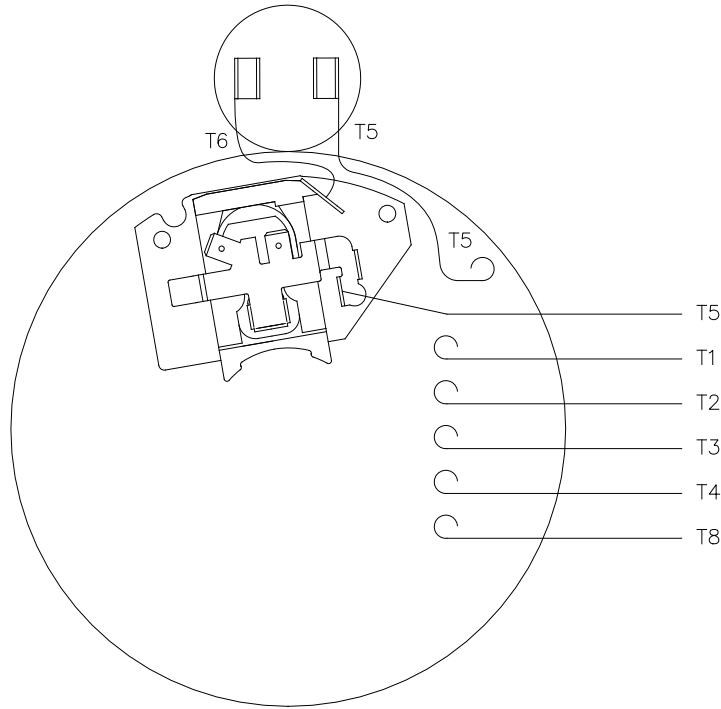


| DASH NO. | "C" | "AD" |
|----------|-------|------|
| 450 | 8.94 | 4.14 |
| 475 | 9.19 | 4.39 |
| 500 | 9.44 | 4.64 |
| 525 | 9.69 | 4.89 |
| 550 | 9.94 | 5.14 |
| 575 | 10.19 | 5.39 |
| 600 | 10.44 | 5.64 |
| 625 | 10.69 | 5.89 |
| 650 | 10.94 | 6.14 |
| 675 | 11.19 | 6.39 |

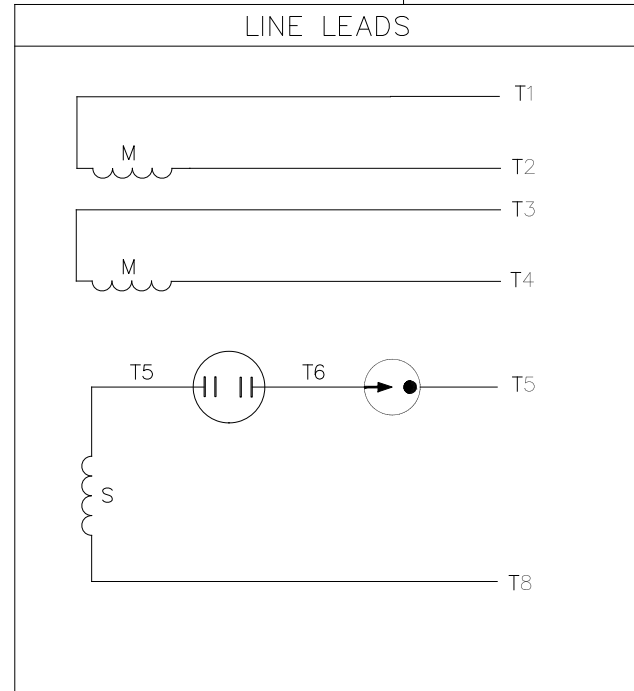
GASKETS THROUGHOUT

| NO. | | REVISION | | BY & DATE | | TOLERANCES UNLESS SPECIFIED | | LEESON | ELECTRIC MOTORS GEARMOTORS AND DRIVES | DRAWN KMM 07/15/02 |
|--|----------|----------|------|-----------|-----|-----------------------------|-----------|--------|---|--------------------|
| NO. | REVISION | BY | DATE | CHK | ANG | FINISH | PREV | | | |
| | | | | | | DEC. | INCHES | | | CHK |
| | | | | | | .X | ±.1 | | | APPD |
| | | | | | | .XX | ±.03 | TITLE | OUTLINE - 48CZ FRAME | SCALE 1=2 |
| | | | | | | .XXX | ±.005 | | "C" FACE MOUNT - TEFC | REF 031699 |
| | | | | | | .XXXX | ±.0005 | MAT'L | 1 PHASE | FMF 101765 |
| | | | | | | CHK | ANG ±1/2' | 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 | 031700 | SIZE | DRAWING NO. |
| | | | | | | DIST | | | B | 031700 |
| | | | | | | | | | | REV. |


005005-44



VIEW FROM OUTSIDE OF MOTOR AT SWITCH END



| | 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 | |

| | | | | | | | | | |
|---|--------------------------------------|-----------|---------|---------------------------------------|--------|--------|---|---|-----------------------|
| | | | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | |  Regal Beloit America, Inc. | | |
| | | | | DEC. | INCHES | METRIC | | | |
| | | | | .X | ±.1 | ±2.5 | DRAWN PG 5/7/01 | TITLE EXTERNAL WIRING DIAGRAM TYPE "C" W/O PROTECTOR | |
| | | | | .XX | ±.01 | ±.25 | APPR. | MAT'L. DUAL VOLTAGE - DUAL ROTATION | |
| 01 | MOVED T5 TO "INSIDE" SWITCH TERMINAL | PG 8/2/01 | | .XXX | ±.005 | ±.127 | R.F.P. | | |
| NO. | REVISION | BY & DATE | CH'K'D. | .XXXX | ±.0005 | ±.0127 | SCALE 5=8 | | |
| 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 | | | | FRACTIONS | ±1/64 | | REF. 005005-01 | FINISH | REV. 01 |
| | | | | ANGLES | ±1/2" | | FMF 100006 | | DRAWING NO. 005005-44 |

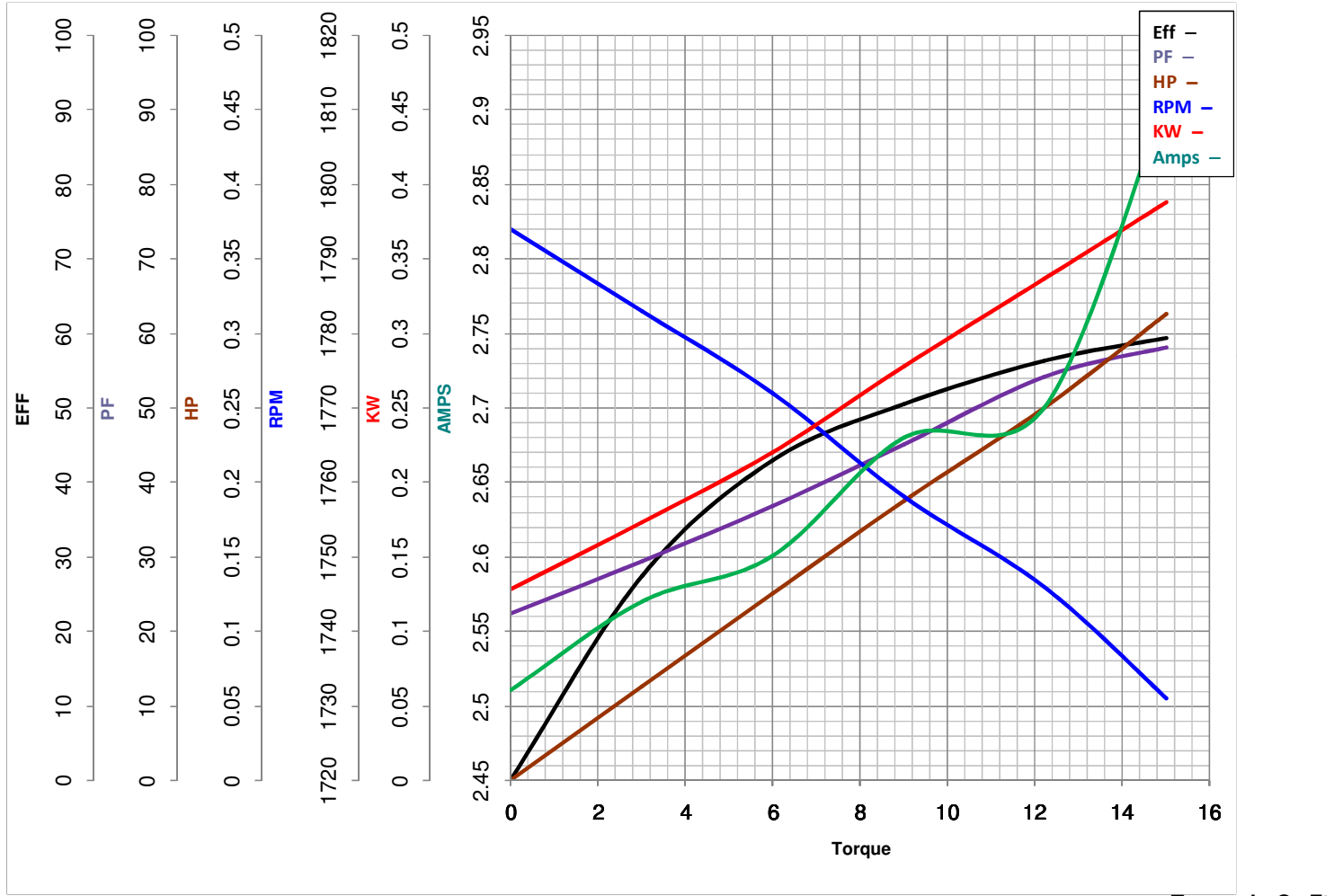


LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 101765.00

Catalog No 101765.00

Curve at 230 Volts HP 0.25 PHASE 1
60 HZ
0.25 HP VOLTS 115/208-230
 HZ 60 RPM 1725



FL TORQUE 12.2 Oz.Ft
 BD TORQUE 37.8 Oz.Ft
 LR TORQUE 43.6 Oz.Ft

FL AMPS 5.4/2.4-2.7
 PU TORQUE 36.5 Oz.Ft
 LR AMPS 11.5

WINDING CE484211-3

Date 7/17/2018