

PRODUCT INFORMATION PACKET



Model No: M4C17NH8B

Catalog No: 102913.00

..1/3HP..1725RPM.S56.TENV.115/208-230V.1PH.60HZ.CONT.40C.1.15SF.RIGID.M4C17NH8B.....WP 56 to 48 Repl 110020.MANUAL.....

Totally Enclosed Non-Ventilated (TENV)



Regal and Leeson are trademarks of Regal Beloit Corporation or one of its affiliated companies.

©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E





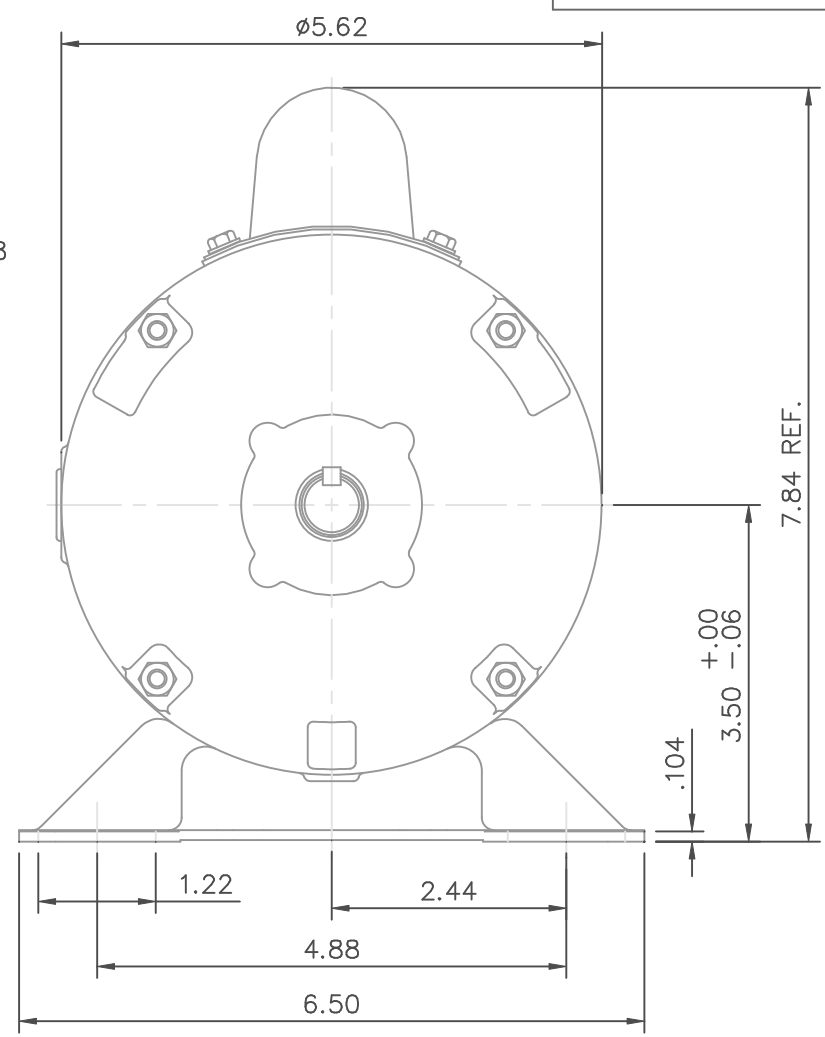
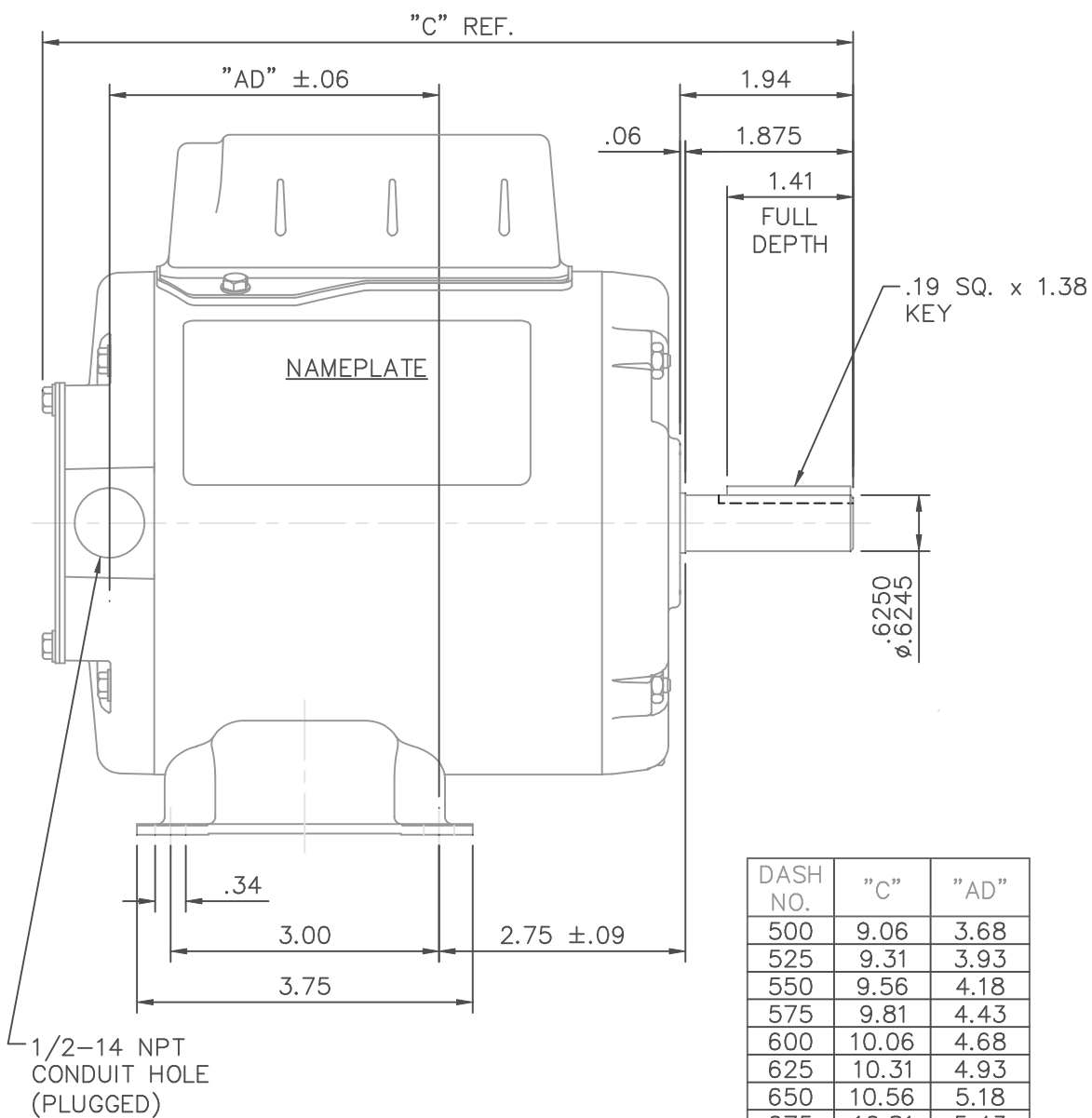
Nameplate Specifications

| | | | |
|----------------------------|--|------------------------|----------------------|
| Output HP | 0.33 Hp | Output KW | 0.25 kW |
| Frequency | 60 Hz | Voltage | 115/208-230 V |
| Current | 5.2/2.6 A | Speed | 1725 rpm |
| Service Factor | 1.15 | Phase | 1 |
| Efficiency | 65 % | Duty | Continuous |
| Insulation Class | F | Design Code | N |
| KVA Code | J | Frame | S56 |
| Enclosure | Totally Enclosed Non Ventilated | Overload Protector | Manual |
| 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 | Rigid base | Motor Orientation | HORIZONTAL |
| Drive End Bearing | BALL | Opp Drive End Bearing | BALL |
| Frame Material | Rolled Steel | Shaft Type | T |
| Overall Length | 10.31 in | Frame Length | 6.25 in |
| Shaft Diameter | 0.625 in | Shaft Extension | 1.88 in |
| Assembly/Box Mounting | F1 ONLY | | |
| Outline Drawing | 031767-625 | Connection Diagram | 005003.52 |

031767



GASKETS THROUGHOUT

| DASH NO. | "C" | "AD" |
|----------|-------|------|
| 500 | 9.06 | 3.68 |
| 525 | 9.31 | 3.93 |
| 550 | 9.56 | 4.18 |
| 575 | 9.81 | 4.43 |
| 600 | 10.06 | 4.68 |
| 625 | 10.31 | 4.93 |
| 650 | 10.56 | 5.18 |
| 675 | 10.81 | 5.43 |

| TOLERANCES UNLESS SPECIFIED | |
|-----------------------------|--------|
| DEC. | INCHES |
| .X | ±.1 |
| .XX | ±.03 |
| .XXX | ±.005 |
| .XXXX | ±.0005 |
| ANG | ±1/2° |



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

| | |
|-------|------------|
| DRAWN | PG 3/30/04 |
| CHK | |
| APPD | |
| SCALE | 1=2 |
| REF | 031619 |
| FMF | 102914.00 |
| PREV | |

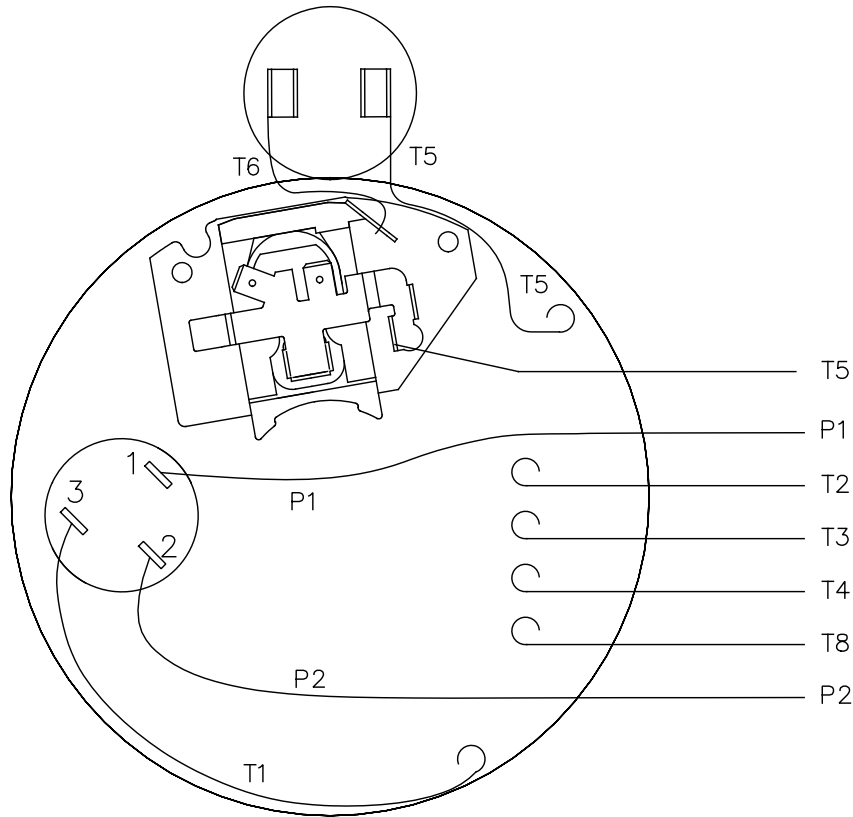
| | |
|--------|---|
| TITLE | OUTLINE - S56 FRAME RIGID MOUNT - TENV |
| MAT'L. | 1 PHASE |
| FINISH | STANDARD |

| NO. | REVISION | BY & DATE | CHK |
|-----|----------|-----------|-----|
| | | | |

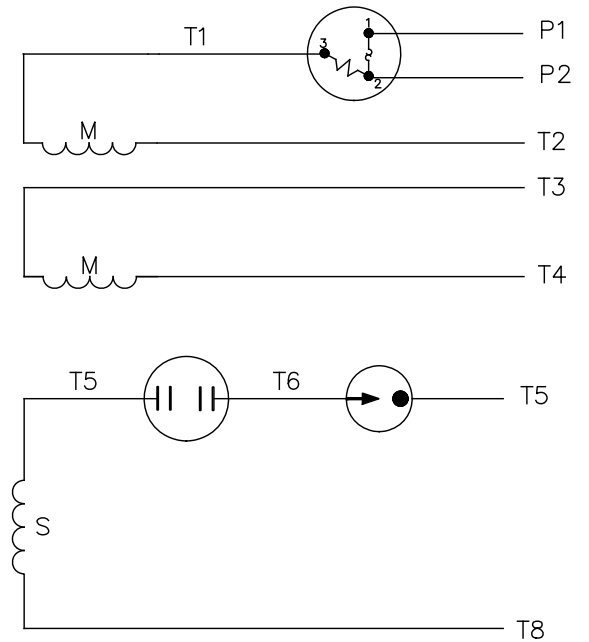
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT

| | | | | | |
|------|----------|--------|------|-------------|------|
| RFP | CAD FILE | 031767 | SIZE | DRAWING NO. | REV. |
| DIST | | | A | 031767 | |

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



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

| | | TOLERANCES UNLESS SPECIFIED | | REGAL TM Regal Beloit America, Inc. | | DRAWN PG 6/8/01 | | | |
|--|--------------------------------------|--------------------------------|----------|--|--------------|-------------------------------------|--------|-----------------------|---------|
| | | DEC. | INCHES | | | CHK | | | |
| | | .X | ±.1 | | | APPD | | | |
| | | .XX | ±.01 | TITLE | | SCALE 1=1 | | | |
| 02 | CHANGED CAMPANY LOGO ONLY | AS | 11/08/16 | .XXX | ±.005 | REF 005003-01 | | | |
| 01 | MOVED T5 TO "INSIDE" SWITCH TERMINAL | PG | 8/2/01 | CD | .XXXX ±.0005 | MAT'L. DUAL VOLTAGE - DUAL ROTATION | | | |
| NO. | REVISION | BY & DATE | CHK | ANG | ±1/2" | FINISH DECAL - 004011 | | | |
| 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 | 00500352 | SIZE A | DRAWING NO. 005003-52 | REV. 02 |
| | | | | DIST | | | | | |

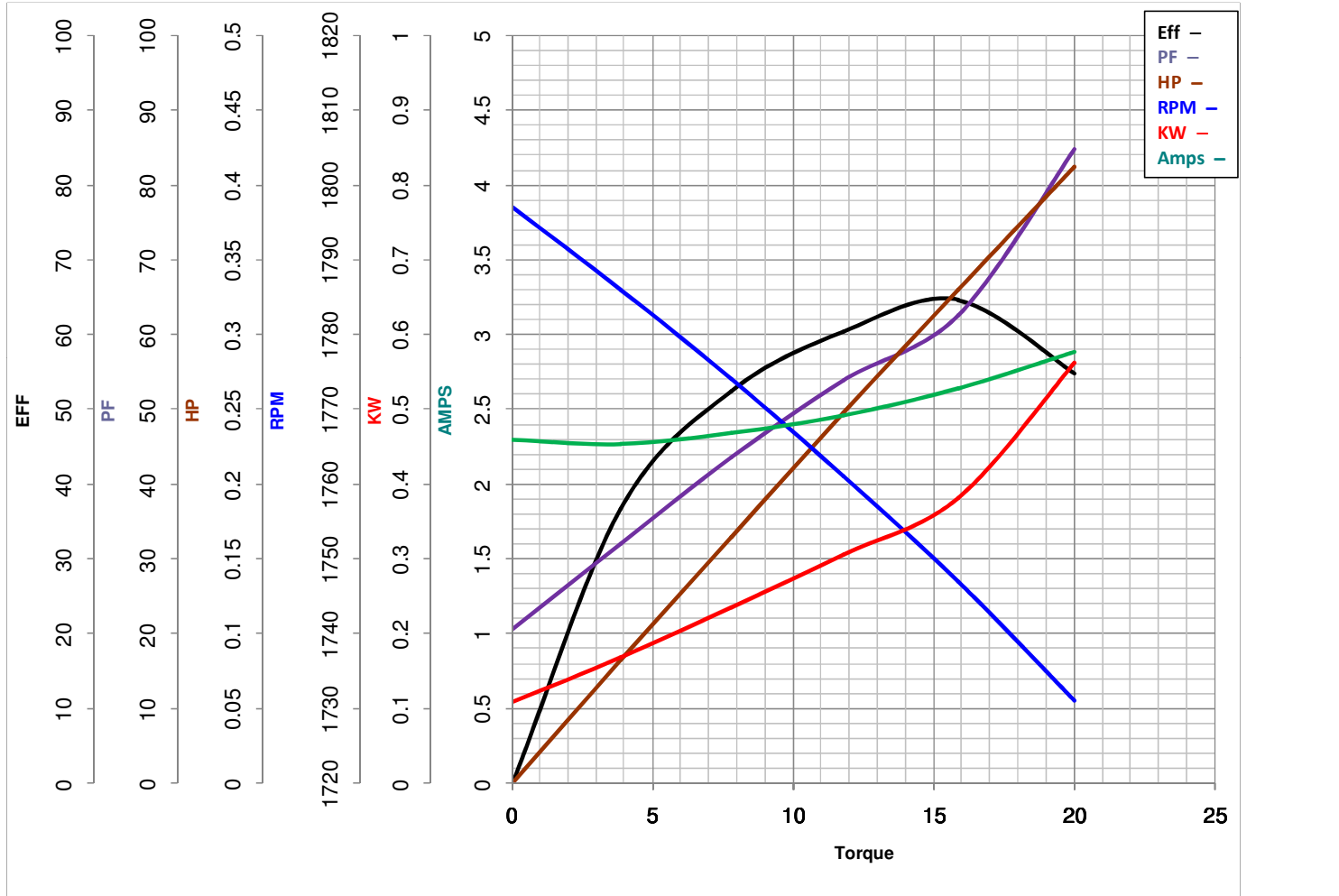


LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 102913.00

Catalog No 102913.00

Curve at 230 Volts HP 0.33 PHASE 1
60 HZ
0.33 HP VOLTS 115/208-230
HZ 60 RPM 1725



| | | | |
|-----------|--------------------|-----------|-------------------|
| FL TORQUE | <u>15.87</u> Oz.Ft | FL AMPS | <u>5.2/2.6</u> |
| BD TORQUE | <u>44.2</u> Oz.Ft | PU TORQUE | <u>51.6</u> Oz.Ft |
| LR TORQUE | <u>60.7</u> Oz.Ft | LR AMPS | <u>11.4</u> |
| WINDING | CE484255-3 | Date | <u>4/11/2018</u> |