

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)



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Nameplate Specifications

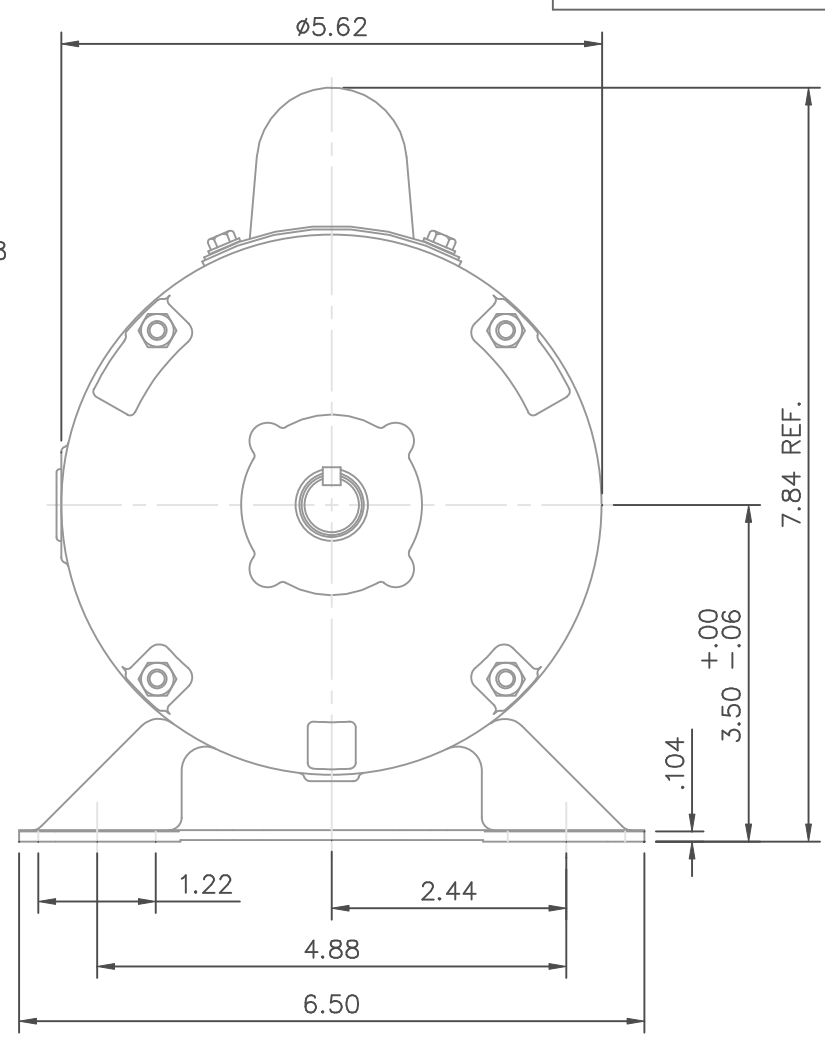
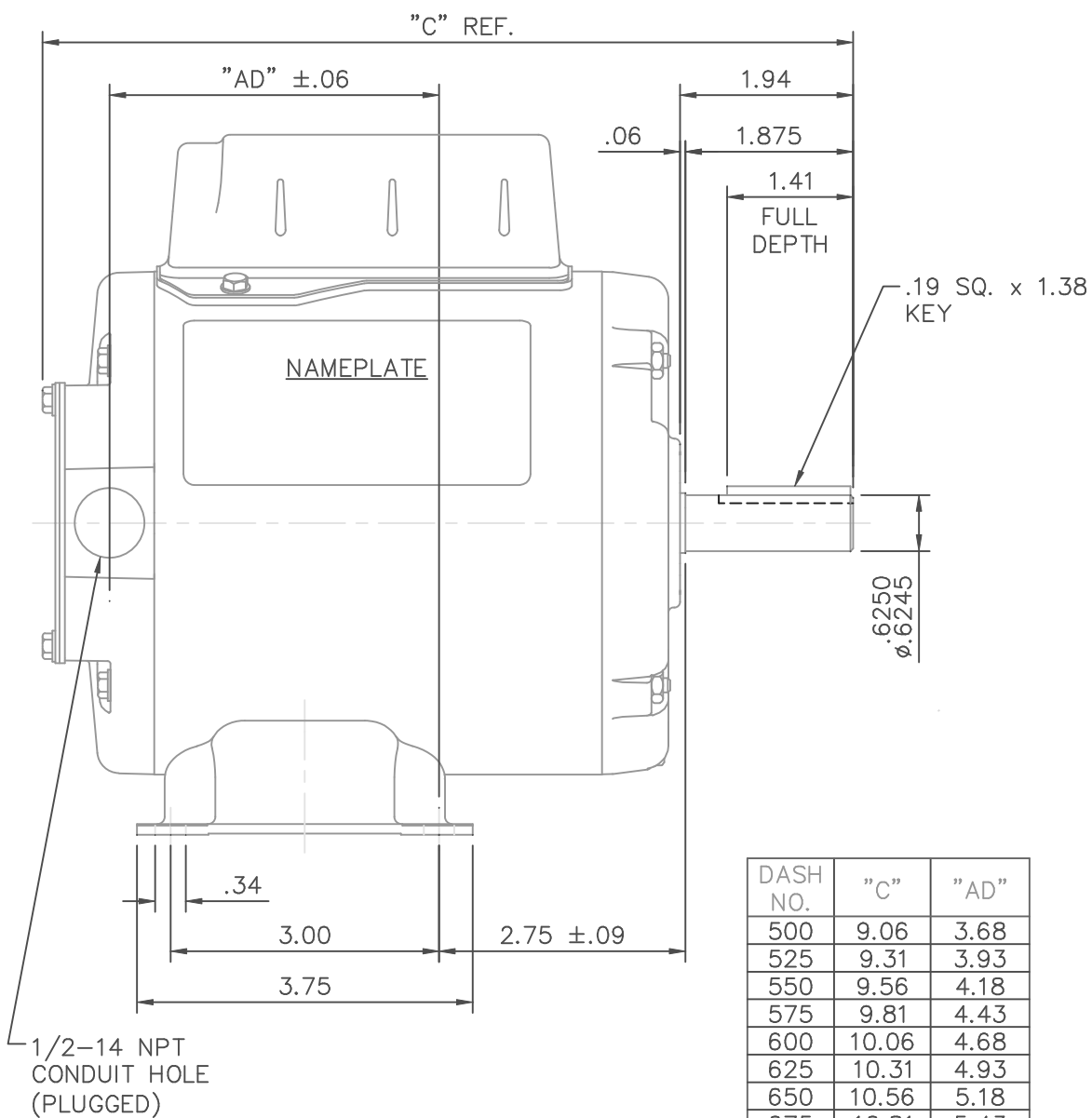
| | | | |
|----------------------------|--|------------------------|----------------------|
| Output HP | 0.33 Hp | Output KW | 0.25 kW |
| Frequency | 60 Hz | Voltage | 115/208-230 V |
| Current | 5.2/2.6 A | Speed | 1725 rpm |
| Service Factor | 1.15 | Phase | 1 |
| Efficiency | 65 % | Duty | Continuous |
| 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 |


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031767



| 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 |

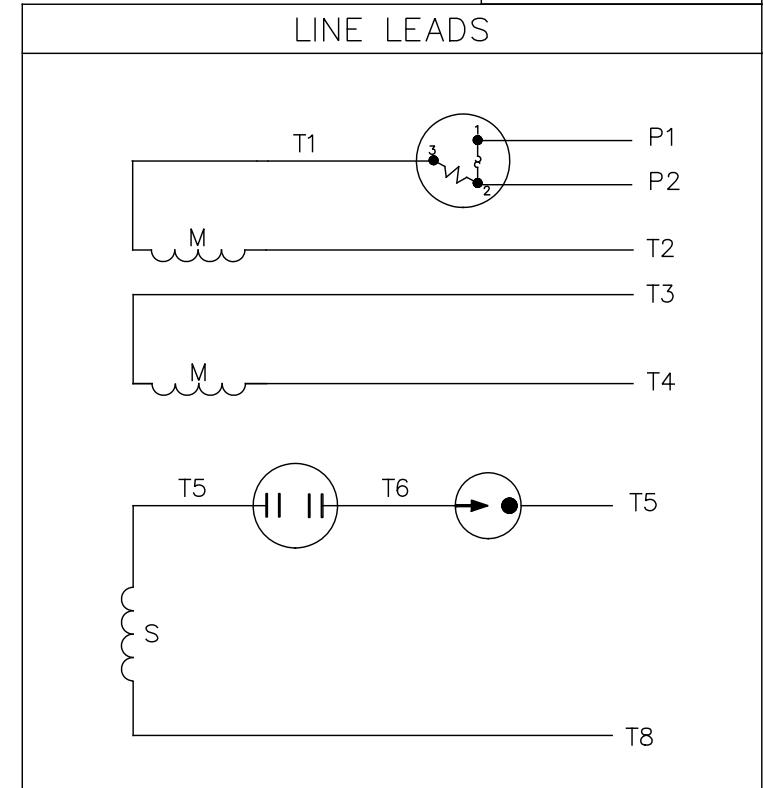
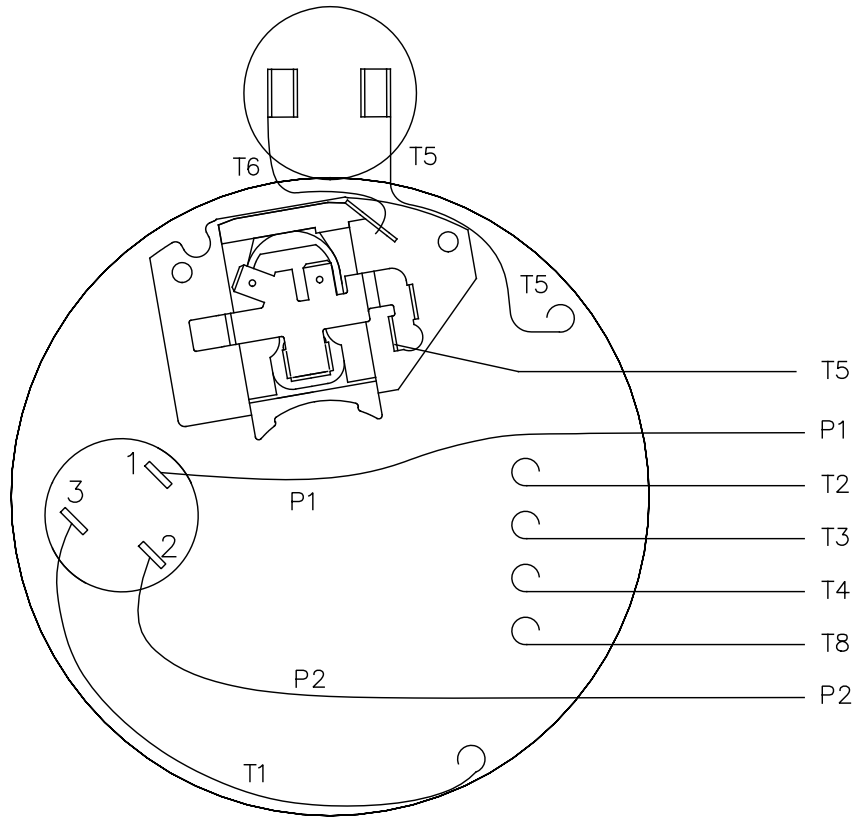
GASKETS THROUGHOUT

| | | | | | | | | | | |
|--|----------|-----------|-----|-----------------------------|--------|--|----------|------------------|-------------|------|
| | | | | TOLERANCES UNLESS SPECIFIED | |  ELECTRIC MOTORS GEARMOTORS AND DRIVES | | DRAWN PG 3/30/04 | | |
| | | | | DEC. | INCHES | | | CHK | | |
| | | | | .X | ±.1 | | | APPD | | |
| | | | | .XX | ±.03 | | | SCALE 1=2 | | |
| | | | | .XXX | ±.005 | | | REF 031619 | | |
| | | | | .XXXX | ±.0005 | MAT'L 1 PHASE | | FMF 102914.00 | | |
| NO. | REVISION | BY & DATE | CHK | ANG | ±1/2" | FINISH | STANDARD | PREV | | |
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| | | | | DIST | | | | A | 031767 | |

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Dealers Industrial Equipment -- Visit <https://DealersElectric.com> or call (908) 688-1966 for all of your electric motor & VFD needs!

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



| | 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™ 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 | FMF 100002 | | | |
| NO. | REVISION | BY & DATE | CHK | ANG | ±1/2" | PREV | | | |
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| | | | | DIST | | | A | 005003-52 | 02 |

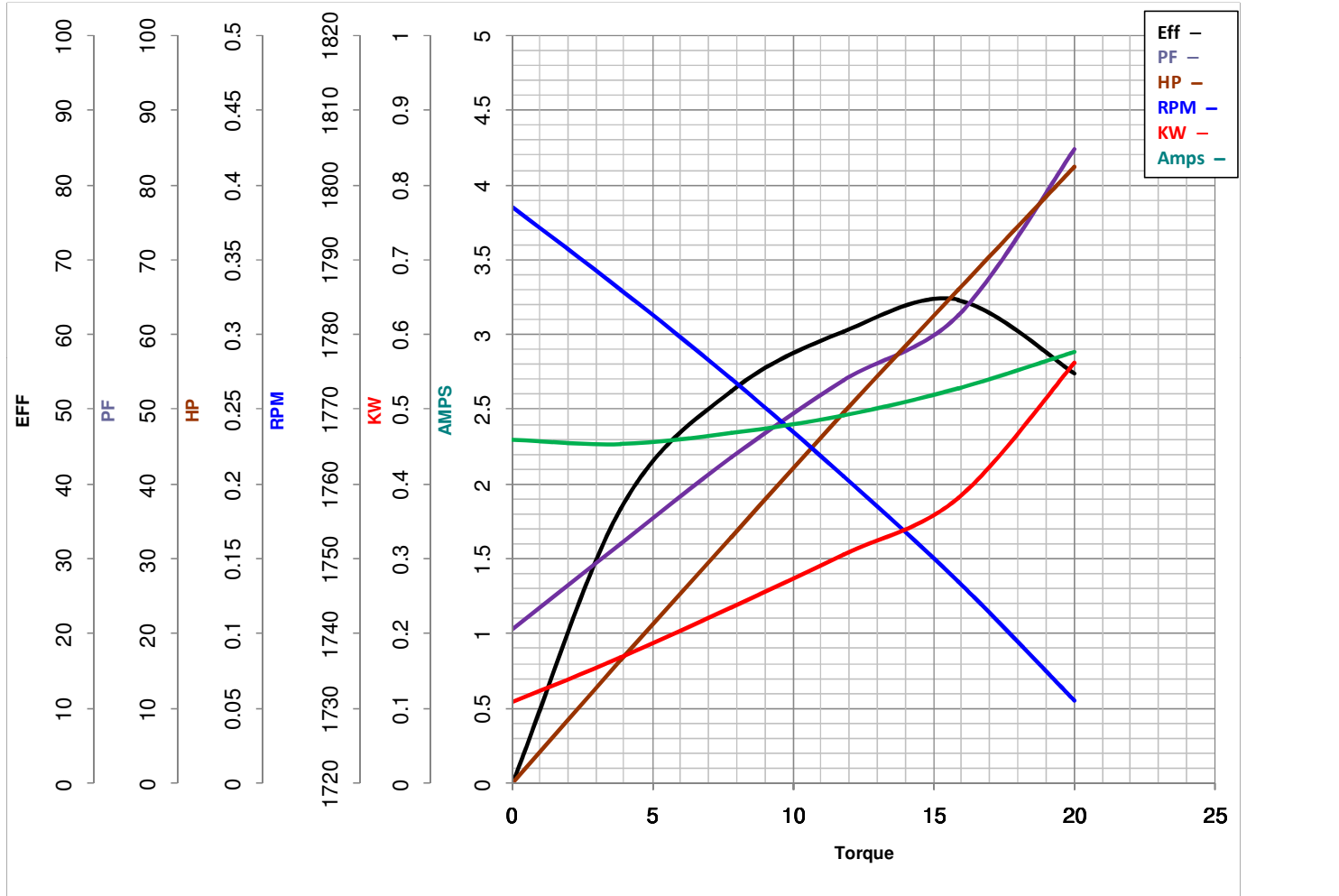


LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

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 | 4/11/2018 |