

PRODUCT INFORMATION PACKET



Model No: C215T17FB43CAA
Catalog No: 170140.00
10 HP 1800 230/460 TEFC 215T PREM EFF
Totally Enclosed Fan Cooled (TEFC)



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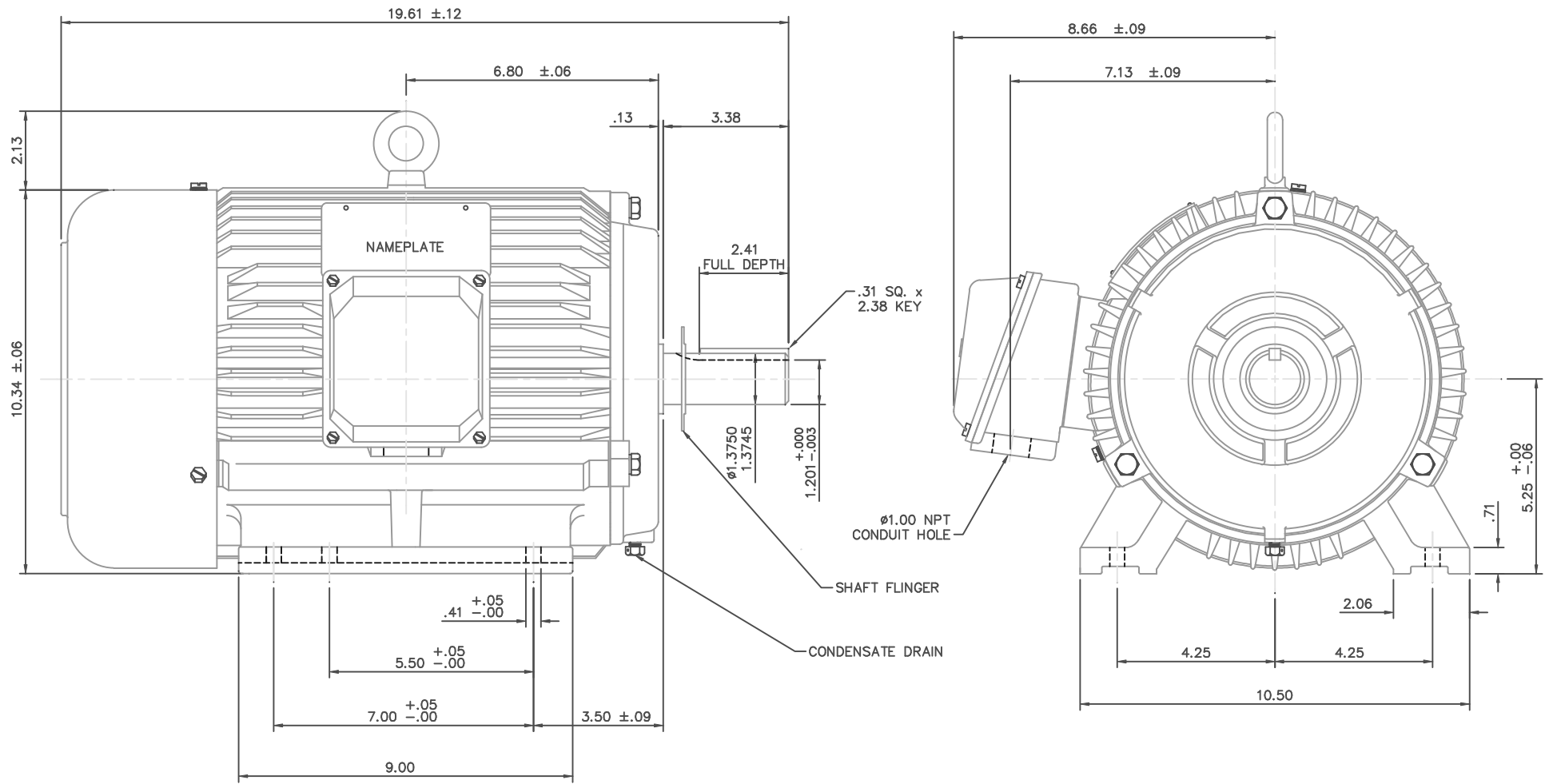
Nameplate Specifications

| | | | |
|----------------------------|------------------------------------|------------------------|----------------------|
| Output HP | 10 Hp | Output KW | 7.5 kW |
| Frequency | 60 Hz | Voltage | 208-230/460 V |
| Current | 27.0-25.0/12.5 A | Speed | 1763 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Efficiency | 91.7 % | Duty | Continuous |
| Insulation Class | F | Design Code | B |
| KVA Code | H | Frame | 215T |
| Enclosure | Totally Enclosed Fan Cooled | Overload Protector | No |
| Ambient Temperature | 40 °C | Drive End Bearing Size | 6308 |
| Opp Drive End Bearing Size | 6306 | UL | Recognized |
| CSA | Y | CE | Y |
| IP Code | 43 | | |

Technical Specifications

| | | | |
|-------------------|------------------------------------|-----------------------|------------------------|
| Electrical Type | Squirrel Cage Induction Run | Starting Method | Across The Line |
| Poles | 4 | Rotation | Reversible |
| Mounting | Rigid base | Motor Orientation | Horizontal |
| Drive End Bearing | Ball | Opp Drive End Bearing | Ball |
| Frame Material | Cast Iron | Shaft Type | T |
| Overall Length | 19.61 in | Shaft Diameter | 1.375 in |
| Shaft Extension | 3.38 in | Assembly/Box Mounting | F1/F2 CAPABLE |
| Outline Drawing | 16953660 | Connection Diagram | 00501001 |

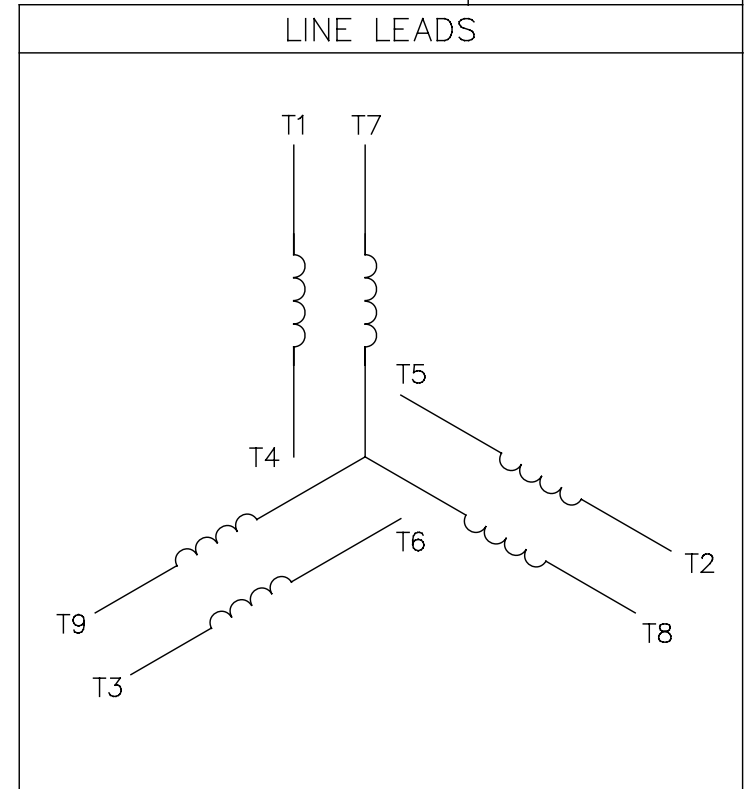
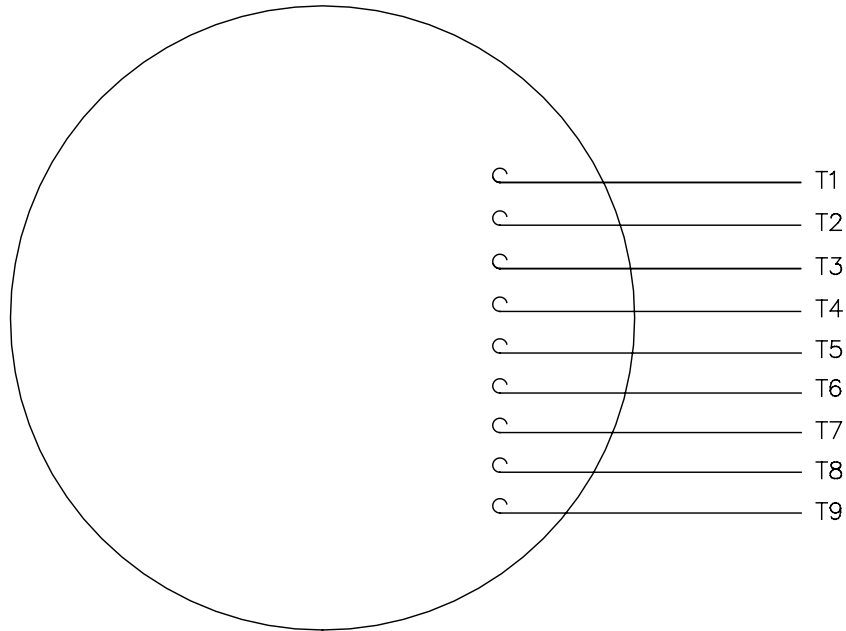
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| | | | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | LEESON ELECTRIC CORPORATION | | |
|--|----------------------------------|-------------|---------|---------------------------------------|--------|--------|-----------------------------|--|---------------------------------|
| | | | | DEC. | INCHES | METRIC | DRAWN DRZ 03/19/01 | | TITLE |
| | | | | .X | ±.1 | ±2.5 | APPR. | | OUTLINE - 215T FRAME |
| | | | | .XX | ±.03 | ±.76 | R.F.P. | | TEFC - RIGID MOUNT, NEW CON-BOX |
| 01 | REDRAWN TO CURRENT CAD STANDARDS | CJK 9/17/01 | | .XXX | ±.005 | ±.127 | SCALE 3=8 | | MAT'L. CAST IRON |
| NO. | REVISION | BY & DATE | CH'K'D. | .XXXX | ±.0005 | ±.0127 | REF. 169501 | | FINISH HEBEI |
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| | | | | ANGLES | ±1/2° | | FMF | | |

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



| VOLTAGE | L1 | L2 | L3 | JOIN & INSULATE |
|---------|-------|-------|-------|-------------------------------|
| HIGH | T1 | T2 | T3 | (T4,T7) (T5,T8) (T6,T9) |
| LOW | T1,T7 | T2,T8 | T3,T9 | T4,T5,T6 |

| | | | | | | | | | | |
|--|-----------------------|--------------|-----|--------------------------------|----------|---|-----------|--------------------|-------------|------|
| | | | | TOLERANCES UNLESS SPECIFIED | | REGAL ™ Regal Beloit America, Inc. | | DRAWN RDW 04/12/02 | | |
| | | | | DEC. | INCHES | | | CHK | | |
| | | | | .X | ±.1 | TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR | | APPD | | |
| | | | | .XX | ±.01 | | | SCALE 1=1 | | |
| | | | | .XXX | ±.005 | | | REF FIG.2-51 | | |
| A | UPDATED TO REGAL LOGO | SAJ 06/26/15 | AJY | .XXXX | ±.0005 | MAT'L DECAL - 004014 | | FMF | | |
| NO. | REVISION | BY & DATE | CHK | ANG | ±1/2" | FINISH | | PREV | | |
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| | | | | DIST | BRF-NLV | A | 005010-01 | A | | |