

PRODUCT INFORMATION PACKET



Model No: C42T17FZ15B

Catalog No: 096014.00

PE350...20:1.85/71RPM.20LBIN..33HP.42Y...AC GEARMOTORS SUB-
FHP.230/460V.3PH.60/50HZ.TEFC.34A

PE350 Series



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Nameplate Specifications

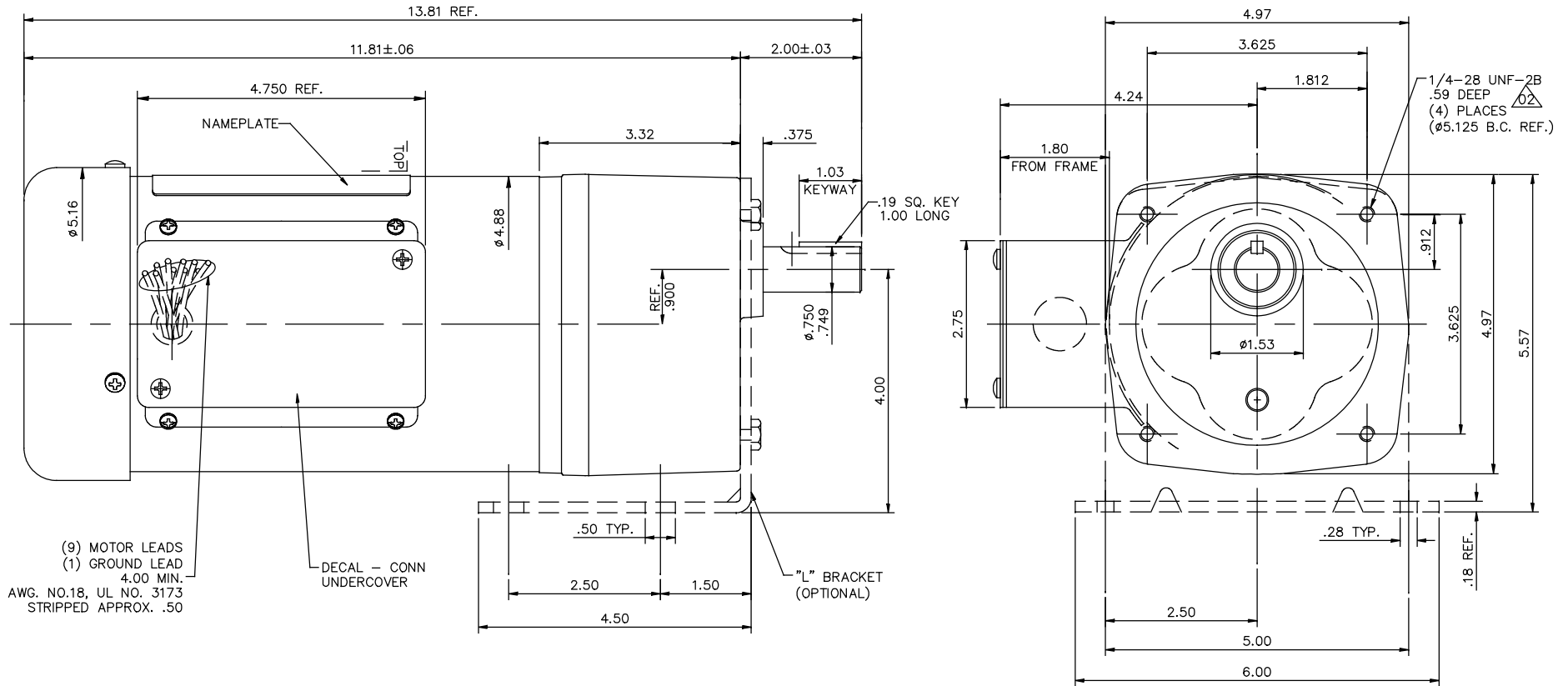
| | | | |
|----------------------------|-----------------------------|------------------------|------------|
| Output HP | 0.33 Hp | Output KW | 0.25 kW |
| Frequency | 60 Hz | Voltage | 230 V |
| Current | 1.6/0.80 A | Speed | 85 rpm |
| Service Factor | 1 | Phase | 3 |
| Duty | Continuous | Insulation Class | F |
| KVA Code | L | Frame | 42Y |
| Enclosure | Totally Enclosed Fan Cooled | Overload Protector | No |
| Ambient Temperature | 40 °C | Drive End Bearing Size | 6203 |
| Opp Drive End Bearing Size | 6201 | UL | Recognized |
| CSA | Y | CE | N |

Technical Specifications

| | | | |
|-----------------|---------------|--------------------|-----------|
| Rotation | Reversible | Mounting | Special |
| Shaft Type | Parallel | Overall Length | 13.81 in |
| Frame Length | 6.75 in | Shaft Diameter | 0.750 in |
| Shaft Extension | 1.625 in | | |
| Outline Drawing | 027696-096014 | Connection Diagram | 005010.01 |

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027696



(9) MOTOR LEADS
(1) GROUND LEAD
4.00 MIN.
AWG. NO.18, UL NO. 3173
STRIPPED APPROX. .50

DECAL - CONN UNDERCOVER

"L" BRACKET (OPTIONAL)

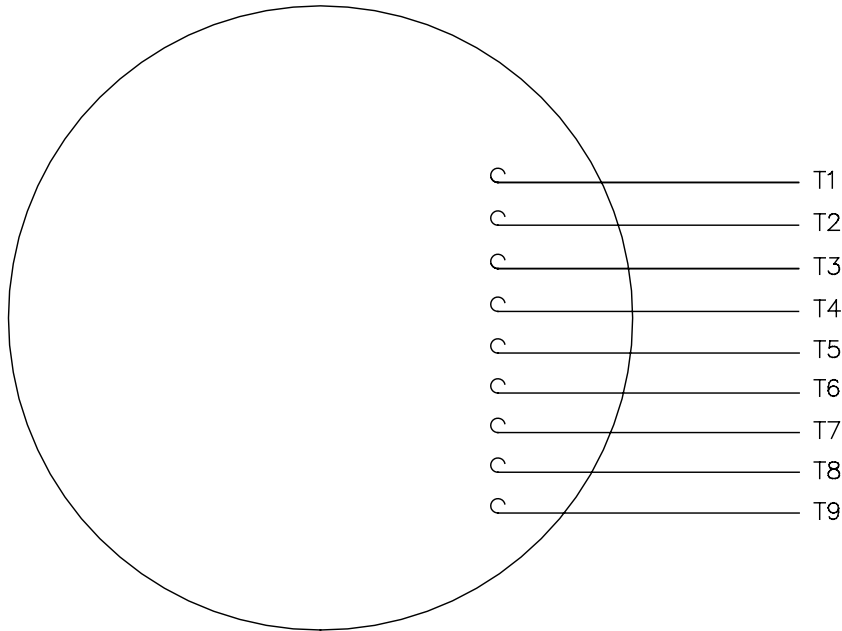
| CATALOG NUMBER | OUTPUT RPM | FULL LOAD TORQUE LB.-IN. | INPUT HP | OVERHUNG LOAD LBS. | RATIO TO 1 |
|----------------|------------|--------------------------|----------|--------------------|------------|
| 096013.00 | 58 | 320 | 1/3 | 300 | 30 |
| 096014.00 | 85 | 218 | 1/3 | 300 | 20 |
| 096015.00 | 173 | 109 | 1/3 | 300 | 10 |
| 096016.00 | 345 | 55 | 1/3 | 300 | 5 |

NOTE: WHEN USING MOUNTING BRACKET OHL MUST NOT EXCEED 200 LBS.

| TOLERANCES UNLESS SPECIFIED | | DEC. INCHES | | TITLE | DRAWN DWF 9/16/97 |
|--|--------------------------------------|-------------|---------|----------|-------------------|
| .X | ±.1 | .XX | ±.03 | | |
| .02 | ±.005 | .XXX | ±.005 | APPD | SCALE 5=8 |
| 01 | ADDED NOTE "DECAL - CONN UNDERCOVER" | MGM | 4/23/03 | MAT'L | REF 027689 |
| NO. | REVISION | BY & DATE | CHK | FINISH | FMF 096013 |
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| | | | | CAD FILE | 027696 |
| | | | | SIZE | DRAWING NO. |
| | | | | B | 027696 |
| | | | | DIST | REV. |
| | | | | | 02 |

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 Beloit America, Inc. | | DRAWN RDW 04/12/02 | | |
| | | | | DEC. | INCHES | | | CHK | | |
| | | | | .X | ±.1 | | | APPD | | |
| | | | | .XX | ±.01 | TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR | | 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 | | | | | |