

PRODUCT INFORMATION PACKET

Model No: 5K49KN2150X

Catalog No: K1413

1.5 HP Fan and Blower HVAC/R Motor, 3 phase, 3600 RPM, 208-230/460 V, 56H Frame, ODP
Self Cooled Motors



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REGAL

Nameplate Specifications

| | | | |
|------------------------|----------------------|----------------------------|----------------------|
| Output HP | 1.50 Hp | Output KW | 1.1 kW |
| Frequency | 60 Hz | Voltage | 208-230/460 V |
| Current | 5.0-4.8,2.4 A | Speed | 3450 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Efficiency | 72 % | Power Factor | 0 |
| Duty | Continuous | Insulation Class | B |
| Design Code | B | KVA Code | K |
| Frame | 56H | Enclosure | Drip Proof |
| Thermal Protection | AUTO | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 6203 | Opp Drive End Bearing Size | 6203 |
| UL | Recognized | CSA | Yes |
| CE | N | | |

Technical Specifications

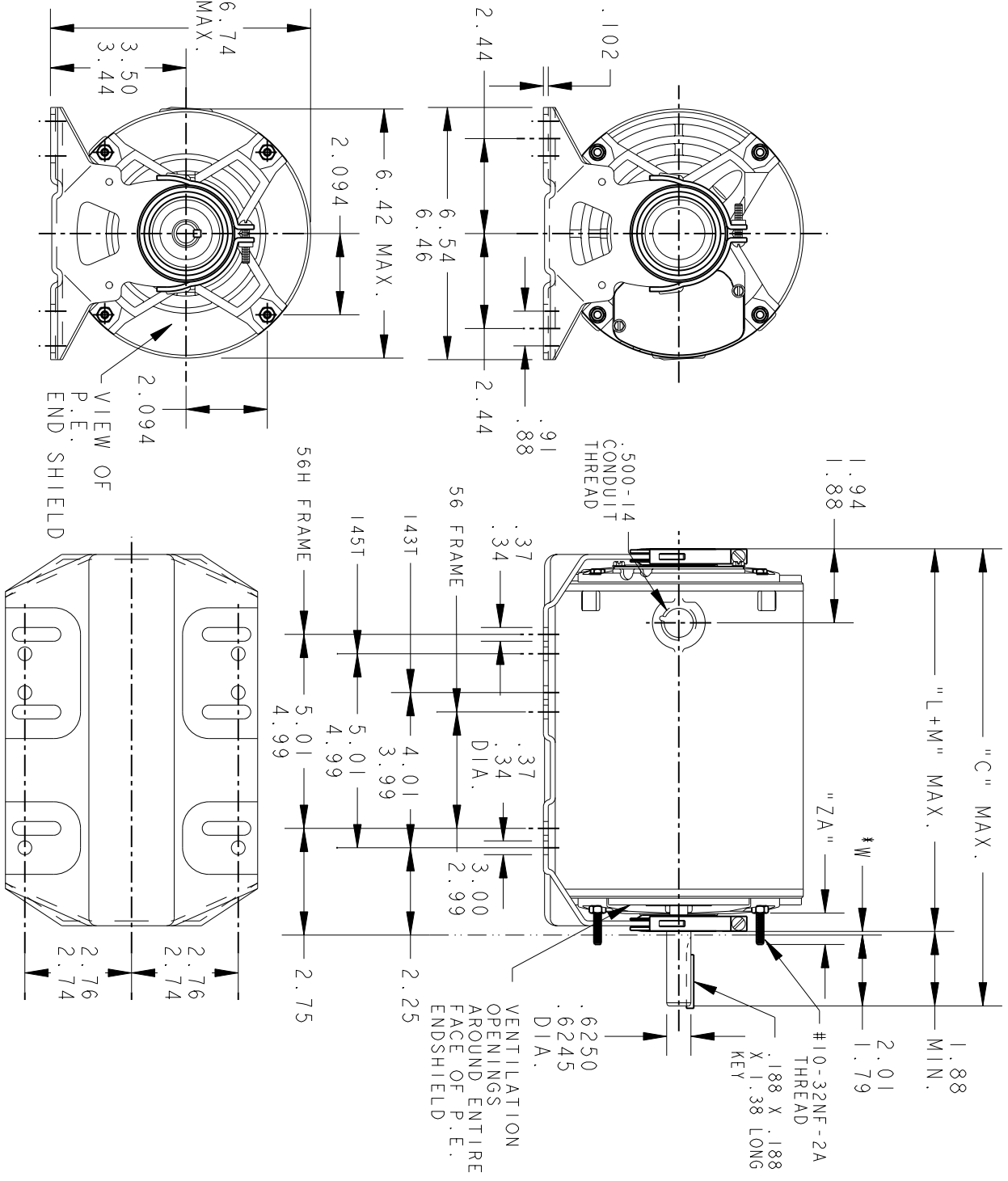
| | | | |
|--------------------|-----------------------|-----------------------|-----------------------------------|
| Electrical Type | Three Phase | Starting Method | N/R |
| Poles | 2 | Rotation | Counterclockwise/Clockwise |
| Mounting | Resilient Base | Motor Orientation | ANY |
| Drive End Bearing | BALL | Opp Drive End Bearing | Ball |
| Frame Material | Rolled Steel | Overall Length | 12.01 in |
| Frame Length | 7.68 in | Shaft Diameter | 0.630 in |
| Shaft Extension | 1.88 in | Thru-bolts Extension | 0 in |
| Connection Drawing | 113A423 | Outline Drawing | 52A109604P2 |

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THIRD ANGLE PROJECTION



| REVISIONS | | DESCRIPTION | DATE | APPROVED |
|-----------|--|----------------------------------|----------|----------|
| 1 | | ADDED P2 | 03/29/94 | M.A.M. |
| 2 | | CHG TO RBC FORMAT PER ISO5-11777 | 03/21/06 | SUDHA |



| 2 | 1 | P |
|-------|-------|------------|
| K-KH | K-KH | TYPE |
| 49 | 48 | GE SIZE |
| 56H | 56H | NEMA FR |
| 12.01 | 12.76 | C |
| 10.01 | 10.76 | L+M |
| 7.68 | 8.43 | SHELL MIN. |
| .62 | .62 | Z A |

*W IS A VARIABLE CLEARANCE DUE TO VARIATIONS IN PARTS AND ASSEMBLY

REGAL-BELOIT CORPORATION

OUTLINE

GENERAL PURPOSE MOTOR - DRIP PROOF - BALL BEARING RESILIENT BASE - EXTENDED CLAMP SCREWS

| SIGNATURES | | DATE |
|-------------------------------|------------------------|----------|
| MODEL | M.A. MARKS | 03/29/94 |
| DETAIL | | |
| CHECKED | | |
| ENGRG | | |
| MFG | | |
| QUALITY | | |
| ISSUED | M.A. MARKS | 03/29/94 |
| FOR ADDITIONAL INFO REFER TO: | | |
| APPLIED PRACTICES | | |
| DIMENSIONS ARE IN INCHES | | |
| MATERIAL | SOLID MODEL: 52A109604 | |

SCALE: 0.250 REF. No. .

SIZE DRAWING A

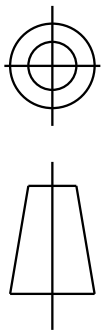
REV 2

SHEET 1 of 1

REVISIONS

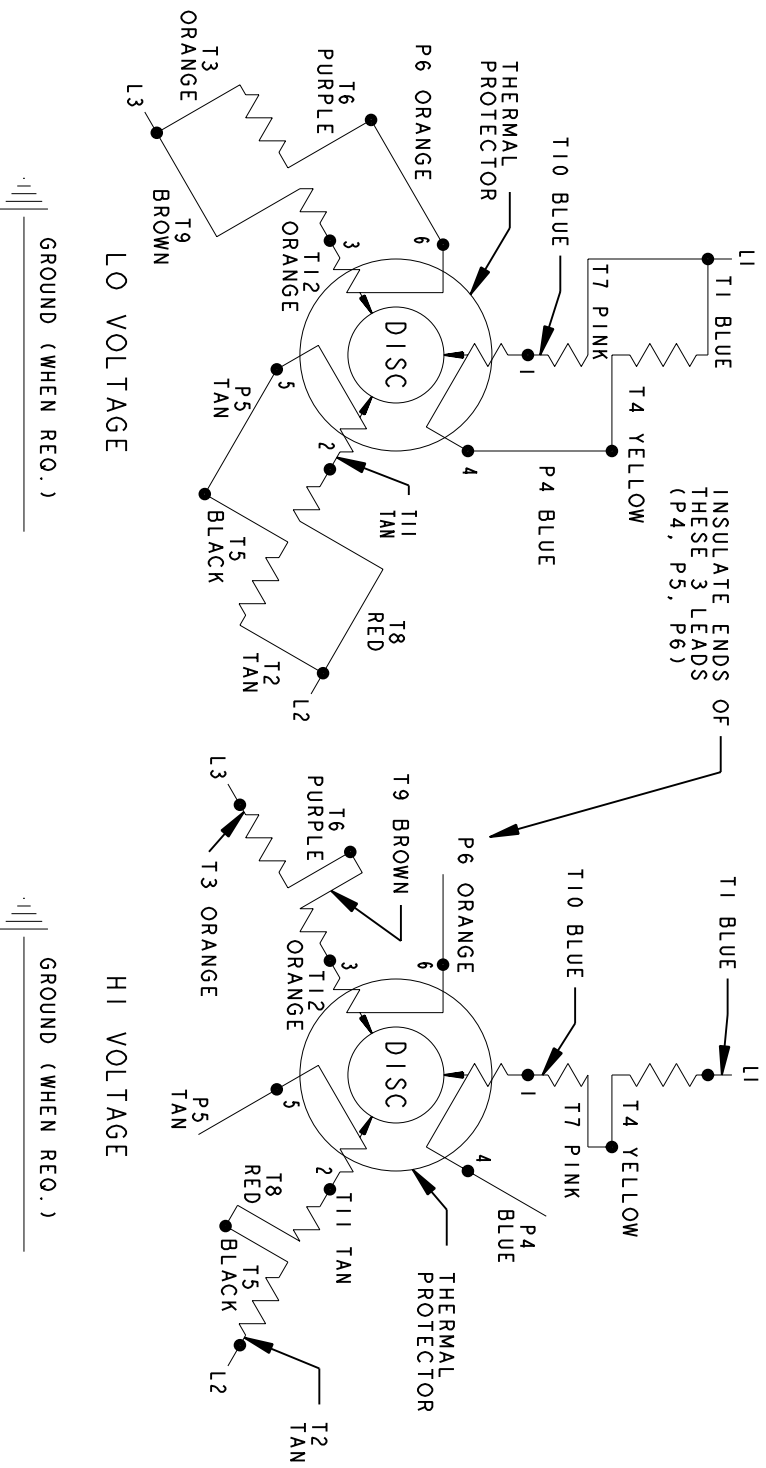
| REV. | DESCRIPTION | DATE | APPROVED |
|------|-----------------------------------|----------|----------|
| 7 | LO VOLTAGE: "T8 RED" WAS "T3 RED" | 09/25/92 | BLJ |
| 8 | LABEL WAS 185178 | 04/04/95 | M.A.M. |
| 9 | CHG TO RBC FORMAT PER IS05-1777 | 06/13/06 | SUDHA |

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THIRD ANGLE PROJECTION

TYPE K - DUAL VOLTAGE - THREE PHASE -
I2 LEAD WDG. - I2 LEADS OUT - THERMAL PROTECTION



NOTE #1 - TO REVERSE ROTATION, INTERCHANGE THE EXTERNAL CONNECTIONS TO ANY TWO LINE LEADS.

LABEL - NP185178AA

| FOR ADDITIONAL INFO REFER TO: | | |
|-------------------------------|----------------------|----------|
| APPLIED PRACTICES | SIGNATURES | DATE |
| DIMENSIONS ARE IN INCHES | MODEL G.A.HILLSMIER | 01/05/96 |
| TOLERANCE ON: | DETAIL | |
| 1 PL DECIMALS ± 0.1 | CHECKED | |
| 2 PL DECIMALS ± 0.02 | ENGRG | |
| 3 PL DECIMALS ± 0.005 | MF/G | |
| ANGLES ± 1.0 | QUALITY | |
| FRACTIONS ± | ISSUED | 05/12/92 |
| FINISH | SOLID MODEL: 113A423 | |

REGAL-BELOIT CORPORATION

DIAGRAM - CONNECTION

TYPE K MOTORS

| | | | |
|-----------------|--------------|-----------|--------------|
| SIZE: DRAWING A | SCALE: 1.000 | REF. No.: | SHEET 1 of 1 |
| REV 9 | | 113A423 | |