

PRODUCT INFORMATION PACKET



Model No: 3490

Catalog No: 3490

Fan and Blower Motor, 1/2-1/3 HP, 1 Ph, 60 Hz, 460 V, 1625 RPM, 2 Speed, 48 Frame, OAO



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Nameplate Specifications

| | | | |
|--------------------|---------------------|---------------------|---------------|
| Output HP | 1/2-1/3 Hp | Output KW | 0.37 kW |
| Frequency | 60 Hz | Voltage | 460 V |
| Current | 1.70 A | Speed | 1625 rpm |
| Service Factor | 1 | Phase | 1 |
| Duty | Continuous Air Over | Insulation Class | B |
| Frame | 48 | Enclosure | Open Air Over |
| Thermal Protection | Thermally Protected | Ambient Temperature | 40 °C |
| UL | Recognized | CSA | Y |
| CE | N | Number of Speeds | 2 |

Technical Specifications

| | | | |
|-----------------------|---------------------------|----------------------|----------------|
| Electrical Type | Permanent Split Capacitor | Poles | 4 |
| Rotation | Reversible | Mounting | Round |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | Double Flat | Overall Length | 12.14 in |
| Frame Length | 4.82 in | Shaft Diameter | 0.500 in |
| Shaft Extension | 6.00 in | Thru-bolts Extension | 0.75 in |
| Connection Drawing | NP24X327715 | Outline Drawing | 5KCP39NGC522ES |

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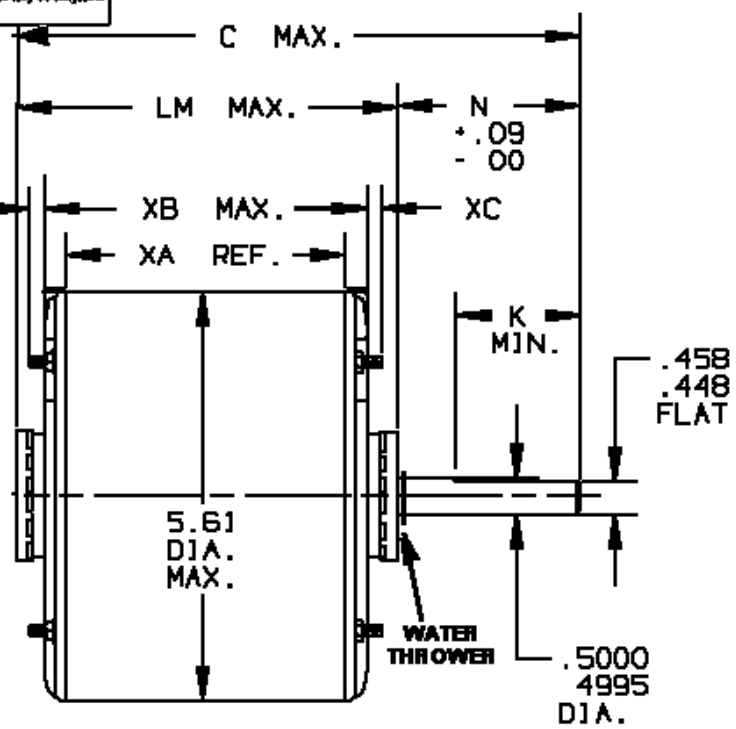
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| REVISIONS | |
|-----------|------------------------------|
| REV | DESCRIPTION |
| 1 | CAS 4/5/89 ELECTRONIC FORMAT |
| 2 | LOGO MODIFIED IS 05:1777 JS |

MODEL

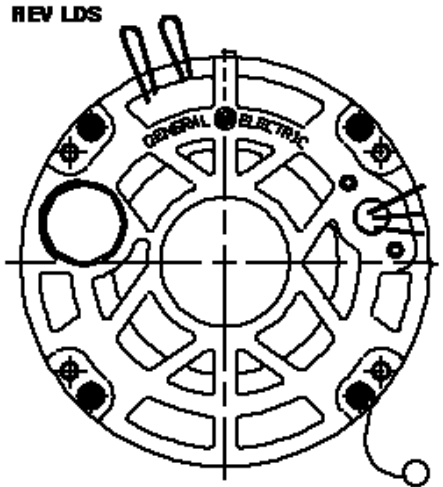
STOCK

VIEW
 ROTATION



LEAD END

REV LDS



Additional details
 (Viewing Lead end)

Rotation *ccw* viewed in direction of arrow.

Ventilation System:

Shell vents - CLOSED

End shield (opp. lead end) OPEN

End shield (lead end) - OPEN

Leads exit thru SEE ABOVE degrees CW from top of motor viewed in direction of arrow.

2 FLATS
 90 DEG APART

| | | | | | | | |
|-------|------|------|------|------|------|-----|----|
| 12.38 | 6.00 | 5.50 | 6.31 | 4.82 | 5.48 | .75 | - |
| C | N | K | LM | XA | XB | XC | XD |



REGAL-BELOIT CORPORATION
 FORT WAYNE, INDIANA

MOTOR OUTLINE

5KCP39NGC522ES

ISSUED
 HAW 3/12/81

SCALE
 NO

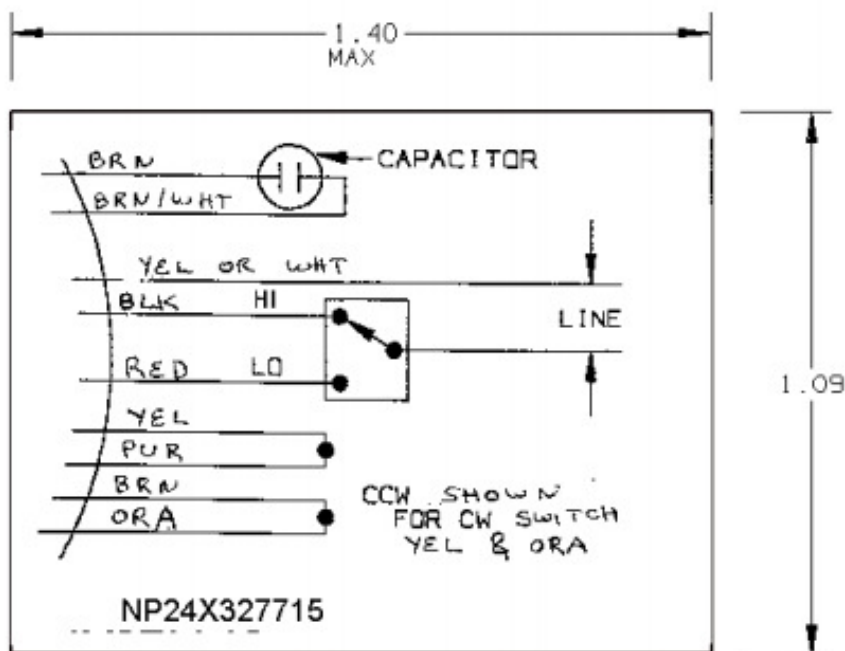
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REVISIONS

| REV | DESCRIPTION |
|-----|-----------------------------------|
| 1 | Convert to RBC Format JAR 10 2005 |




TYPE FACE: COLORS OR NUMBERS DENOTING LEAD IDENTIFICATION AND N.P. NUMBER ARE TO BE 18 POINT NEWS GOTHIC CONDENSED. OTHER INFORMATION SHOULD BE 18 POINT IF SPACE ALLOWS, OTHERWISE USE 14 POINT.

MATERIALS: 4 MIL WHITE VINYL ADHESIVE STOCK GE SPEC A50FG41-S1

BLACK INK GE SPEC A50FM48

NOTE: THE BOX LINES AND DIMENSIONS REPRESENT THE SIZE OF THE TAPE TO BE USED. DO NOT INCLUDE THESE IN STAMP FORMAT.

| | | | | |
|---|-------|-------------|----------------------------|-------------|
|  REGAL-BELOIT CORPORATION | | | | |
| CONNECTION DIAGRAM | | | | |
| FILE: | DPC # | NP24X327715 | ISSUED CAS 11/94 | SCALE NO |