

# PRODUCT INFORMATION PACKET



Model No: H887L

Catalog No: H887L

General Purpose Motor, 3.0 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 56HZ Frame, ODP



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### Nameplate Specifications

|                     |                     |                |                 |
|---------------------|---------------------|----------------|-----------------|
| Phase               | 3                   | Output HP      | 3.0 Hp          |
| Output KW           | 2.2 kW              | Voltage        | 230/460 V       |
| Speed               | 1750 rpm            | Service Factor | 1               |
| Frame               | 56HZ                | Enclosure      | Open Drip Proof |
| Thermal Protection  | Thermally Protected | Efficiency     | 78.5 %          |
| Ambient Temperature | 40 °C               | Frequency      | 60 Hz           |
| Current             | 9/4.5 A             | Duty           | Continuous      |
| Insulation Class    | F                   | UL             | Recognized      |
| CSA                 | Y                   | CE             | N               |
| Number of Speeds    | 1                   |                |                 |

### Technical Specifications

|                       |                                                   |                    |                             |
|-----------------------|---------------------------------------------------|--------------------|-----------------------------|
| Electrical Type       | Polyphase, Induction Type, Single Or Dual Voltage | Starting Method    | Across The Line             |
| Poles                 | 4                                                 | Rotation           | Reversible Counterclockwise |
| Mounting              | Rigid Base                                        | Drive End Bearing  | Ball                        |
| Opp Drive End Bearing | Ball                                              | Frame Material     | Rolled Steel                |
| Shaft Type            | Keyed                                             | Overall Length     | 14.56 in                    |
| Frame Length          | 8.75 in                                           | Shaft Diameter     | 0.875 in                    |
| Shaft Extension       | 2.31 in                                           |                    |                             |
| Outline Drawing       | H887L-S01                                         | Connection Drawing | D0000542-001                |

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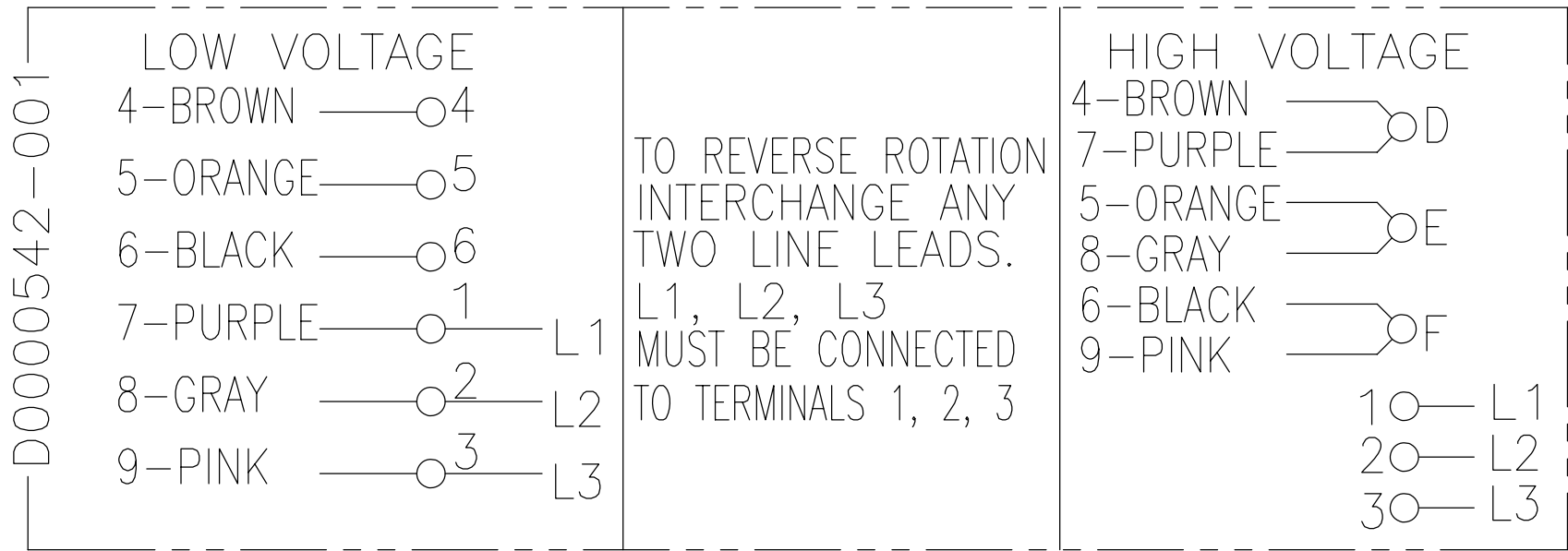
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- NOTES:
- 1. DOTTED BOX REPRESENTS TOTAL PRINTED AREA ALLOWED FOR CONNECTION DIAGRAM TO FIT IN (2.13 X .75) [(541.0 X 19.1)]. SEE NAMEPLATE DRAWING 170500 OR 170501 FOR LOCATION.
  - 2. CHARACTERS ARE TO BE A MINIMUM OF .03[.8] TO .06[1.5] MAXIMUM IN HEIGHT.
  - 3. DETAIL ARE NOT TO BE COPIED FROM DRAWING, BUT ARE TO BE REPRODUCED FROM ORIGINAL ARTWORK FURNISHED.

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------|------------------------|------------|
| DRAWING REVISION<br>A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | REVISION BY<br>J.AGUILERA   | DATE<br>08-05-2014 | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED<br>DEC. INCH mm ANGLE<br>.X ±0.1 [±2.5] ±0.5°<br>.XX ±0.02 [±0.51]<br>.XXX ±0.005 [±0.127]<br>.XXXX ±0.0005 [±0.0127]<br>REMOVE BURRS & BREAK SHARP<br>EDGES .003/.015 [.076/.381]<br>CORNER FILLETS .02 [.51]<br>MACHINED SURFACES<br>INCH <sup>125</sup> mm <sup>3.2</sup><br>mm SHOWN IN [BRACKETS] | DRAWN BY:<br>J.AGUILERA      | <div><div>REGAL™</div><div>Regal Beloit America, Inc.</div></div> |                        |            |
| ECO<br>0054605                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | APPROVED BY<br>D.VALENCIANO | DATE<br>08-05-2014 |                                                                                                                                                                                                                                                                                                                                                 | DATE:<br>08-05-2014          |                                                                   |                        |            |
| ECO DESCRIPTION<br>CHANGE CONN DIAGRAM-NAMEPLATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |                    |                                                                                                                                                                                                                                                                                                                                                 | APPROVED BY:<br>D.VALENCIANO | DESCRIPTION<br>CONN DIAGRAM-NAMEPLATE                             |                        |            |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                    |                                                                                                                                                                                                                                                                                                                                                 | REFERENCE                    | MATERIAL                                                          | PROCESS/FINISH         |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                    |                                                                                                                                                                                                                                                                                                                                                 | THIRD ANGLE<br>PROJECTION    | SIZE<br>B                                                         | DWG NO<br>D0000542-001 | SHEET<br>1 |

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