

# PRODUCT INFORMATION PACKET



Model No: 5KCR49UN0106Y

Catalog No: EG282

General Purpose Motor, 1 HP, 1 Ph, 60/50 Hz, 100-120/200-240 V, 56C Frame, TEFC

Operational at 100-120/200-240 V @60HZ



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### Nameplate Specifications

|                        |               |                            |                             |
|------------------------|---------------|----------------------------|-----------------------------|
| Phase                  | 1             | Output HP                  | 1 Hp                        |
| Output KW              | 0.75 kW       | Voltage                    | 100-120/200-240 V           |
| Speed                  | 1725/1425 rpm | Service Factor             | 1.15                        |
| Frame                  | 56C           | Enclosure                  | Totally Enclosed Fan Cooled |
| Thermal Protection     | Manual        | Ambient Temperature        | 40 °C                       |
| Frequency              | 60/50 Hz      | Current                    | 11.8-11.4/5.9-5.7 A         |
| Power Factor           | 0             | Duty                       | Continuous                  |
| Insulation Class       | B             | KVA Code                   | L                           |
| Drive End Bearing Size | 6203          | Opp Drive End Bearing Size | 6203                        |
| UL                     | Recognized    | CSA                        | Y                           |
| CE                     | N             |                            |                             |

### Technical Specifications

|                       |                               |                    |                            |
|-----------------------|-------------------------------|--------------------|----------------------------|
| Electrical Type       | Capacitor Start Capacitor Run | Starting Method    | Across The Line            |
| Poles                 | 4                             | Rotation           | Counterclockwise/Clockwise |
| Motor Orientation     | Any                           | Drive End Bearing  | Ball                       |
| Opp Drive End Bearing | Ball                          | Frame Material     | Rolled Steel               |
| Shaft Type            | NEMA 56C                      | Shaft Diameter     | 0.625 in                   |
| Outline Drawing       | 52A107739P3                   | Connection Drawing | 52A105383BA                |

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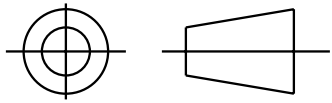
SHEET 1

REV 7

52A105383BA

SIZE DRAWING NO.

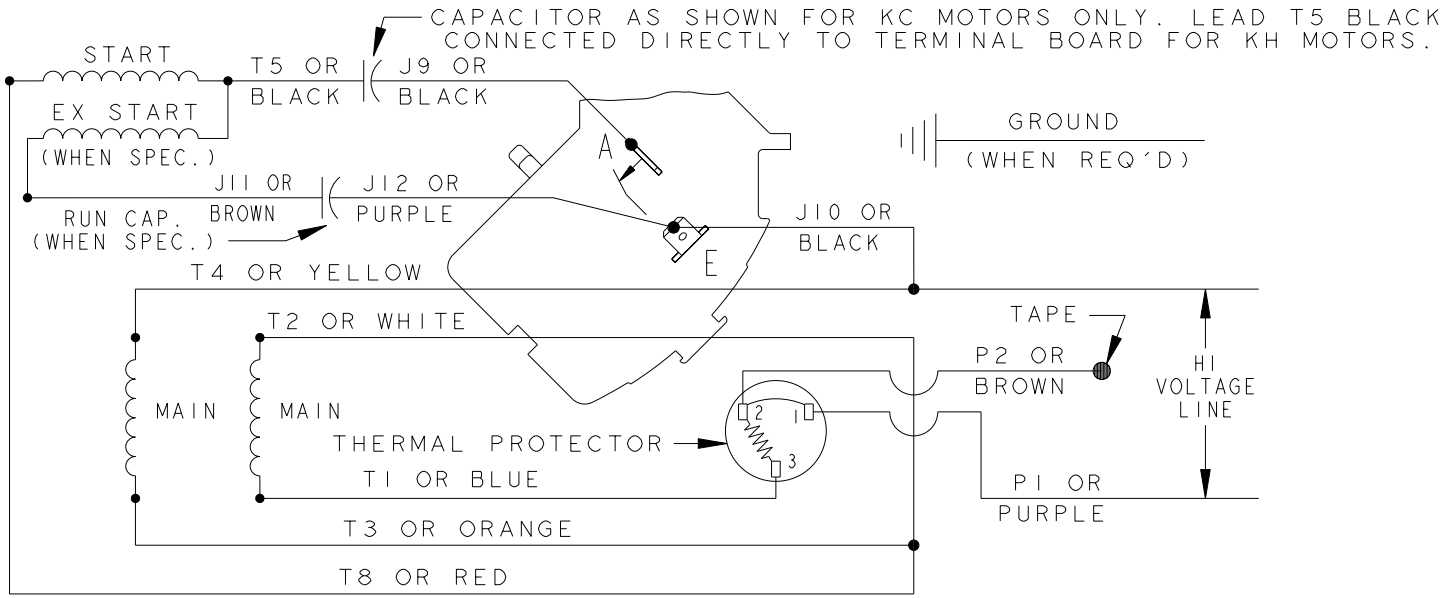
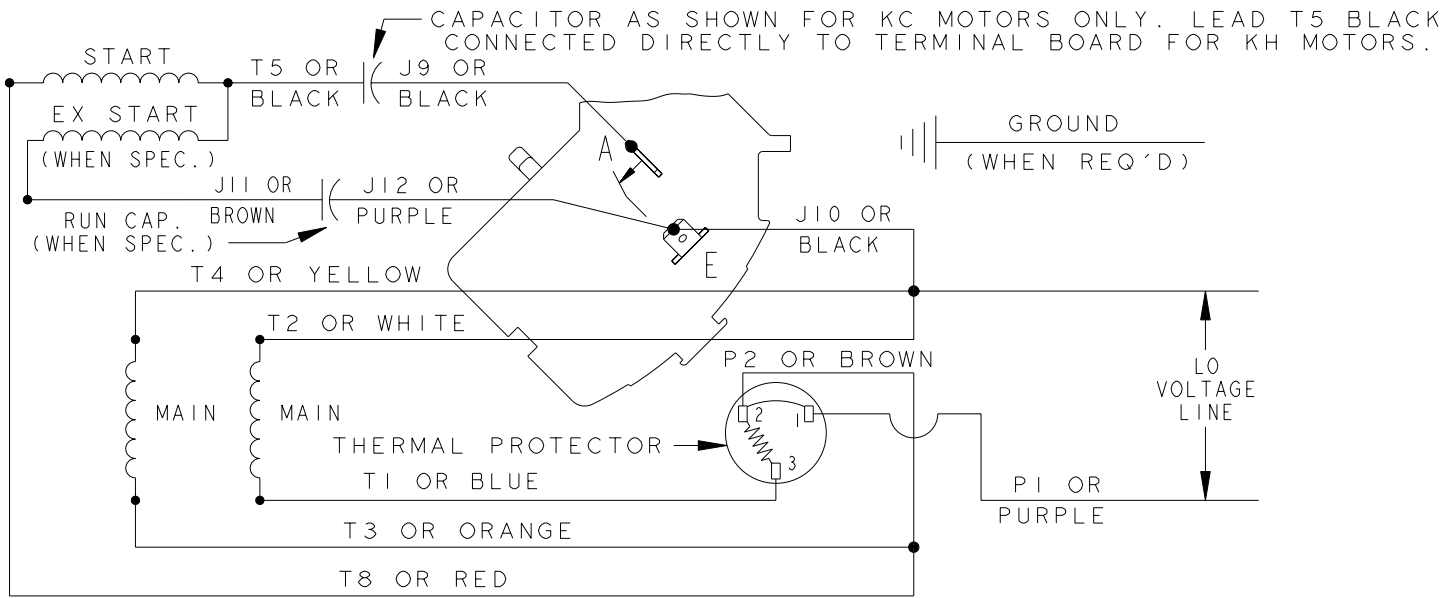
THIRD ANGLE PROJECTION



REVISIONS

| REV. | DESCRIPTION    | DATE     | APPROVED |
|------|----------------|----------|----------|
| 7    | UPDATED FORMAT | 01/05/06 | MAM      |

CCW/CW ROTATION - DUAL VOLTAGE  
TYPE KC , KH OR KCR - WITH THERMAL PROTECTOR



NOTE#1 - TO REVERSE ROTATION, INTERCHANGE T8 RED AND J10 BLACK LEADS.  
 NOTE#2 - WHEN MORE THAN ONE CAPACITOR IS USED, CONNECT IN PARALLEL.  
 NOTE#3 - 115D958ABP5 - HIGH CURRENT CONTACTS.

SWITCH (C) - 115D958ABP5, SWITCH (H) - 115D958AA (USE 115D958DA FOR EP)

REF. DIAG. - 113A327, 119A9352 & 52A102102 CONNECTION LABEL - 52X332912

|  |              |          |   |   |                   |                         |
|--|--------------|----------|---|---|-------------------|-------------------------|
| FOR ADDITIONAL INFO REFER TO:<br>APPLIED PRACTICES<br>DIMENSIONS ARE IN INCHES ✓<br>MATERIAL | SIGNATURES   | DATE     | <p>REGAL-BELOIT CORPORATION</p> <p>TITLE<br/><b>CONNECTION DIAGRAM</b></p> <p>FMF: 30 FRAME SWITCH REDESIGN</p> | <p>SIZE DRAWING<br/>A</p> <p>SCALE: 1.000</p> | <p>REF. No: .</p> | <p>REV<br/><b>7</b></p> |
|  | MODEL M.D.P. | 06/29/87 |   |   |                   |                         |
|  | DETAIL       | .        |   |   |                   |                         |
|  | CHECKED      | .        |   |   |                   |                         |
|  | ENGRG        | .        |   |   |                   |                         |
| MFG  | .            |          | <p>52A105383BA</p>  | <p>SHEET 1 of 1</p>                           |                   |                         |
| QUALITY  | .            |          |   |   |                   |                         |
| ISSUED M.D.P.  | 12/11/97     |          |   |   |                   |                         |

