

PRODUCT INFORMATION PACKET

Model No: K205CM2

Catalog No: K205CM2

General Purpose Farm Duty Motor, 3 HP, 1 Ph, 60 Hz, 230 V, 1800 RPM, 188TC Frame, TEFC



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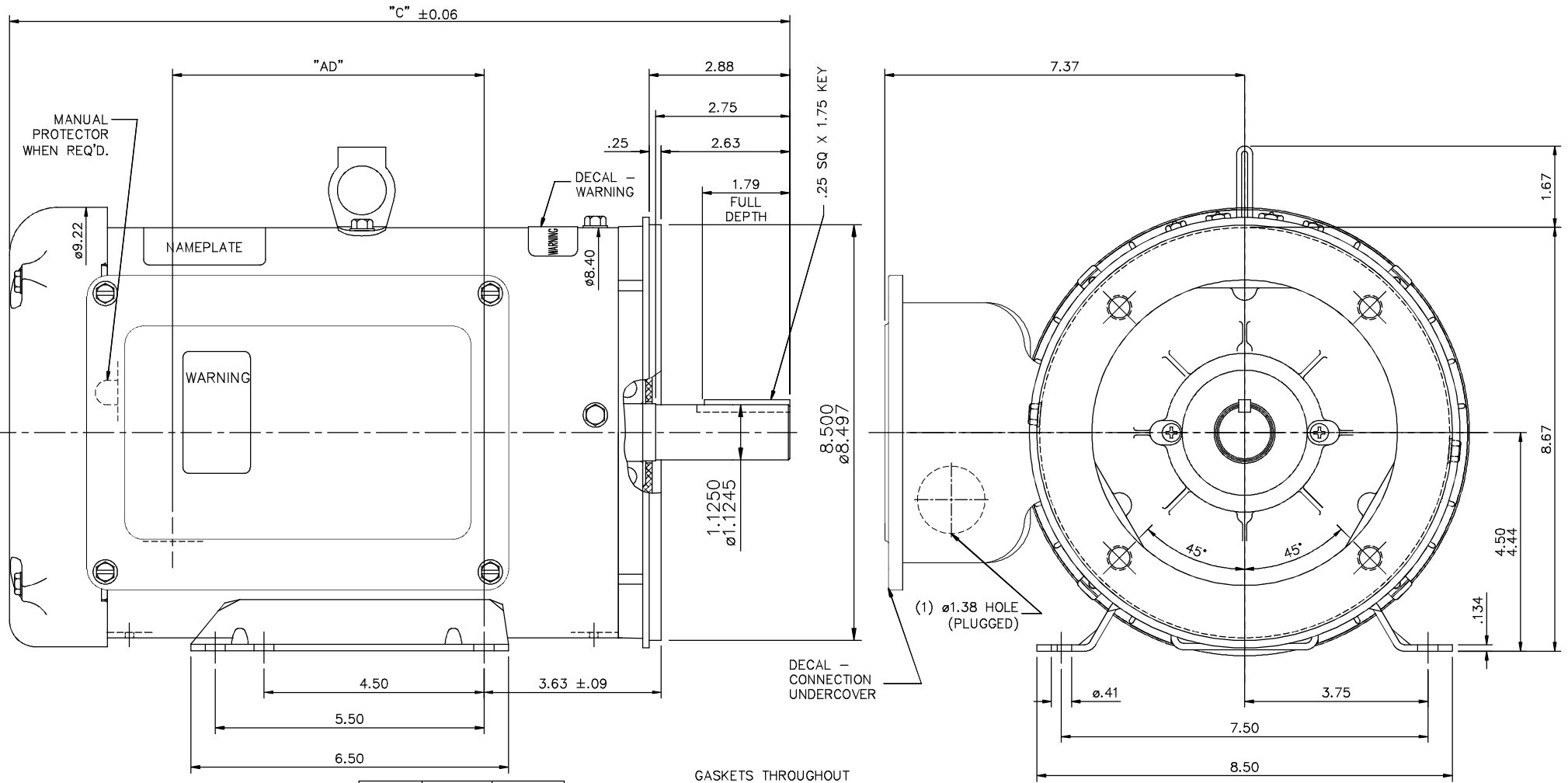
Nameplate Specifications

| | | | |
|--------------------|------------|---------------------|-----------------------------|
| Output HP | 3 Hp | Output KW | 2.2 kW |
| Frequency | 60 Hz | Voltage | 230 V |
| Current | 13 A | Speed | 1770 rpm |
| Service Factor | 1.15 | Phase | 1 |
| Duty | Continuous | Insulation Class | F |
| Frame | 188TC | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | Manual | Ambient Temperature | 40 °C |
| UL | Recognized | CSA | Y |
| CE | Y | Number of Speeds | 1 |

Technical Specifications


| | | | |
|-----------------------|-------------------------------|--------------------|------------------|
| Electrical Type | Capacitor Start Capacitor Run | Starting Method | Across The Line |
| Poles | 4 | Rotation | Counterclockwise |
| Mounting | Rigid Base | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | Keyed | Overall Length | 15.46 in |
| Frame Length | 10.00 in | Shaft Diameter | 1.125 in |
| Shaft Extension | 2.75 in | | |
| Outline Drawing | 035910CY | Connection Drawing | 005056.03CY |

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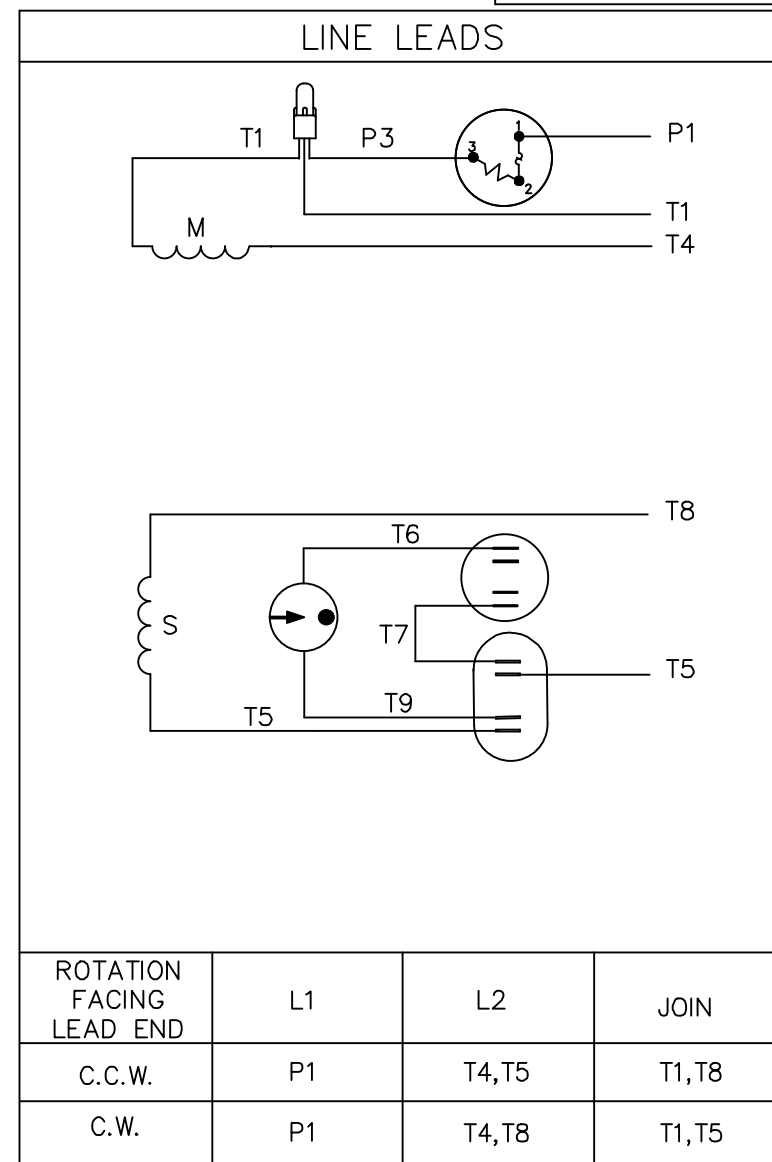
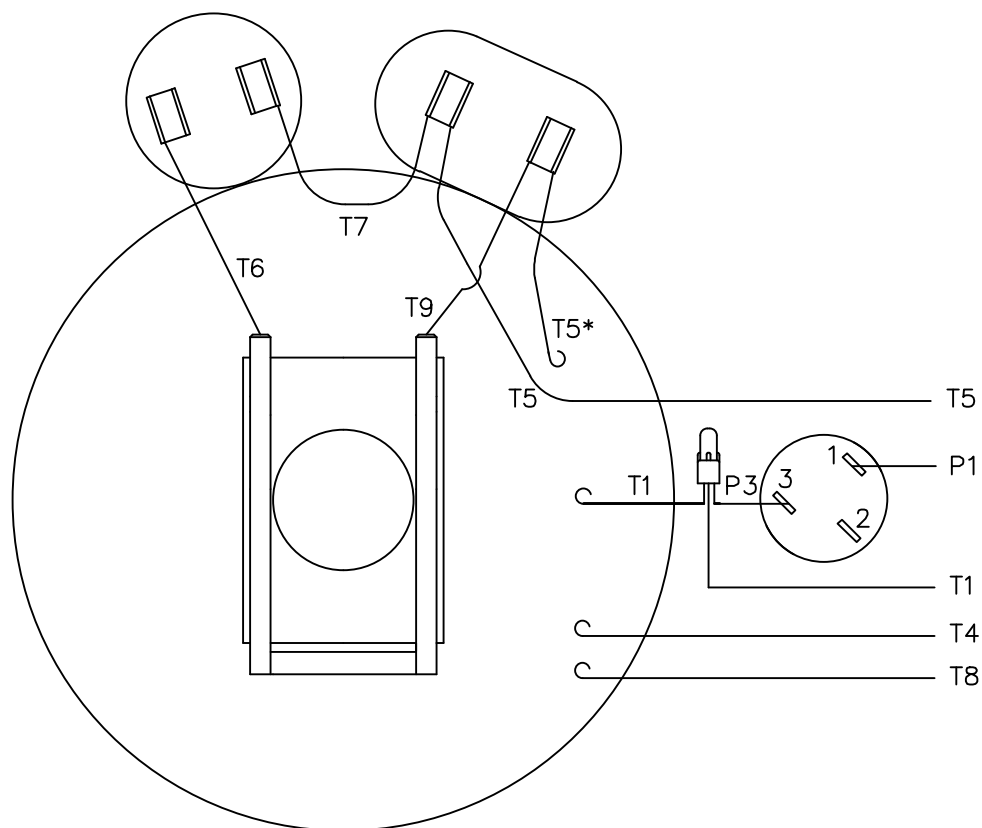
MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
 MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
 PERMISSIBLE SHAFT RUNOUT TO BE .004 T.I.R.

| DASH NO. | "C" | "AD" |
|----------|-------|------|
| 1000 | 15.46 | 6.62 |
| 1050 | 15.96 | 7.12 |
| 1100 | 16.46 | 7.62 |
| 1150 | 16.96 | 8.12 |
| 1200 | 17.46 | 8.62 |
| 1250 | 17.96 | 9.12 |
| 1300 | 18.46 | 9.62 |


| | | | | | | | | | | | |
|---|-----------------------|--|--|-----------------------------|----------|---|-------------------|--------------|--------|-------------|------|
| | | | | TOLERANCES UNLESS SPECIFIED | |  | DRAWN GR 08/16/12 | | | | |
| | | | | DEC. | INCHES | | CHK VS 08/16/12 | | | | |
| | | | | .X | ±0 | TITLE OUTLINE – 180T TEFC–RIGID | APPD | | | | |
| | | | | .XX | ±0 | | SCALE | | | | |
| 2 | FRONT VIEW UPDATED | | | GR 11/29/12 | SR .XXX | | ±0 | REF 035909CY | | | |
| 1 | DASH VALUE 1000 ADDED | | | GR 10/12/12 | SR .XXXX | ±0 | MAT'L | FMF | | | |
| NO. | REVISION | | | BY & DATE | CHK | ANG | ±0 | FINISH | PREV | | |
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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



* THIS LEAD MAY BE WHITE

| | | | | TOLERANCES UNLESS SPECIFIED | |  | DRAWN GR 08/08/12 | |
|-----|----------|-----------|-----|--------------------------------|---------|---|-------------------|-------------------------|
| | | | | DEC. | INCHES | | CHK SR 08/08/12 | |
| | | | | .X | ±.1 | | APPD | |
| | | | | .XX | ±.01 | | SCALE 1=1 | |
| | | | | .XXX | ±.005 | | REF 005056-03 | |
| | | | | .XXXX | ±.0005 | TITLE EXTERNAL WIRING DIAGRAM TYPE "K" W/ PROTECTOR | FMF | |
| | | | | | | MAT'L. DECAL - 004015 | PREV | |
| NO. | REVISION | BY & DATE | CHK | ANG | ±1/2" | FINISH | | |
| | | | | RFP | | CAD FILE 00505603CY | SIZE A | DRAWING NO. 005056-03CY |
| | | | | DIST | BRF-NLV | | | REV. |

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