

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 056E17V2001  
Catalog No: Z630  
1/4,1800,TENV,56C,DC/90  
Sub-Fractional



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**REGAL**



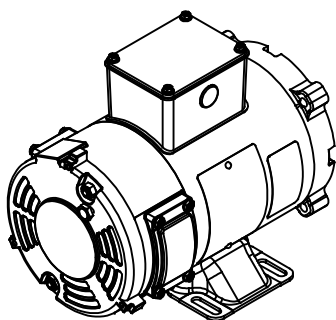
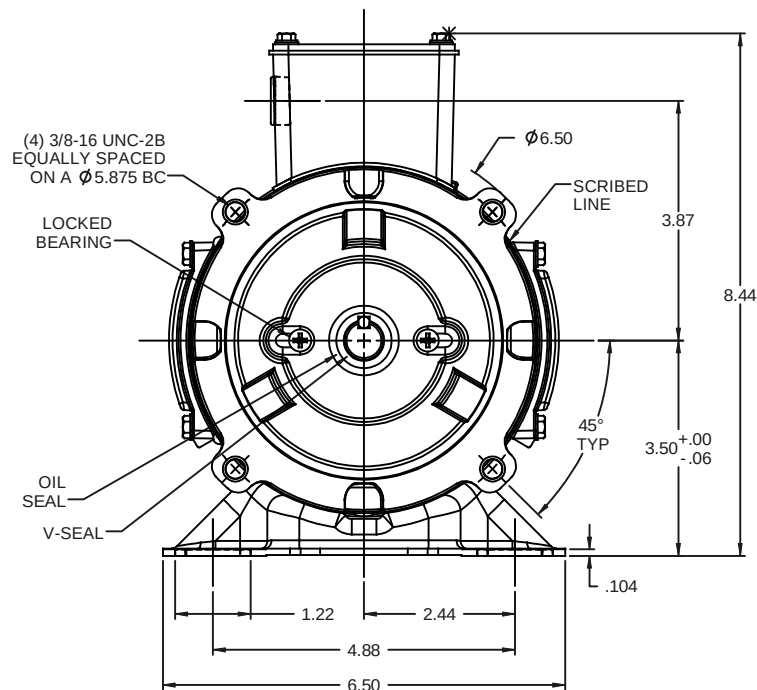
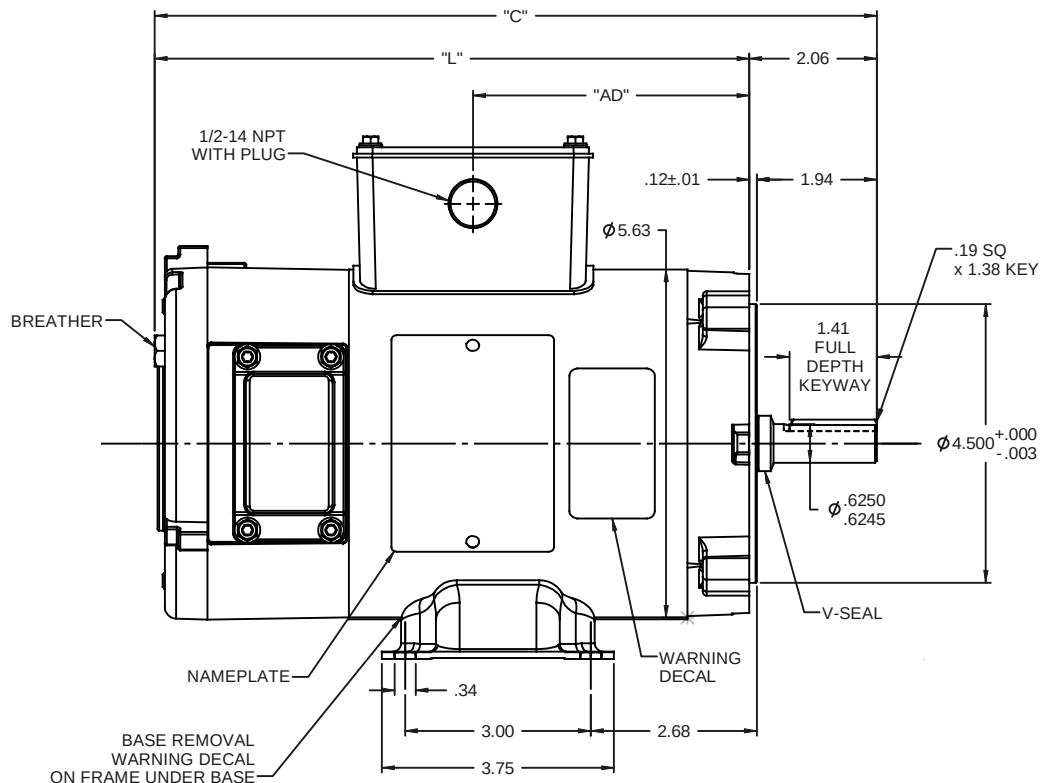
### Nameplate Specifications

|                            |          |                        |            |
|----------------------------|----------|------------------------|------------|
| Output HP                  | 0.25 Hp  | Output KW              | 0.19 kW    |
| Voltage                    | 90 V     | Current                | 2.7 A      |
| Speed                      | 1750 rpm | Service Factor         | 1          |
| Efficiency                 | 68 %     | Duty                   | CONT       |
| Insulation Class           | F        | Frame                  | S56C       |
| Enclosure                  | TENV     | Overload Protector     | NOT        |
| Ambient Temperature        | 40 °C    | Drive End Bearing Size | 6203       |
| Opp Drive End Bearing Size | 6203     | UL                     | Recognized |
| CSA                        | Y        | CE                     | N          |

### Technical Specifications

|                 |         |          |         |
|-----------------|---------|----------|---------|
| Rotation        | CCWLE   | Mounting | RIGID C |
| Shaft Diameter  | 0.63 in |          |         |
| Outline Drawing | 031927  |          |         |

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|             |       |       |      |       |      |      |
|-------------|-------|-------|------|-------|------|------|
| 056E17V2006 | 14.17 | 12.11 | 6.96 | 180   | 3/4  | 1750 |
| 056E17V2005 | 14.67 | 12.61 | 7.46 | 90    | 3/4  | 1750 |
| 056E17V2004 | 13.67 | 11.61 | 6.46 | 180   | 1/2  | 1750 |
| 056E17V2003 | 13.17 | 11.11 | 5.96 | 90    | 1/2  | 1750 |
| 056E17V2002 | 11.67 | 9.61  | 4.46 | 90    | 1/3  | 1750 |
| 056E17V2001 | 10.67 | 8.61  | 3.46 | 90    | 1/4  | 1750 |
| CATALOG No. | "C"   | "L"   | "AD" | VOLTS | H.P. | RPM  |

- NOTES:  
1) MAXIMUM FACE RUNOUT .004 T.I.R.  
2) MAXIMUM PILOT ECCENTRICITY .004 T.I.R.  
3) PERMISSIBLE SHAFT RUNOUT .002 T.I.R.  
4) GASKETS THROUGHOUT.

|    |          |                        |           |                                |             |               |                   |     |
|----|----------|------------------------|-----------|--------------------------------|-------------|---------------|-------------------|-----|
|    |          |                        |           | TOLERANCES<br>UNLESS SPECIFIED |             |               | DRAWN IPG 2/19/09 |     |
|    |          |                        |           | DEC                            | INCHES      |               | CHK SK 2/19/09    |     |
|    |          |                        |           | X                              | $\pm .1$    |               | APPR              |     |
|    |          |                        |           | XX                             | $\pm .03$   | TITLE OUTLINE | SCALE 1:2         |     |
|    |          |                        |           | XXX                            | $\pm .005$  | 48 FRAME DC   | REF 031900        |     |
| 00 | RELEASED | IPG 2/19/09            | SK        | XXXX                           | $\pm .0005$ | MATL          | FMF 056E17V2006   |     |
| NO |          | REVISION               | BY & DATE | CHK ANG $\pm 1/2^\circ$        | FINISH      | PAGE          | OF                | REV |
|    |          | THIRD ANGLE PROJECTION |           | RFP                            | PREV        | SIZE B        | DRAWING NO 031927 | 00  |
|    |          |                        |           | NETWORK FILE NAME              |             |               |                   |     |