

# PRODUCT INFORMATION PACKET



Model No: CI4D17FT2C

Catalog No: 108370.00

...75KW-1HP..1800RPM.80.IP54.180V...S1.40C.1,0SF.SPECIAL.CI4D17FT2C.....DC METRIC.....

Metric Motors



Regal and Leeson are trademarks of Regal Beloit Corporation or one of its affiliated companies.

©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E





## **Nameplate Specifications**

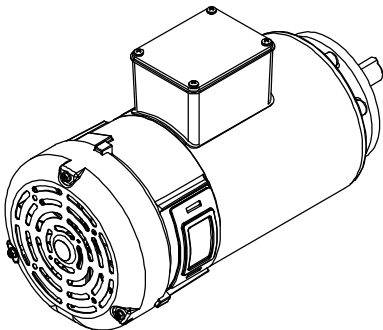
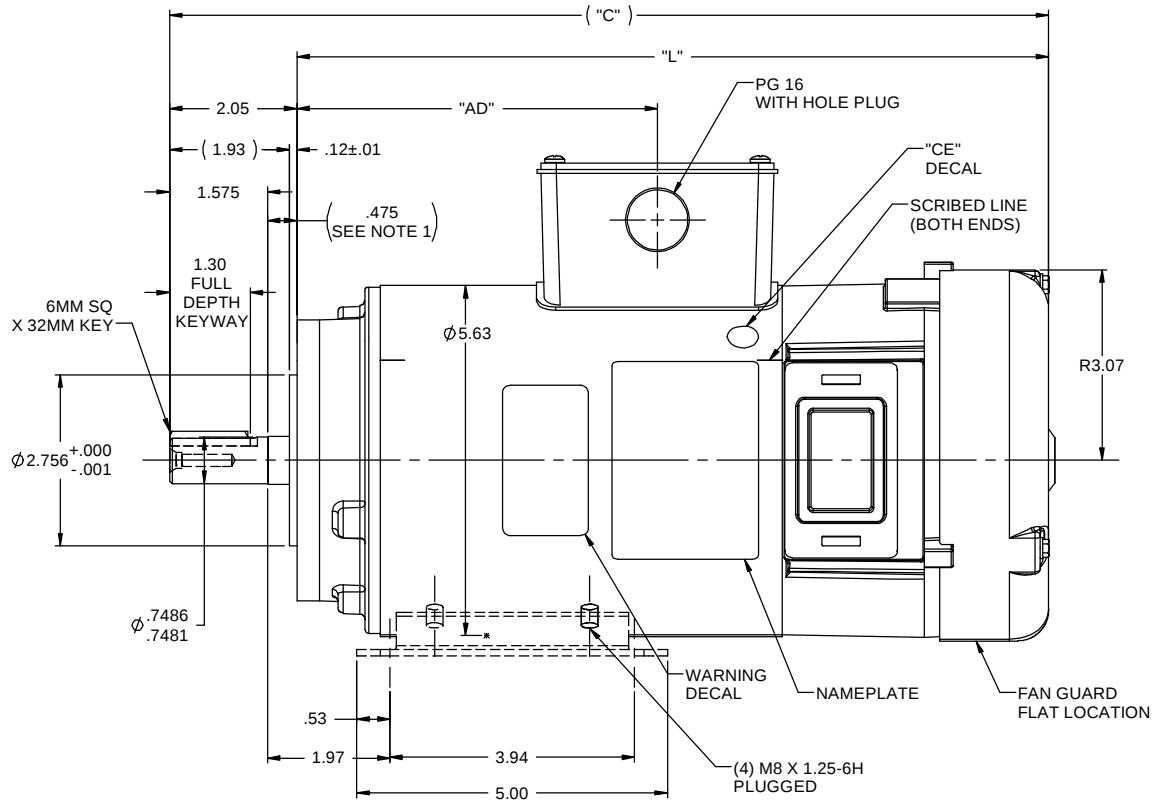
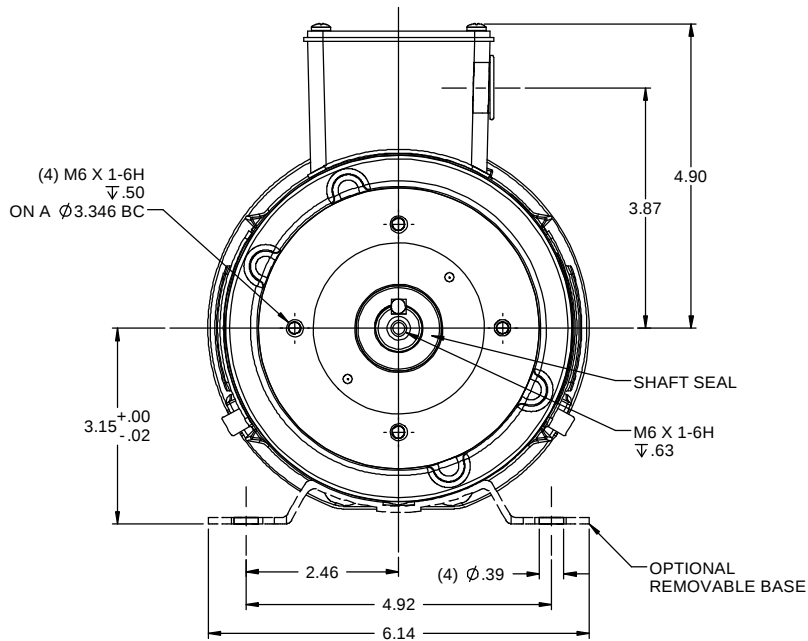
|                        |            |                            |          |
|------------------------|------------|----------------------------|----------|
| Output KW              | 1.1 kW     | Voltage                    | 180 V    |
| Current                | 6.7 A      | Speed                      | 1800 rpm |
| Service Factor         | 1          | Efficiency                 | 85 %     |
| Duty                   | S1         | Insulation Class           | F        |
| Frame                  | 80         | Enclosure                  | IP54     |
| Overload Protector     | No         | Ambient Temperature        | 40 °C    |
| Drive End Bearing Size | 6204       | Opp Drive End Bearing Size | 6203     |
| UL                     | Recognized | CSA                        | Y        |
| CE                     | Y          |                            |          |

## **Technical Specifications**

|                 |               |                 |         |
|-----------------|---------------|-----------------|---------|
| Rotation        | Reversible    | Mounting        | Special |
| Overall Length  | 15.15 in      | Frame Length    | 7.47 in |
| Shaft Diameter  | 0.750 in      | Shaft Extension | 2.05 in |
| Outline Drawing | 031898-108370 |                 |         |

**This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 10/15/2018**

RBC PROPRIETARY AND CONFIDENTIAL INFORMATION  
This document is the property of REGAL BELOIT CORPORATION ("RBC") including its subsidiaries and divisions and contains proprietary information of RBC. This document is loaned on the express condition that neither it nor the information contained therein shall be disclosed to others without the express written consent of RBC, and that the information shall be used by the recipient only as approved expressly by RBC. This document shall be returned to RBC upon its request. This document may be subject to certain restrictions under U.S. export control laws and regulations.



- NOTES:
- 1) DIMENSION IS SPACE PROVIDED FOR A BOLT-ON B5 OR B14 ADAPTER KIT FOR THE IEC 80 FRAME.
  - 2) MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
  - 3) MAXIMUM PILOT ECCENTRICITY .004 T.I.R.
  - 4) PERMISSIBLE SHAFT RUNOUT .002 T.I.R.
  - 5) GASKETS THROUGHOUT.

| CATALOG No. | "C"   | "L"   | "AD" | VOLTS | K.W. | RPM  |
|-------------|-------|-------|------|-------|------|------|
| 108369.00   | 14.15 | 12.10 | 5.81 | 180   | .55  | 1800 |
| 108370.00   | 15.15 | 13.10 | 6.81 | 180   | .75  | 1800 |
| 108371.00   | 17.15 | 15.10 | 8.81 | 180   | 1.1  | 1800 |
| 108372.00   | 14.15 | 12.10 | 5.81 | 180   | .75  | 3000 |
| 108373.00   | 15.15 | 13.10 | 6.81 | 180   | 1.1  | 3000 |

|    |                                                          |           |         |     |                             |             |        |                      |     |
|----|----------------------------------------------------------|-----------|---------|-----|-----------------------------|-------------|--------|----------------------|-----|
| 04 | CHANGED 1.93 & .475 DIMS TO REF. ISAAC 12-1122           | IPG       | 3/27/12 |     | TOLERANCES UNLESS SPECIFIED |             |        |                      |     |
| 03 | ADDED NOTE ABOUT FAN GUARD FLAT LOCATION, ISAAC          | IPG       | 12/9/09 |     | DEC                         | INCHES      |        |                      |     |
|    | 09-4813                                                  |           |         |     | X                           | $\pm$ .1    |        |                      |     |
| 02 | CAT. # 108371.00: "C" WAS 17.65, "L" WAS 15.60, "AD" WAS | IPG       | 5/14/09 | SK  | XX                          | $\pm$ .03   | TITLE  | OUTLINE              |     |
|    | 9.31, ISAAC 09-1828                                      |           |         |     | XXX                         | $\pm$ .005  |        | 48 FRAME DC - IEC 80 |     |
| 01 | UPDATED SCRIBED LINE LOCATION PER FRAME CHANGE.          | IPG       | 2/18/09 | SK  | XXXX                        | $\pm$ .0005 | MATL   |                      |     |
| NO | REVISION                                                 | BY & DATE |         | CHK | ANG                         | $\pm$ 1/2°  | FINISH |                      |     |
|    | THIRD ANGLE PROJECTION                                   |           |         | RFP |                             |             | PREV   |                      |     |
|    |                                                          |           |         |     | NETWORK FILE NAME           | 031898      | SIZE   | DRAWING NO           | REV |
|    |                                                          |           |         |     |                             |             | B      | 031898               | 04  |



ELECTRIC MOTORS  
GEARMOTORS  
AND DRIVES

DRAWN IPG 6/24/08  
CHK BC 6/24/08  
APPR  
SCALE 1:2  
REF 030855  
FMF 108369.75  
PAGE OF