

PRODUCT INFORMATION PACKET



Model No: CF100
Catalog No: CF100
1 HP General Purpose Motor, 3 phase, 1200 RPM, 230/460 V, 145TC Frame, TEFC
General Purpose Motors



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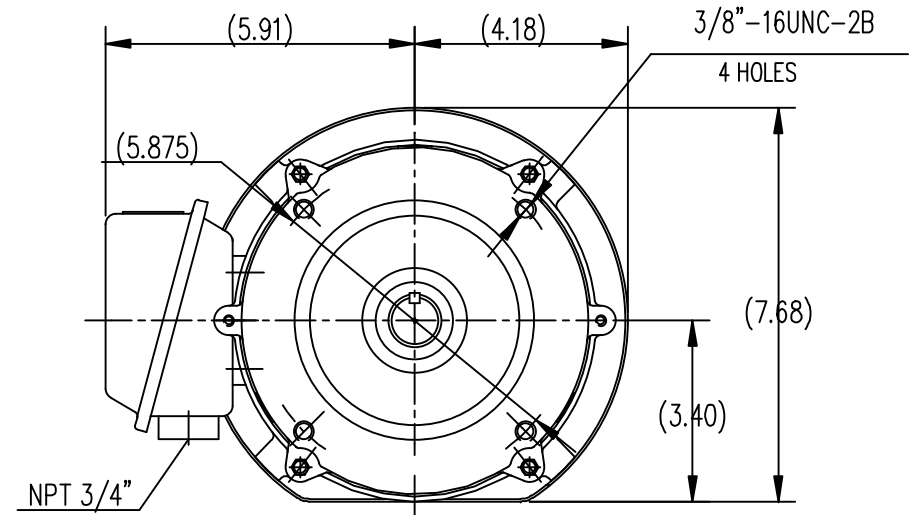
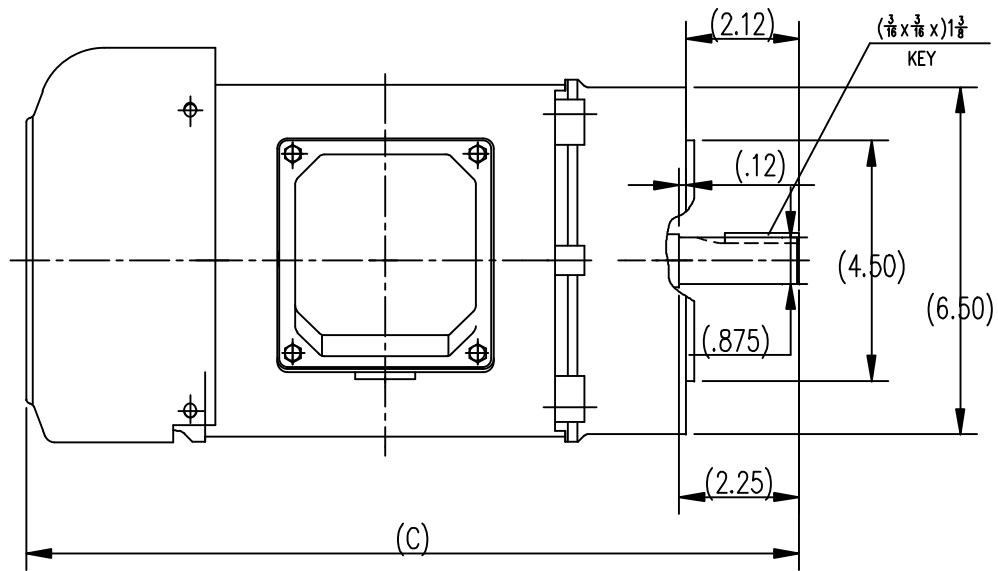
Nameplate Specifications

| | | | |
|--------------------|------------|---------------------|-----------------------------|
| Output HP | 1 Hp | Output KW | 0.75 kW |
| Frequency | 60 Hz | Voltage | 230/460 V |
| Current | 3.2/1.6 A | Speed | 1160 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Duty | Continuous | Insulation Class | F |
| Frame | 145TC | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | None | Ambient Temperature | 40 °C |
| UL | Recognized | CSA | Y |
| CE | Y | Number of Speeds | 1 |


Technical Specifications

| | | | |
|-----------------------|-----------|--------------------|-----------------|
| Electrical Type | POLYPHASE | Starting Method | Across The Line |
| Poles | 6 | Rotation | Reversible |
| Mounting | Round | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | Keyed | Overall Length | 14.70 in |
| Frame Length | 6.83 in | Shaft Diameter | 0.875 in |
| Shaft Extension | 2.25 in | | |
| Outline Drawing | SS620602 | Connection Drawing | A-EE7308 |

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| | |
|-----------|------|
| TYPE | C |
| TEFC 143T | 13.7 |
| TEFC 145T | 14.7 |

| | | TOLERANCES UNLESS SPECIFIED | |  REGAL BELOIT CORPORATION | DRAWN WY 7.17.2012 | |
|--|----------|--------------------------------|--------|--|--------------------|---------------|
| | | DEC. | INCHES | | CHK | ZYH 7.17.2012 |
| | | .X | ±.1 | | APPD | WGH 7.17.2012 |
| | | .XX | ±.03 | | SCALE | |
| | | .XXX | ±.005 | | REF | |
| | | .XXXX | ±.0005 | MAT'L | FMF | |
| NO. | REVISION | BY & DATE | CHK | ANG | ±1/2 | FINISH |
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| | | | DIST | | | B |
| | | | | | DRAWING NO. | REV. |
| | | | | | SS620602 | |



| NO. | REVISION | BY & DATE | CHK | ANG | TOLERANCES UNLESS SPECIFIED | | DRAWN RM | 11/20/1990 |
|---|--|----------------|-----|-------|--------------------------------|-----------------|----------|--------------------------|
| | | | | | DEC. | INCHES | | |
| 5 | CHG TO REGAL LOGO | SL 09/10/2015 | AB | | | | CHK | ML 11/21/1990 |
| 4 | REVISED IEC NOTATIONS | MSG 11/15/2011 | CMN | .X | ±.1 | | APPD | SAS 04/24/2003 |
| 3 | ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194 | MSG 5/10/2010 | MJS | .XX | ±.02 | | SCALE | 1=1 |
| 2 | ADDED THE OPTIONAL CORD CONNECTION MU46318 | RDH 04/24/2003 | DRS | .XXX | ±.005 | | REF | |
| 1 | REDRAWN | RM 11/20/1990 | | .XXXX | ±.0005 | | FMF | |
| | | | | | ±7'30" | | PREV | |
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| | | | | | DIST WP | | A | EE7308 5 |