## PRODUCT INFORMATION PACKET



Model No: 284TTFPA18035 Catalog No: M897 25,1800,TEFC,284HPV,3/60/230/460 Other Purpose



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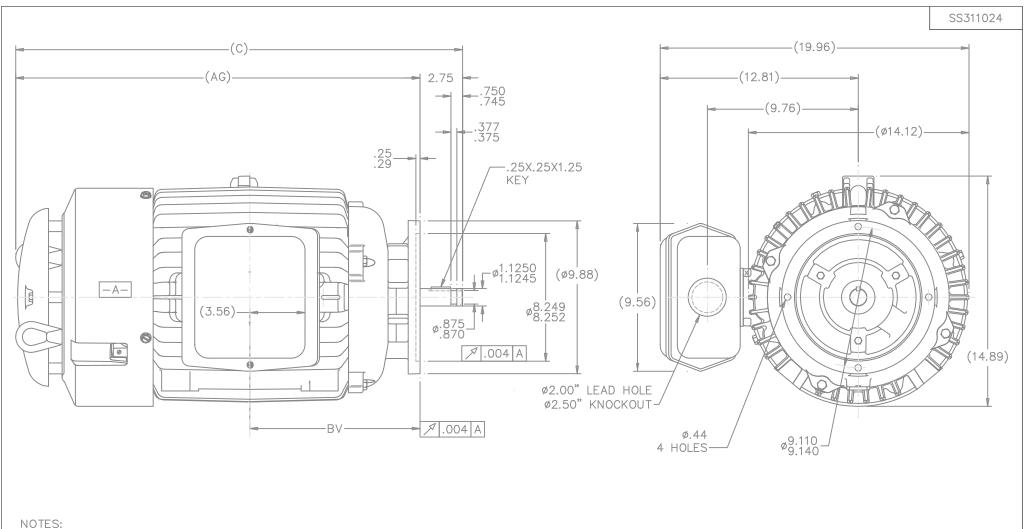
## **Nameplate Specifications**

| Output HP                  | 25 Hp     | Output KW              | 18.7 kW    |
|----------------------------|-----------|------------------------|------------|
| Frequency                  | 60 Hz     | Voltage                | 230/460 V  |
| Current                    | 65.5/33 A | Speed                  | 1760 rpm   |
| Service Factor             | 1.15      | Phase                  | 3          |
| Efficiency                 | 89.5 %    | Duty                   | CONTINUOUS |
| Insulation Class           | F         | Design Code            | В          |
| KVA Code                   | F         | Frame                  | 284HPV     |
| Enclosure                  | TEFC      | Overload Protector     | NOT        |
| Ambient Temperature        | 40 °C     | Drive End Bearing Size | NONE       |
| Opp Drive End Bearing Size | NONE      | UL                     | Recognized |
| CSA                        | Υ         | CE                     | Υ          |
| IP Code                    | 43        |                        |            |

## **Technical Specifications**

| Electrical Type   | SQ CAGE IND RUN | Starting Method       | ACROSS THE LINE |
|-------------------|-----------------|-----------------------|-----------------|
| Poles             | 4               | Rotation              | REV             |
| Mounting          | ROUND           | Motor Orientation     | SHAFT DOWN      |
| Drive End Bearing | BALL            | Opp Drive End Bearing | BALL            |
| Frame Material    | CAST IRON       | Shaft Type            | НР              |
| Overall Length    | 27.38 in        | Shaft Diameter        | 1.88 in         |
| Shaft Extension   | 2.75 in         | Assembly/Box Mounting | F1/F2 CAPABLE   |
| Outline Drawing   | B-SS311024-1425 | Connection Diagram    | A-EE7308        |

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- BOX CAN ONLY BE ROTATED CLOCKWISE UP TO 270° FROM ITS ORIGINAL POSITION.
   NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

| DASH | FRAME   | AG    | С     | BV    |
|------|---------|-------|-------|-------|
| 1275 | 284/6HP | 26.13 | 28.88 | 11.00 |
| 1425 | 284/6HP | 27.63 | 27.38 | 12.50 |

| _  |  |     |            |     |       |                          |                                      |                 |                      |          |        |
|----|--|-----|------------|-----|-------|--------------------------|--------------------------------------|-----------------|----------------------|----------|--------|
|    |  |     |            |     | UNLES | LERANCES<br>SS SPECIFIED |                                      |                 | DRAWN CAV 04-17-2000 |          |        |
|    |  |     |            |     | DEC.  | INCHES                   |                                      |                 | СНК                  | ML 05-03 | 5-2000 |
|    |  |     |            |     | .x    | ±.1                      |                                      |                 | APPD                 | GK 05-03 | 3-2000 |
| 3  | CHANGED TOLERANCE FROM .007 TO .004 CN 3174  | BJK | 07-18-2002 | DRS | .xx   | ±.03                     | TITLE OUTLINE - TEFC                 |                 | SCALE                | 1=4      |        |
| 2  | CORRECTED C'BOX HOLOE NOTE CN 29200-1454   | HLB | 02-16-2001 |     | .xxx  | ±.005                    | 280HP FR BB - P'BASE - 11.00 LAM REF |                 |                      |          |        |
| 1  | NEW DRAWING MU23810  | CAV | 05-03-2000 |     | .xxxx | ±.0005                   | MAT'L.                               |                 | FMF                  |          |        |
| NO | REVISION   | В   | Y & DATE   | СНК | ANG   | ±7'30"                   | FINISH                               |                 | PREV                 |          |        |
|    | THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT  |     |            | RFP |       |                          | CAD FILE ss311024                    | SIZE DRAWING NO |                      |          | REV.   |
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