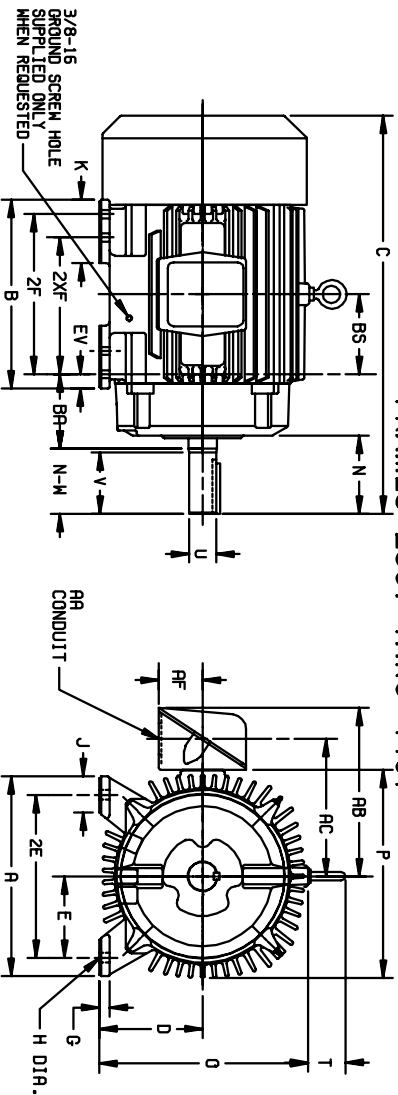


DUTY MASTER ALTERNATING CURRENT MOTORS  
SQUIRREL-CAGE INDUCTION

ENCLOSURE: TOTALLY ENCLOSED  
MOUNTING: FOOT  
COOLING: FAN COOLED

FRAMES 250T THRU 440T



| FRAME      | DIMENSIONS ARE IN INCHES; SEE SHEET 2 FOR DIMENSIONS IN MILLIMETERS |       |      |      |     |      |      |       |       |      |       |       |       |      | STEEL TERMINAL BOX |      |  |  |  |  |
|------------|---------------------------------------------------------------------|-------|------|------|-----|------|------|-------|-------|------|-------|-------|-------|------|--------------------|------|--|--|--|--|
|            | A                                                                   | D(2)  | E    | G    | H   | J    | K    | O     | P     | T    | AA    | AB    | AC    | AF   | BA                 | EV   |  |  |  |  |
| 254T-256T  | 12.50                                                               | 6.25  | 5.00 | .75  | .56 | 2.50 | --   | 13.25 | 13.25 | 2.44 | 1-1/4 | 10.75 | 8.75  | 2.50 | 4.25               | 1.00 |  |  |  |  |
| 284T-286TS | 13.75                                                               | 7.00  | 5.50 | .75  | .56 | 2.50 | --   | 14.75 | 14.88 | 2.44 | 1-1/2 | 12.75 | 10.00 | 3.19 | 4.75               | 1.00 |  |  |  |  |
| 324T-326TS | 15.50                                                               | 8.00  | 6.25 | .88  | .69 | 2.75 | 4.50 | 16.69 | 17.00 | 2.44 | 2     | 15.19 | 11.44 | 4.25 | 5.25               | 1.36 |  |  |  |  |
| 364T-365TS | 17.00                                                               | 9.00  | 7.00 | .88  | .69 | 2.75 | 3.88 | 18.50 | 19.50 | 2.94 | 3     | 18.06 | 14.00 | 5.38 | 5.88               | 1.36 |  |  |  |  |
| 404T-405TS | 19.00                                                               | 10.00 | 8.00 | 1.12 | .81 | 3.25 | 4.62 | 21.31 | 22.50 | 2.94 | 3     | 19.31 | 15.25 | 5.38 | 6.62               | 1.13 |  |  |  |  |
| 444T-445TS | 21.00                                                               | 11.00 | 9.00 | 1.12 | .81 | 3.25 | 5.25 | 23.38 | 25.25 | 3.25 | 3     | 23.38 | 18.12 | 6.50 | 7.50               | 1.25 |  |  |  |  |

| FRAME | SIZE  | C    | BS    | B     | ZF  | (4)   |        | SHAFT AND KEY |       |      |       |      | WEIGHT<br>LBS. (5) |
|-------|-------|------|-------|-------|-----|-------|--------|---------------|-------|------|-------|------|--------------------|
|       |       |      |       |       |     | N     | N-W(6) | U(3)          | V     | SQ.  | LGTH. |      |                    |
| 254T  | 24.56 | 5.00 | 12.00 | ---   | --- | 8.25  | 4.12   | 4.00          | 1.625 | 3.75 | .375  | 2.88 | 305                |
| 256T  | 24.56 | 5.00 | 12.00 | 10.00 | --- | ---   | 4.12   | 4.00          | 1.625 | 3.75 | .375  | 2.88 | 315                |
| 284T  | 27.44 | 5.50 | 13.00 | ---   | --- | 9.50  | 5.00   | 4.62          | 1.875 | 4.38 | .500  | 3.25 | 435                |
| 284TS | 26.06 | 5.50 | 13.00 | ---   | --- | 9.50  | 3.62   | 3.25          | 1.625 | 3.00 | .375  | 1.88 | 435                |
| 286T  | 27.44 | 5.50 | 13.00 | 11.00 | --- | ---   | 5.00   | 4.62          | 1.875 | 4.38 | .500  | 3.25 | 450                |
| 286TS | 26.06 | 5.50 | 13.00 | 11.00 | --- | ---   | 3.62   | 3.25          | 1.625 | 3.00 | .375  | 1.88 | 450                |
| 324T  | 30.44 | 6.00 | 14.75 | ---   | --- | 10.50 | 5.62   | 5.25          | 2.125 | 5.00 | .500  | 3.88 | 540                |
| 324TS | 28.94 | 6.00 | 14.75 | ---   | --- | 10.50 | 4.12   | 3.75          | 1.875 | 3.50 | .500  | 2.00 | 540                |
| 326T  | 30.44 | 6.00 | 14.75 | 12.00 | --- | ---   | 5.62   | 5.25          | 2.125 | 5.00 | .500  | 3.88 | 580                |
| 326TS | 28.94 | 6.00 | 14.75 | 12.00 | --- | ---   | 4.12   | 3.75          | 1.875 | 3.50 | .500  | 2.00 | 580                |
| 364T  | 33.44 | 6.12 | 15.00 | ---   | --- | 11.25 | 6.25   | 5.88          | 2.375 | 5.62 | .625  | 4.25 | 800                |
| 364TS | 31.31 | 6.12 | 15.00 | ---   | --- | 11.25 | 4.12   | 3.75          | 1.875 | 3.50 | .500  | 2.00 | 794                |
| 365T  | 33.44 | 6.12 | 15.00 | 12.25 | --- | ---   | 6.25   | 5.88          | 2.375 | 5.62 | .625  | 4.25 | 840                |
| 365TS | 31.31 | 6.12 | 15.00 | 12.25 | --- | ---   | 4.12   | 3.75          | 1.875 | 3.50 | .500  | 2.00 | 834                |
| 404T  | 38.31 | 6.88 | 16.00 | ---   | --- | 12.25 | 7.50   | 7.25          | 2.875 | 7.00 | .750  | 5.62 | 1120               |
| 404TS | 35.31 | 6.88 | 16.00 | ---   | --- | 12.25 | 4.50   | 4.25          | 2.125 | 4.00 | .500  | 2.75 | 1111               |
| 405T  | 38.31 | 6.88 | 16.00 | ---   | --- | 7.50  | 7.25   | 2.875         | 7.00  | .750 | 5.62  | 1160 |                    |
| 405TS | 35.31 | 6.88 | 16.00 | 13.75 | --- | ---   | 4.50   | 4.25          | 2.125 | 4.00 | .500  | 2.75 | 1151               |
| 444T  | 44.62 | 8.25 | 19.00 | ---   | --- | 14.50 | 8.94   | 8.50          | 3.375 | 8.25 | .875  | 6.88 | 1540               |
| 444TS | 40.88 | 8.25 | 19.00 | ---   | --- | 14.50 | 5.19   | 4.75          | 2.375 | 4.50 | .625  | 3.00 | 1524               |
| 445T  | 44.62 | 8.25 | 19.00 | 16.50 | --- | ---   | 8.94   | 8.50          | 3.375 | 8.25 | .875  | 6.88 | 1730               |
| 445TS | 40.88 | 8.25 | 19.00 | 16.50 | --- | ---   | 5.19   | 4.75          | 2.375 | 4.50 | .625  | 3.00 | 1714               |

- (1) SPECIAL DIMENSIONS APPLYING TO THIS ORDER ON THIS LINE.
- (2) "D" VARIES —  $\begin{cases} 250T - 320T + .00, -.03. \\ 360T - 440T + .00, -.06. \end{cases}$
- (3) "U" VARIES —  $\begin{cases} \text{UP TO 1.625 DIA.} + .0000, -.0005 \\ 1.625 \text{ AND LARGER} + .000, -.001. \end{cases}$
- (4) ALL FRAMES HAVE EIGHT MOUNTING HOLES FOR DUAL MOUNTING.
- (5) MOTOR WEIGHTS MAY VARY BY 15% DEPENDING UPON RATING.
- (6) "N-W" VARIES +.00, -.25.
- FRAME- \_\_\_\_\_ TYPE- \_\_\_\_\_ CERTIFIED FOR- \_\_\_\_\_
- ORDER- \_\_\_\_\_ ITEM- \_\_\_\_\_ HP- \_\_\_\_\_ RPM- \_\_\_\_\_ PH- \_\_\_\_\_ HZ- \_\_\_\_\_ VOLTS- \_\_\_\_\_
- RELANCE SALES ORDER- \_\_\_\_\_ APPROVED BY- \_\_\_\_\_ DATE \_\_\_\_\_
- CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-2-W-1, W-4, W-5, W-7, OR C-1 MOUNTING IS SPECIFIED.
- IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.
- MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STD. SHAFT EXTENSION IS .002 T.I.R. UP TO AND INCLUDING 1.625 DIA. AND .003 T.I.R. 1.625 DIA. TO 5 INCH DIA.

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

|                                 |             |                              |
|---------------------------------|-------------|------------------------------|
| REV. DESC: UPDATE TITLE SHEET 2 |             |                              |
| REV. LTR: B                     | VERSION: 02 | TDR: 000000498266            |
| FILE: \RAG\00000\167            |             | REVISED: 07:05:46 04/29/2009 |
| MTL: -                          |             | BY: RAGEC                    |

Baldor • Dodge • Reliance

DIM SHEET 250T THRU 440T

SH 1 of 1