

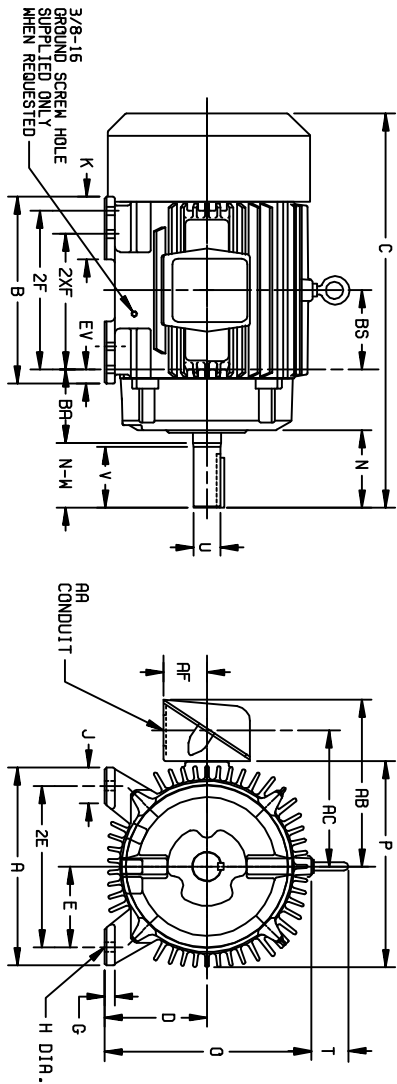
# DUTY MASTER ALTERNATING CURRENT MOTORS

## SQUIREL-CAGE INDUCTION

ENCLOSURE: TOTALLY ENCLOSED  
MOUNTING: FOOT

COOLING: FAN COOLED

FRAMES 250T THRU 440T



DIMENSIONS ARE IN INCHES; SEE SHEET 2 FOR DIMENSIONS IN MILLIMETERS

| FRAME     | 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-286T | 13.75 | 7.00  | 5.50 | .75  | .66 | 2.50 | ---  | 14.75 | 14.88 | 2.44 | 1-1/2 | 12.75 | 10.00 | 3.19 | 4.75 | 1.00 |
| 324T-326T | 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 | 1.38 |
| 364T-365T | 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 | 1.38 |
| 404T-405T | 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-445T | 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 |
| (1)       |       |       |      |      |     |      |      |       |       |      |       |       |       |      |      |      |

| FRAME | C     | BS   | B     | 2F    | (4)   | N    | N-W(6) | U(3)  | V    | SQ   | LGTH. | WEIGHT     |
|-------|-------|------|-------|-------|-------|------|--------|-------|------|------|-------|------------|
| SIZE  |       |      |       |       |       |      |        |       |      |      |       | (LBS. (5)) |
| 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        |
| 286T  | 26.06 | 5.50 | 13.00 | ---   | 9.50  | 5.00 | 4.62   | 1.875 | 4.38 | .500 | 3.25  | 435        |
| 286T  | 27.44 | 5.50 | 13.00 | 11.00 | ---   | 5.00 | 4.62   | 1.875 | 4.38 | .500 | 3.25  | 450        |
| 286T  | 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        |
| 324T  | 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        |
| 326T  | 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        |
| 364T  | 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        |
| 365T  | 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       |
| 404T  | 35.31 | 6.88 | 16.00 | ---   | 12.25 | 4.50 | 4.25   | 2.125 | 4.00 | .500 | 2.75  | 1110       |
| 405T  | 38.31 | 6.88 | 16.00 | 13.75 | ---   | 7.50 | 7.25   | 2.875 | 7.00 | .750 | 5.62  | 1160       |
| 405T  | 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       |
| 444T  | 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       |
| 445T  | 40.88 | 8.25 | 19.00 | 16.50 | ---   | 5.19 | 4.75   | 2.375 | 4.50 | .625 | 3.00  | 1714       |
| (1)   |       |      |       |       |       |      |        |       |      |      |       |            |

SHAFT AND KEY

(1) SPECIAL DIMENSIONS APPLYING TO THIS ORDER ON THIS LINE.

(2) "D" VARIES — 250T - 320T +.00, -.03.  
360T - 440T +.00, -.06.

(3) "U" VARIES — UP TO 1.625 DIA. +.0000, -.0005  
1.625 AND LARGER +.000, -.001.

(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—  
RELIANCE SALES ORDER— APPROVED BY— DATE—

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

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