

PRODUCT INFORMATION PACKET

Model No: 404TTGS1086

Catalog No: U970

Other Purpose Motor, 60 & 50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 & 1000 RPM,
404T Frame, EPFC



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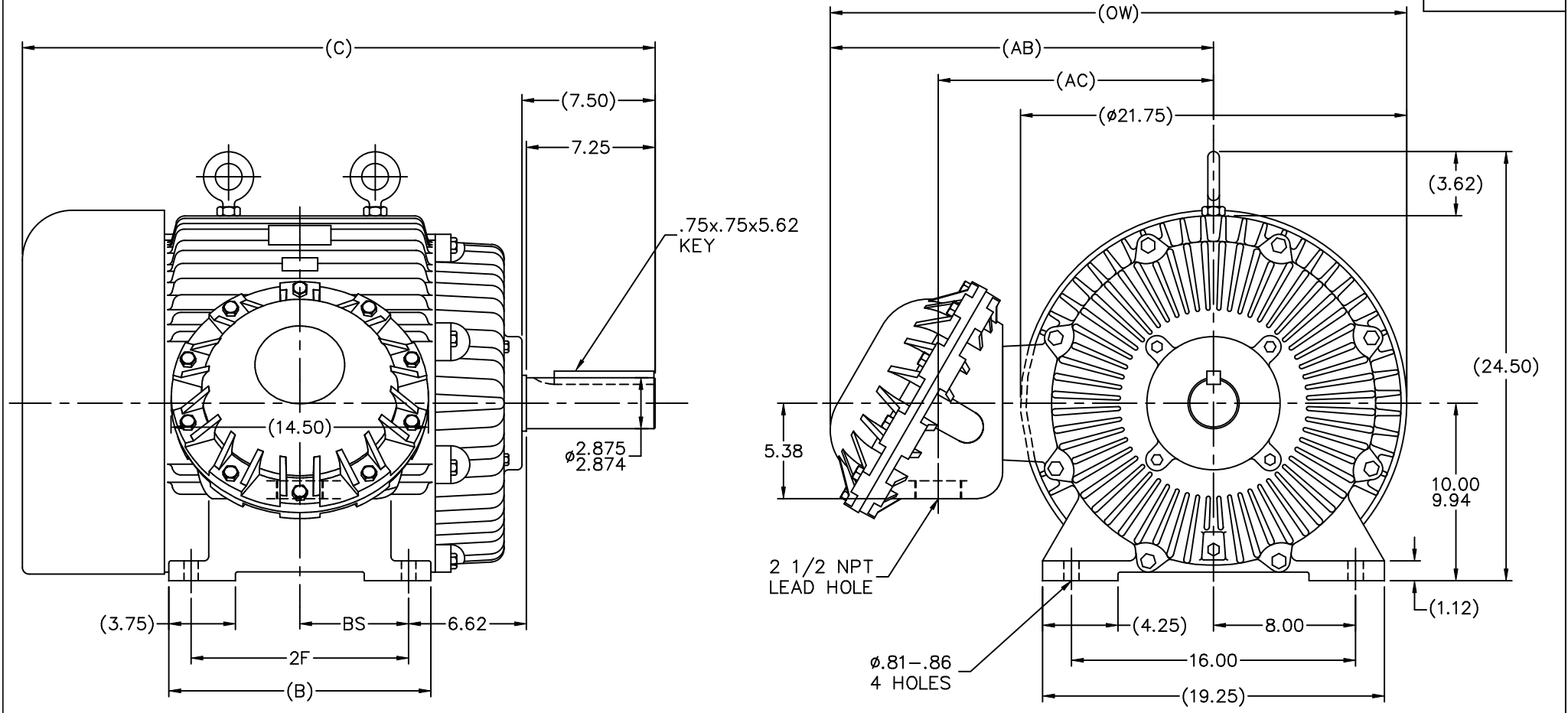
Nameplate Specifications

| | | | |
|------------------------|----------------------------------|----------------------------|-----------------------------------|
| Phase | 3 | Output HP | 60 & 50 Hp |
| Output KW | 45.0 & 37.0 kW | Voltage | 230/460 & 190/380 V |
| Speed | 1185 & 982 rpm | Service Factor | 1.15 & 1.15 |
| Frame | 404T | Enclosure | Explosion Proof Fan cooled |
| Thermal Protection | No Protection | Efficiency | 93.6 & 93 % |
| Ambient Temperature | 40 °C | Frequency | 60 & 50 Hz |
| Current | 149/74.5 & 151/75.5 A | Power Factor | 81 |
| Duty | Continuous | Insulation Class | F |
| Design Code | B | KVA Code | G |
| Drive End Bearing Size | 6316 | Opp Drive End Bearing Size | 6313 |
| UL | Listed | CSA | Y |
| CE | N | IP Code | 54 |
| Number of Speeds | 1 | | |

Technical Specifications

| | | | |
|-----------------------|-------------------------------------|-----------------------|-------------------------|
| Electrical Type | Squirrel Cage Inverter Rated | Starting Method | Line Or Inverter |
| Poles | 6 | Rotation | Reversible |
| Resistance Main | .135 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Cast Iron |
| Shaft Type | T | Overall Length | 35.62 in |
| Frame Length | 15.25 in | Shaft Diameter | 2.875 in |
| Shaft Extension | 7.5 in | Assembly/Box Mounting | F1 ONLY |
| Connection Drawing | A-EE7308 | Outline Drawing | B-SS518777-1525 |

SS518777



NOTES:

1. BOX CAN BE ROTATED IN 90° STEPS
2. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°
3. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR

| DASH | FRAME | B | C | 2F | AB | AC | BS | OW |
|------|-------|-------|-------|-------|-------|-------|------|-------|
| 1525 | 404T | 14.75 | 35.62 | 12.25 | 21.50 | 15.50 | 6.12 | 32.38 |
| 1675 | 405T | 16.25 | 37.12 | 13.75 | 22.50 | 16.50 | 6.88 | 33.38 |

| | | TOLERANCES UNLESS SPECIFIED | | MARATHON ELECTRIC | | DRAWN DRS 12-17-2001 | |
|--|--------------------|-----------------------------|--------|---------------------------|-------------------|----------------------|--------------------------|
| | | DEC. | INCHES | | | CHK | JHL 013-19-2002 |
| | | .X | ±.1 | | | APPD | JES 03-20-2002 |
| 2 | REDRAWN IN AUTOCAD | .XX | ±.03 | TITLE OUTLINE | | SCALE | 3-16 |
| 1 | NEW DRAWING | .XXX | ±.005 | 400T FR. - EXP.PR. - STD. | | REF | |
| | | .XXXX | ±.0005 | MATL | | FMF | |
| NO. | REVISION | CHK | ANG | ±7'30" | FINISH | PREV | |
| THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT | | | | RFP | CAD FILE ss518777 | SIZE | DRAWING NO. PAGE OF REV. |
| | | | | DIST | WA | B | SS518777 2 |

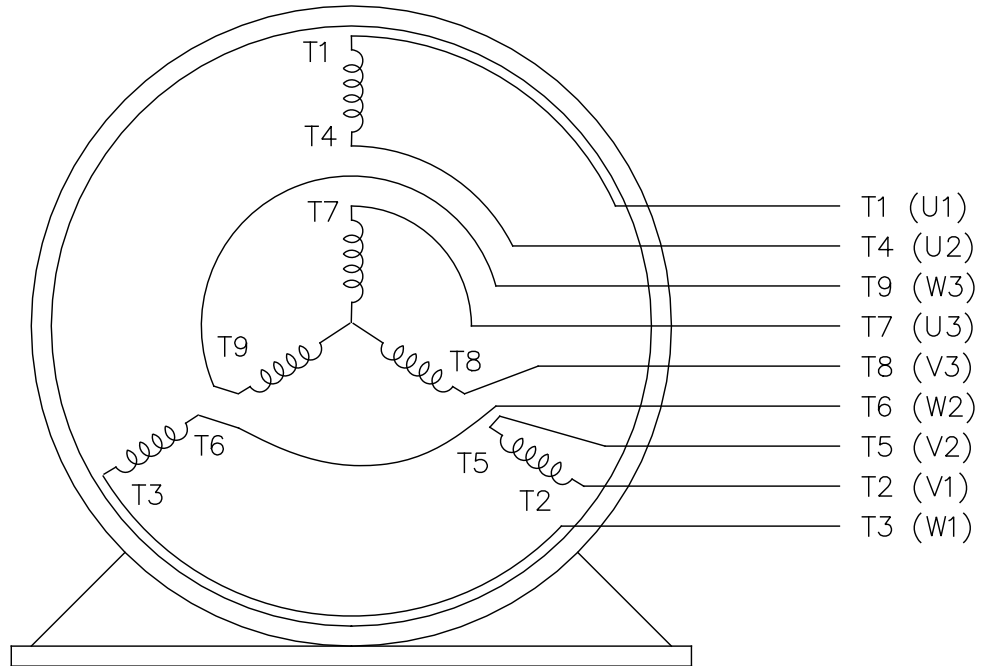
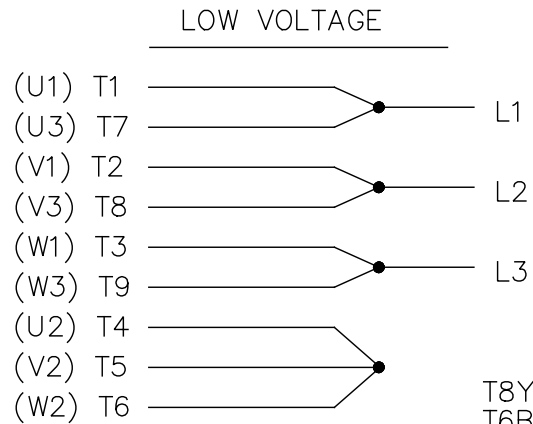
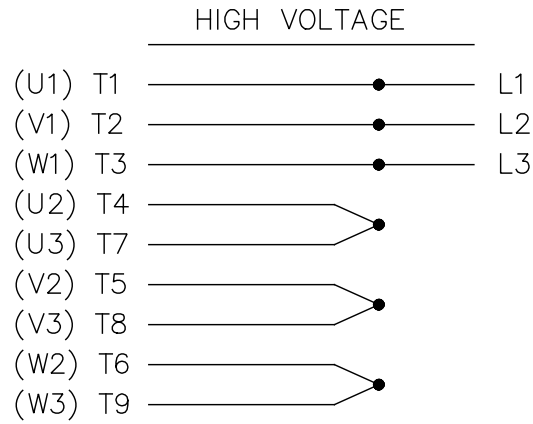
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OFFENDING COMMAND: --nostringval--

STACK:

-dictionary-
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/Pscript_WinNT_Compat
-dictionary-

EE7308

THREE PHASE
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD
CONNECTION

L1 — WHITE
L2 — RED
L3 — BLACK

| NO. | REVISION | BY & DATE | CHK | ANG | TOLERANCES UNLESS SPECIFIED | | FINISH | 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 | | TITLE CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR | REF | | | | |
| 1 | REDRAWN | RM 11/20/1990 | | .XXXX | ±.0005 | | MAT'L. | FMF | | | | |
| | | | | | ±7'30" | | | PREV | | | | |
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