marathon®

General Purpose Motors

Model No: 405TTDC6060
Catalog No: GT0049

General Purpose Motor, 125 & 100 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 1800 RPM, 405T Frame, DP

©2026 Marathon, All Rights Reserved.

marathon®

Product Information Packet: Model No: 405TTDC6060, Catalog No: GT0049 General Purpose Motor, 125 & 100 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 1800 RPM, 405T Frame, DP

Nameplate Specifications

Phase	**3**	Output HP	**125 & 100 Hp**
Output KW	**93.0 & 75.0 kW**	Voltage	**460 & 380 V**
Speed	**1785 & 1488 r/min**	Synchronous RPM	**1800 & 1500 r/min**
Service Factor	**1.15 & 1.15**	Frame	**405T**
Enclosure	**Drip Proof**	Thermal Protection	**No Protection**
Efficiency	**95.4 & 95 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**140 & 135 A**
Power Factor	**88**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**G**	Drive End Bearing Size	**6316**
Opp Drive End Bearing Size	**6315**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**12**	Number of Speeds	**1**

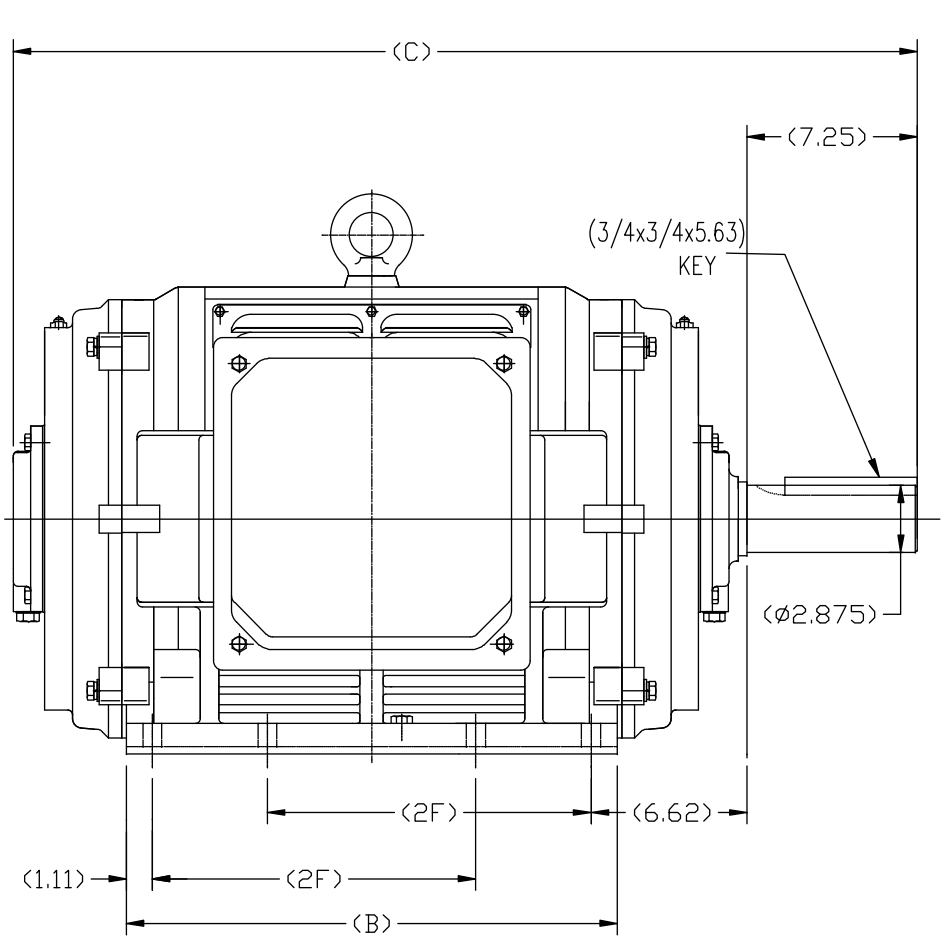
Technical Specifications

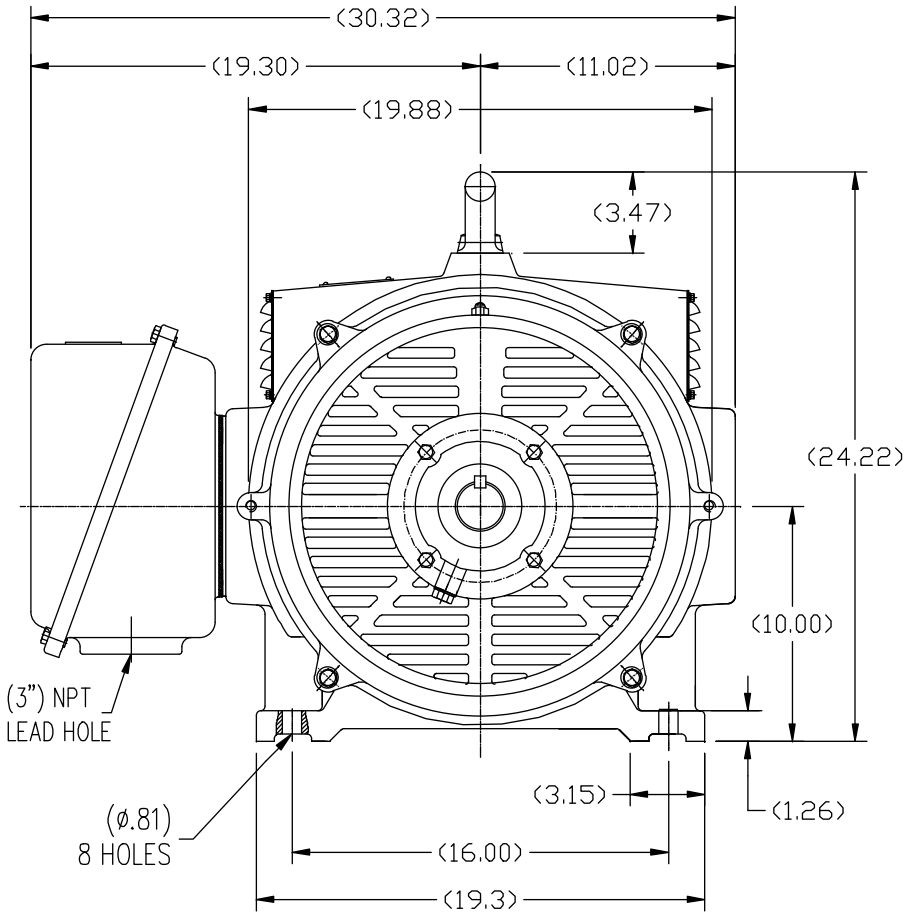
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Part Wdg Start Or Inverter**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**.042 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**T**	Overall Length	**38.78 in**
Shaft Diameter	**2 7/8 in**	Shaft Extension	**7.25 in**
Assembly/Box Mounting	**F1/F2 Capable**	Inverter Load	**Variable 10:1**

Drawings

Connection Drawing	**A-EE7341C**	Outline Drawing	**SS620253-405T**

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 16/10/2026





404T	37.20	19.29	12.25
405T	38.78	20.87	13.75
FRAME	C	B	2F

NO.	REVISION	BY & DATE	CHK

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

REGAL - BELOIT CORPORATION

TITLE: OUTLINE
404/405T FR-ODP-CAST IRON

MAT'L.

FINISH

CAD FILE: SS620253

RFP

DIST

DRAWN HZJ 03-04-2010
CHK ZYH 03-04-2010
APPD CL 03-04-2010
SCALE 1=.75
REF
FMF HWADA
PREV

SIZE: B
DRAWING NO.: SS620253
REV.

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

10/8/2013 2:49:28 PM - Converted by Connexus