

# PRODUCT INFORMATION PACKET



Model No: 405TTGS16557  
Catalog No: 405TTGS16557  
75,1800,EPFC,405T,3/60/230/460

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**Nameplate Specifications**

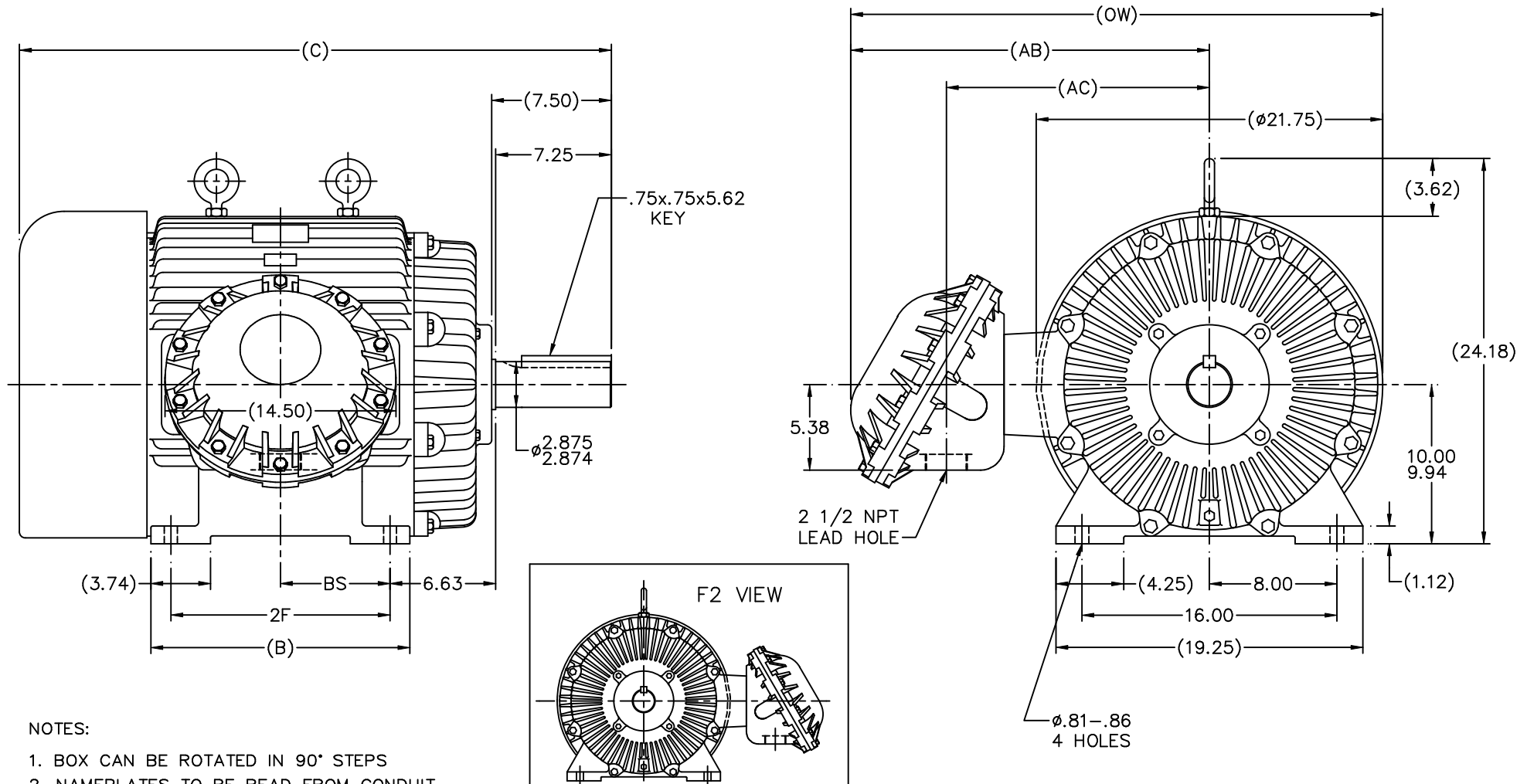
Phase	3	Output HP	75 Hp
Output KW	56.0 kW	Voltage	230/460 V
Speed	1782 rpm	Service Factor	1.15
Frame	405T	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Efficiency	95.4 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	172.0/86.0 A	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6313
UL	Listed	CSA	N
CE	N	IP Code	54
Number of Speeds	1	Hazardous Location	EXP PROOF CL I GR C&D CL II GR F&G T3B

**Technical Specifications**

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.069 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1 ONLY
Outline Drawing	SS518936-1675	Connection Drawing	EE7308AU

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SS518936LN



## NOTES:

1. BOX CAN BE ROTATED IN 90° STEPS
2. 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 MSG 03-06-2002
				DEC.	INCHES		
				.X	±.1	CHK JHL 03-19-2002	APPD JES 03-20-2002
				.XX	±.03	TITLE OUTLINE	SCALE 1=6
				.XXX	±.005	400T FR. - EXP. PROOF - (STD.)	REF
				.XXXX	±.0005	MAT'L	FMF
				CHK ANG	±7°30"	FINISH	PREV
				RFP	CAD FILE SS518936LN	SIZE B	DRAWING NO. PAGE OF REV.
				DIST WA		SS518936LN	2

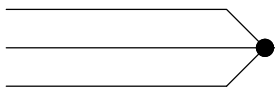
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ERROR: stackunderflow  
OFFENDING COMMAND: d

STACK:

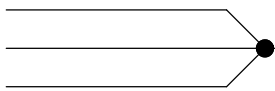
-dictionary-

T1  
T6  
T7



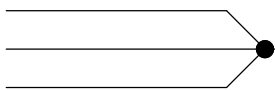
L1

T2  
T4  
T8



L2

T3  
T5  
T9



L3


## LOW VOLTAGE

T1



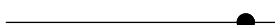
L1

T4  
T7



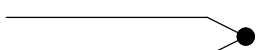
L2

T2



L2

T5  
T8




L2

T3



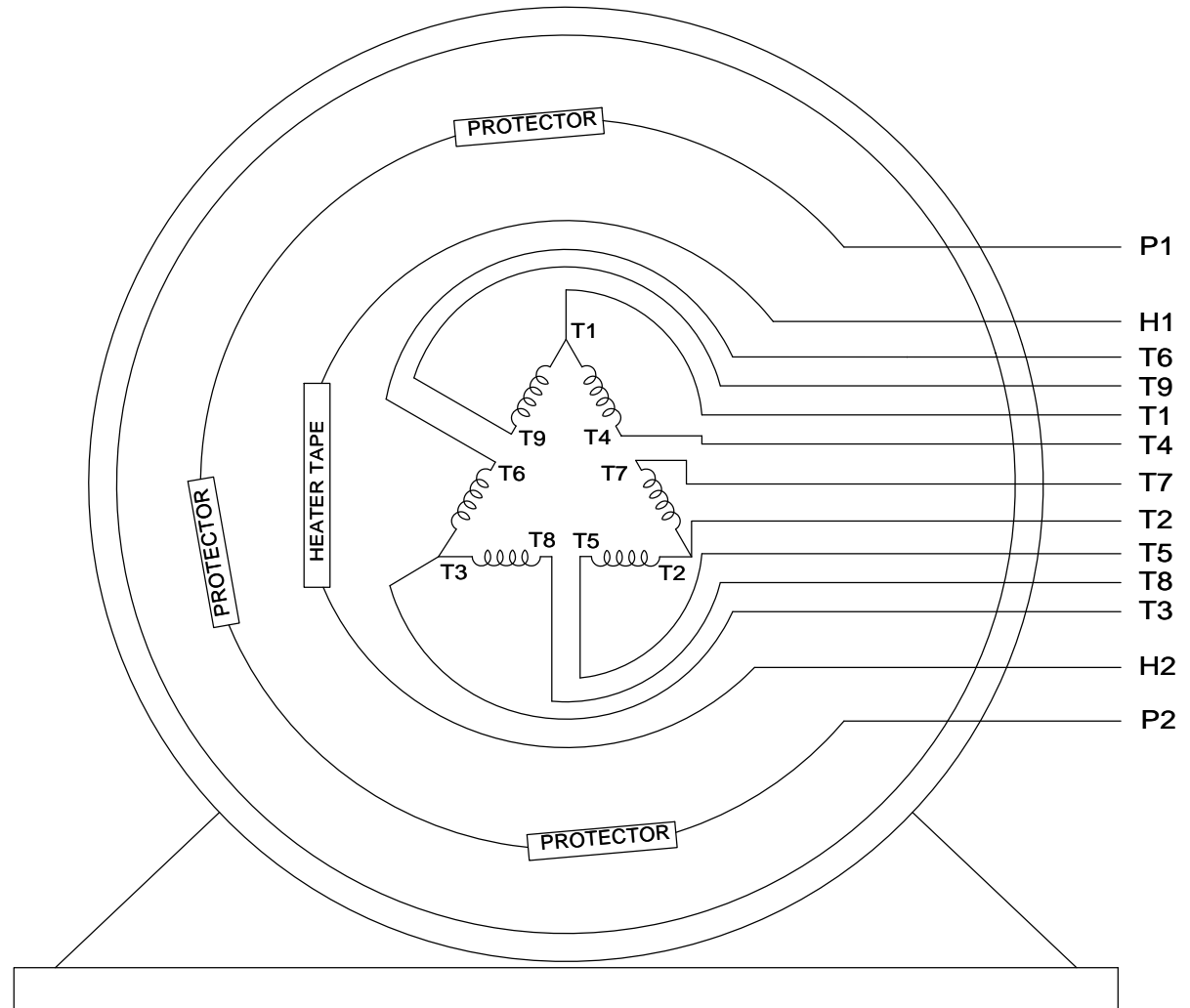
L3

T6  
T9



L3

## HIGH VOLTAGE



## VIEW OF TERMINAL END

DRAWING REVISION H	REVISION BY J. OTTO	DATE 09-22-2016
ECO ECO-0113440	APPROVED BY D. RESECH	DATE 09-22-2016
ECO DESCRIPTION		

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### TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±7' 30"
.XX	±0.02	[±0.51]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP  
 EDGES: .003/.015 [.076/.381] X 45°  
 CORNER FILLETS: R.02 [.51]

MACHINED SURFACES: 200 INCH  
 mm SHOWN IN [BRACKETS]

DRAWN BY  
PGK

DATE  
01-24-1997

APPROVED BY  
GK

DATE  
01-27-1997

REFERENCE

THIRD ANGLE  
PROJECTION



Regal Beloit America, Inc.

### DESCRIPTION

**CONN DIAGRAM-EXTERNAL**  
 DUAL VOLTAGE - HEATERS & T-STATS

MATERIAL

PROCESS/FINISH

SIZE  
A

DRAWING NUMBER

**EE7308AU**

SHEET  
1 OF 1

