PRODUCT INFORMATION PACKET

Model No: G150160.60
Catalog No: G150160.60
OBSOLETE - REPLACED BY 170160.60 - 100/75HP..3565/2971RPM.405.TEFC.208-230/460V.3PH.60/50HZ.CONT.NC
T.40C.1.15/1.15SF.RIGID.GENERAL PURPOSE.C405T34FB7D

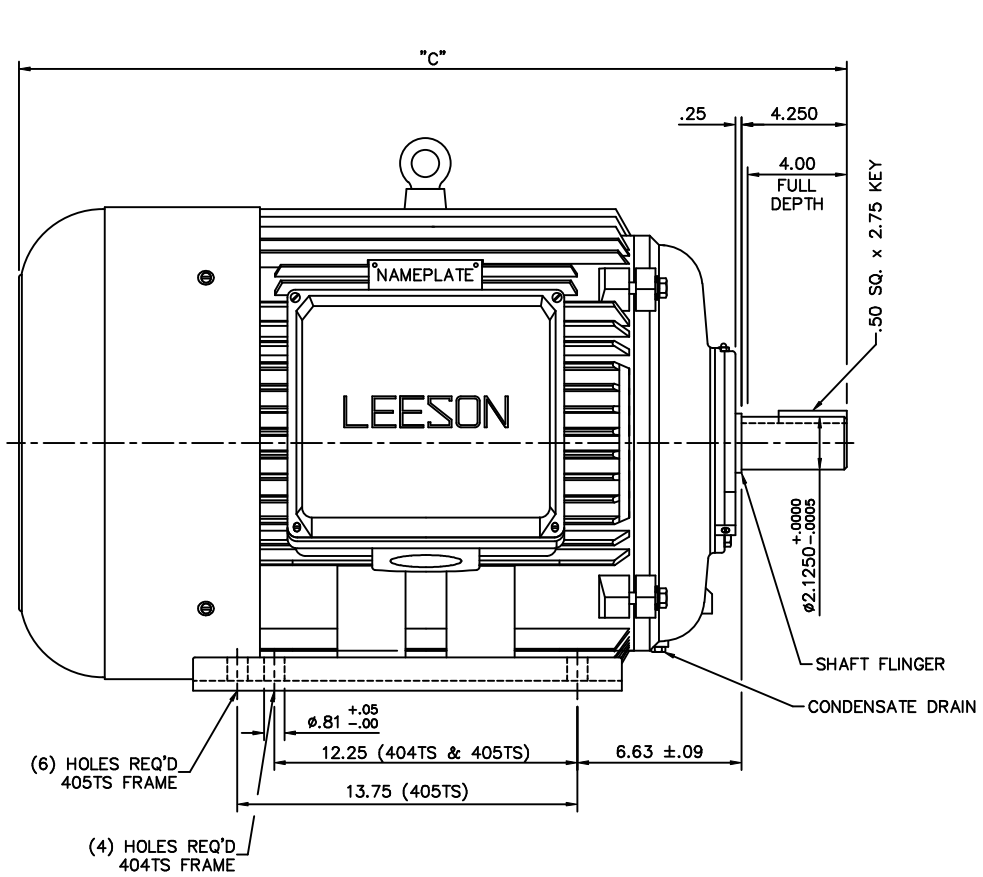
Nameplate Specifications

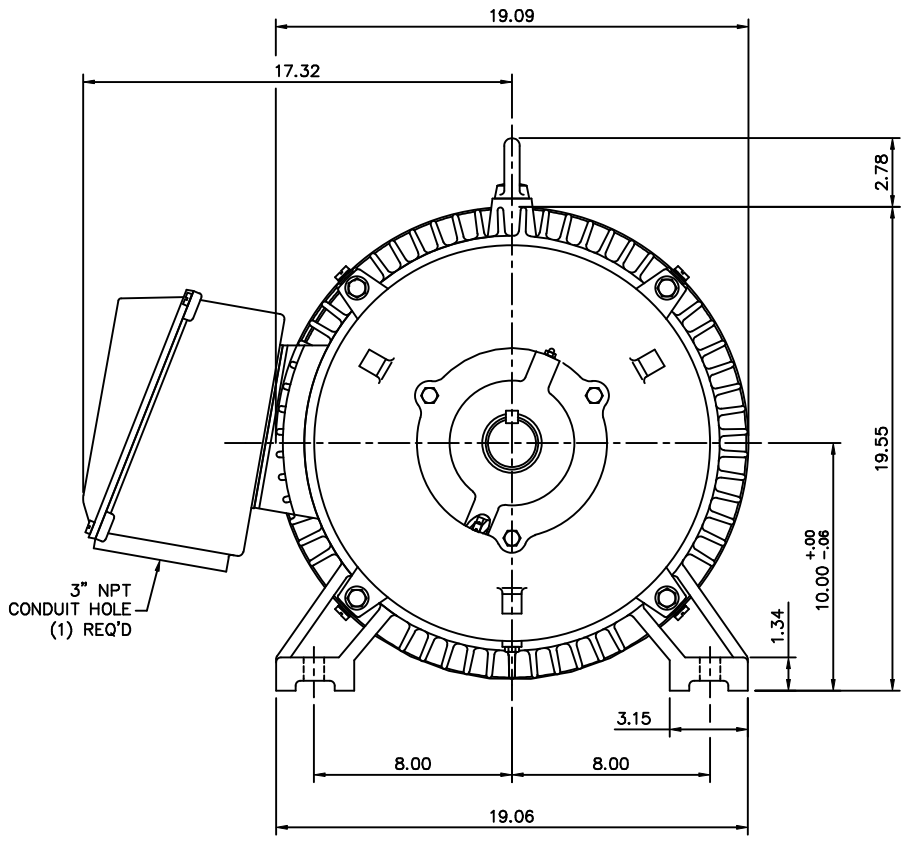
Phase	3	Output HP	100 & 75 Hp
Output KW	74.6 & 56.0 kW	Voltage	208-230/460 & 190/380 V
Speed	3565 & 2971 rpm	Service Factor	1.25 & 1.15
Frame	405TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93.6 & 93.6 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	242-220/110 & 199/99.5 A	Power Factor	90.2
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6314
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.0096 Ohms	Mounting	Rigid Base
Motor Orientation	Nan	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Assembly/Box Mounting	NAN
Outline Drawing	16954660	Connection Drawing	004172.01

169546-60





FRAME DESIGN	"C"
404TS	33.43
405TS	34.92

NO.	REVISION	BY	DATE
01	ADDED BASE HOLES FOR 405TS FRAME	JJK	07/16/99

TOLERANCES UNLESS OTHERWISE SPECIFIED	
DECIMALS	
.00	± .06
.000	± .005
.0000	± .0005
FRACTIONS	± 1/64
ANGLES	± 1/2°
INCH/MM	

LEESON ELECTRIC CORPORATION

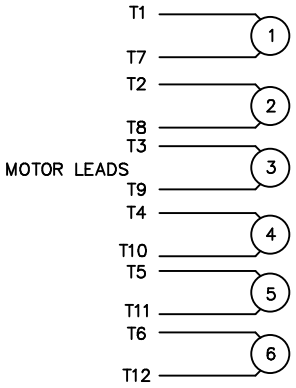
DRAWN	JJK 03/30/99
CH'K'D.	
APPR.	PG 03/31/99
SCALE	1=5
REF.	169506
FMF	
TITLE	OUTLINE – 400TS FRAME TEFC – RIGID
MAT'L.	CAST IRON
FINISH	
SIZE	B
DRAWING NO.	169546-60

```
ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

STACK:

/initialize
-dictionary-
/Pscript_WinNT_Compat
-dictionary-
```

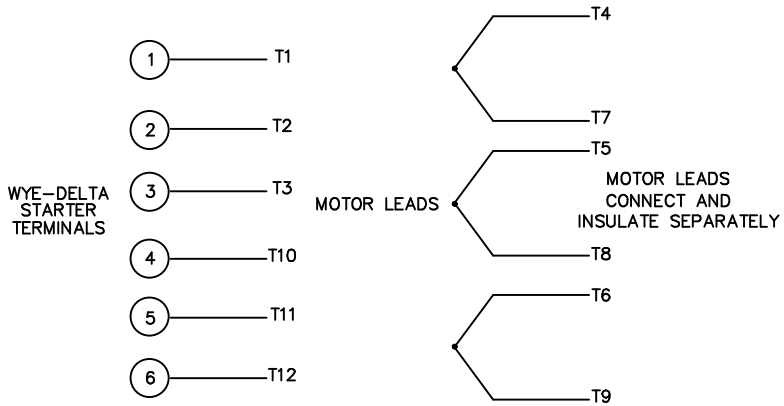
004172-01

WYE – DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.

LOW VOLTAGE CONNECTION

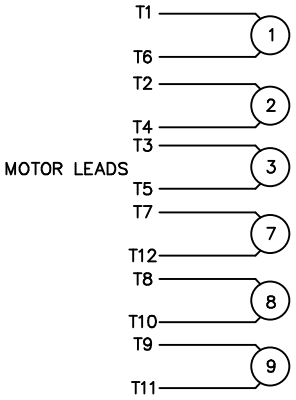


HIGH VOLTAGE CONNECTION



REFER TO THE WYE–DELTA STARTER CONNECTION INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.

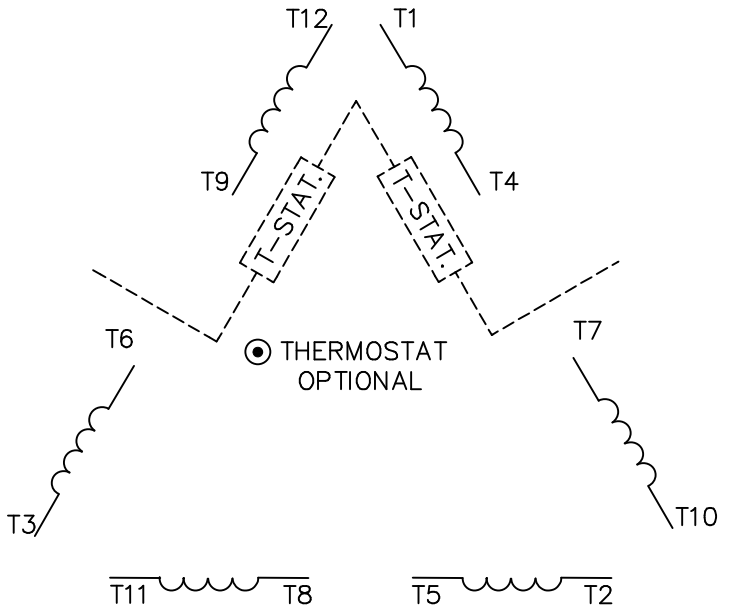
PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



REFER TO THE PART WINDING STARTER INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.

REFER TO THE CUTLER – HAMMER OR EQUIV. FOR PROPER SELECTION OF OVERLOAD HEATER COILS.

LINE LEADS



ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

⦿ RED LEADS OR P1, P2, FOR N/C THERMOSTAT

ACROSS THE LINE START & RUN

	LINE 1	LINE 2	LINE 3	JOIN & INSULATE SEPARATELY
HIGH VOLT	T1,T12	T2,T10	T3,T11	(T4,T7) (T5,T8) (T6,T9)
LOW VOLT	T1,T6 T7,T12	T2,T4 T8,T10	T3,T5 T9,T11	

NO.	REVISION	BY & DATE	CHK
03	REV'D LOW VOLTAGE CONN. LEADS PER ELEC.	BJB 06/07/00	
02	ADDED T–STAT. NOTES PER ELECTRICAL	KMM 06/02/98	
01	REDRAWN TO CAD	DBT 06/02/97	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.01
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE DELTA – WYE CONNECTION DIAGRAM

MAT'L.

FINISH

CAD FILE 00417201

RFP

DIST

DRAWN	WLW 09/08/77
CHK	RPB 09/12/77
APPD	JCW 09/12/77
SCALE	1=1
REF	
FMF	
PREV	

SIZE A | DRAWING NO. 004172–01 | REV. 03

6/28/2007 3:22:15 PM -