PRODUCT INFORMATION PACKET

Model No: C324T17FB5DAA
Catalog No: 170019.00
40 HP 1800 230/460 TEFC 324T PREM EFF
Totally Enclosed Fan Cooled (TEFC)

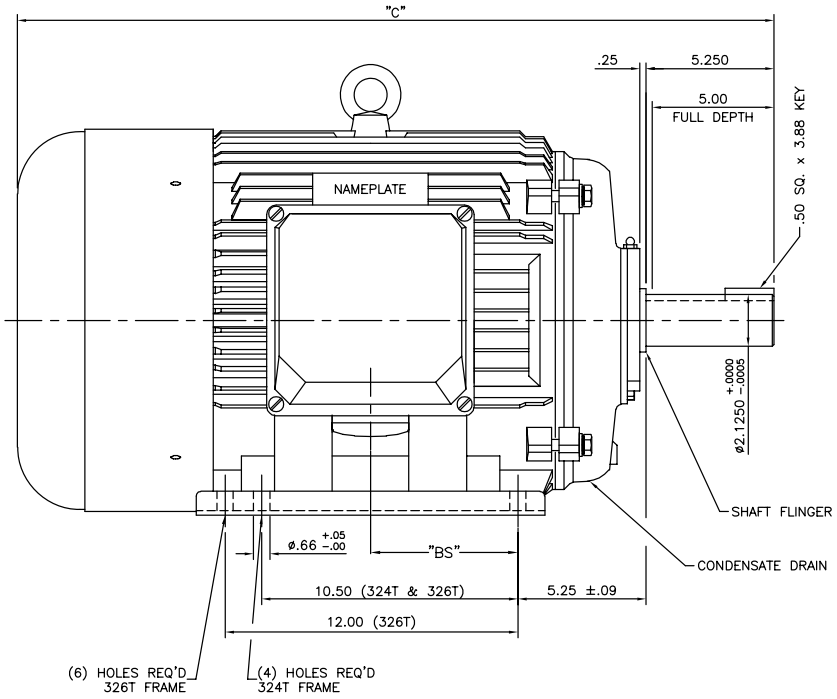
Nameplate Specifications

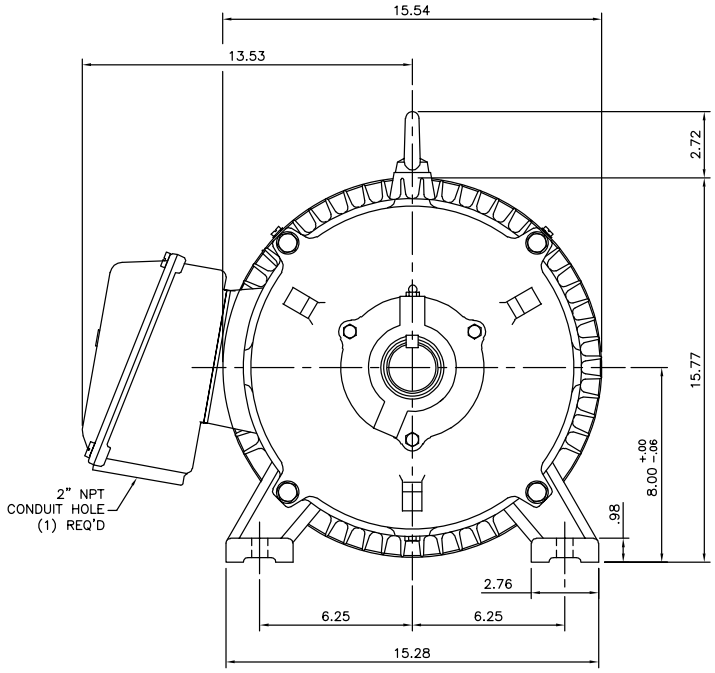
Output HP	**40 Hp**	Output KW	**30.0 kW**
Frequency	**60 Hz**	Voltage	**208-230/460 V**
Current	**100.0-92.0/46.0 A**	Speed	**1780 rpm**
Service Factor	**1.15**	Phase	**3**
Efficiency	**94.1 %**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**G**	Frame	**324T**
Enclosure	**Totally Enclosed Fan Cooled**	Overload Protector	**No**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6312**
Opp Drive End Bearing Size	**6312**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**43**		

Technical Specifications

Electrical Type	**Squirrel Cage Induction Run**	Starting Method	**Wye Start Delta Run**
Poles	**4**	Rotation	**Reversible**
Mounting	**Rigid base**	Motor Orientation	**Horizontal**
Drive End Bearing	**Ball**	Opp Drive End Bearing	**Ball**
Frame Material	**Cast Iron**	Shaft Type	**T**
Overall Length	**29.53 in**	Shaft Diameter	**2.125 in**
Shaft Extension	**5.25 in**	Assembly/Box Mounting	**F1/F2 CAPABLE**
Outline Drawing	**16954160LE**	Connection Diagram	**004172.03**

169541-60LE





FRAME DESIGN	"C"	"BS"
324T	29.53	5.30
326T	31.02	6.00

NO.	REVISION	BY & DATE	CHK
1	ADDED "BS" DIM. AND UPDATED TITLE BLOCK ECO-00	RFH 04/07/2014	EH

TOLERANCES UNLESS SPECIFIED

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

REGAL - BELOIT CORPORATION

TITLE OUTLINE – 320T FRAME
TEFC – RIDIG

MAT'L. CAST IRON

FINISH

CAD FILE 16954160LE

RFP

DIST

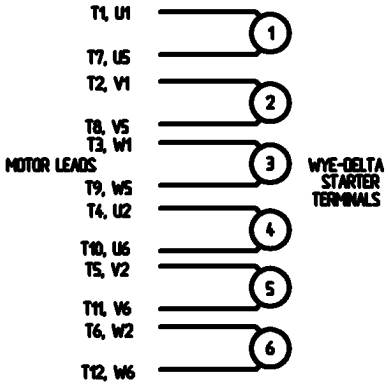
DRAWN JJK 03/29/99
CHK
APPD PG 03/31/99
SCALE N/A
REF 169504
FMF
PREV

SIZE A | DRAWING NO. 169541-60LE | PAGE 1 OF 1 | REV. 1

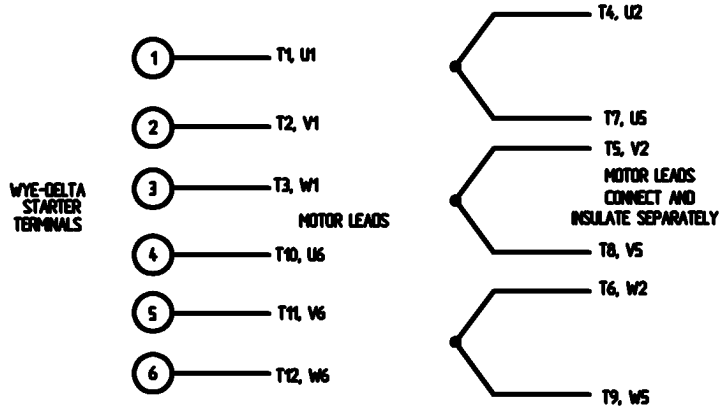
004172-03

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

LOW VOLTAGE CONNECTION

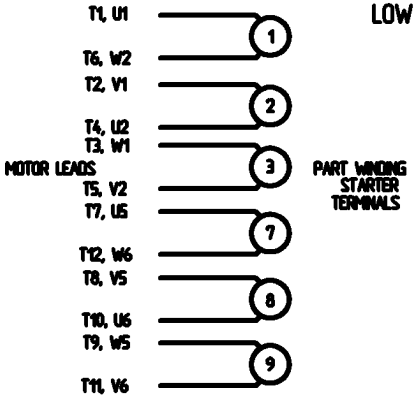


HIGH VOLTAGE CONNECTION



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

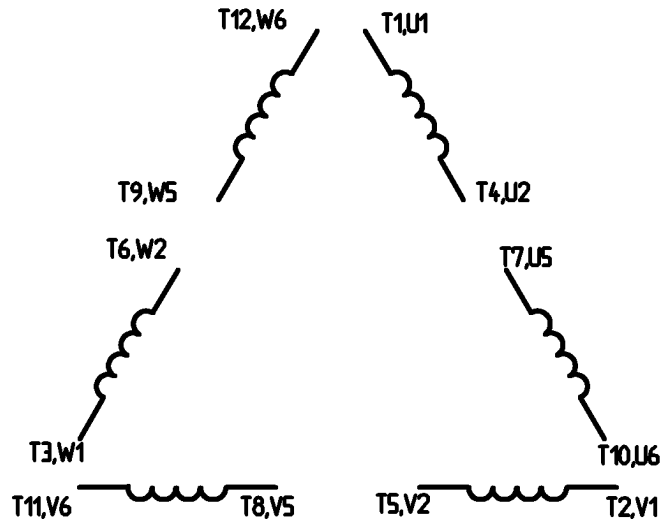
PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



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

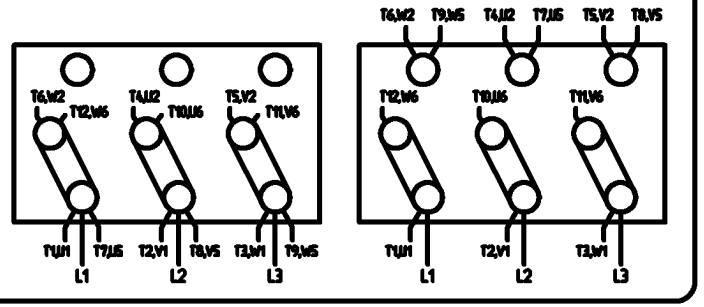


ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

12 LEAD DELTA CONNECTION ACROSS THE LINE START (FOR Y START DELTA RUN, REMOVE THE JUMPERS)

LOW VOLTAGE
(MUST BE REWIRED AS SHOWN)

HIGH VOLTAGE
(FACTORY WIRED FOR HIGH VOLTAGE AS SHOWN)



NO.	REVISION	BY & DATE	CHK

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
IEC CAST IRON MOTORS

MAT'L:
FINISH:

DRAWN: CJW 08/28/02
CHK:
APPD:
SCALE: 1=1
REF:
FMF:
PREV:

RFP:
DIST:
CAD FILE: 00417203

SIZE: A
DRAWING NO.: 004172-03
REV.:

ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

STACK:

/CB
-dictionary-
/Pscript_WinNT_Compat
-dictionary-