PRODUCT INFORMATION PACKET

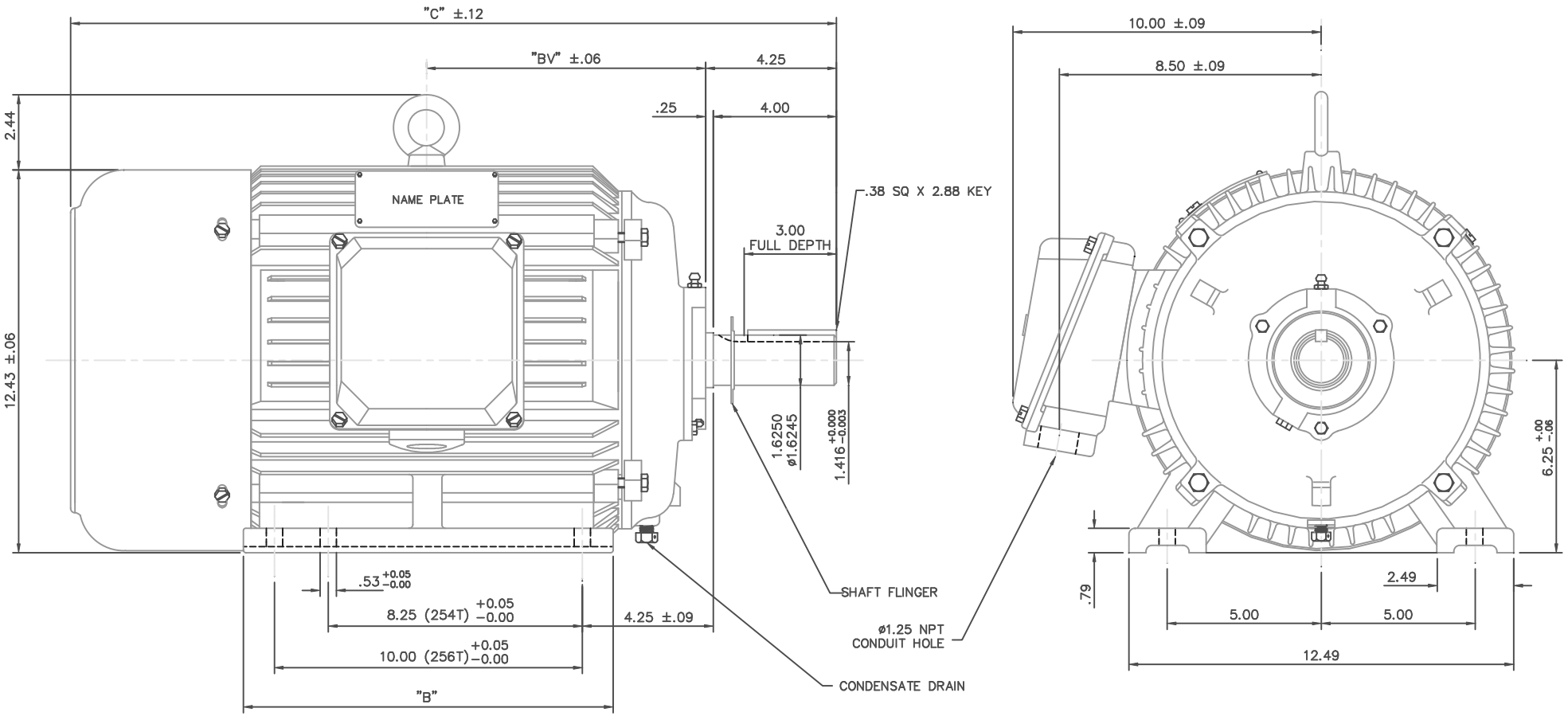
Model No: AA
Catalog No: 170122.00
7.5 HP 1200 230/460 TEFC 254T PREM EFF
Totally Enclosed Fan Cooled (TEFC)

Nameplate Specifications

Output HP	**7.50 Hp**	Output KW	**5.6 kW**
Frequency	**60 Hz**	Voltage	**208-230/460 V**
Current	**23.0-22.2/11.1 A**	Speed	**1185 rpm**
Service Factor	**1.15**	Phase	**3**
Efficiency	**91.7 %**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**H**	Frame	**254T**
Enclosure	**Totally Enclosed Fan Cooled**	Overload Protector	**No**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6309**
Opp Drive End Bearing Size	**6308**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**43**		

Technical Specifications

Electrical Type	**Squirrel Cage Induction Run**	Starting Method	**Wye Start Delta Run**
Poles	**6**	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	**23.19 in**	Shaft Diameter	**1.625 in**
Shaft Extension	**4 in**	Assembly/Box Mounting	**F1/F2 CAPABLE**
Outline Drawing	**16953860**	Connection Diagram	**004172.03**



NOTE: 256T HAS 6 MTG. HOLES, USING BOTH 254T AND 256T "2F" LOCATIONS.

FRAME	"C"	"B"	"BV"
254T	23.19	10.25	8.19
256T	24.92	12.00	9.06

NO.	REVISION	BY & DATE	CH'K'D.
01	REDRAWN TO CURRENT CAD STANDARDS	CJK 8/3/01	

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

TOLERANCES UNLESS OTHERWISE SPECIFIED		
DEC.	INCHES	METRIC
.X	±.1	±2.5
.XX	±.03	±.76
.XXX	±.005	±.127
.XXXX	±.0005	±.0127
FRACTIONS	±1/64	
ANGLES	±1/2°	

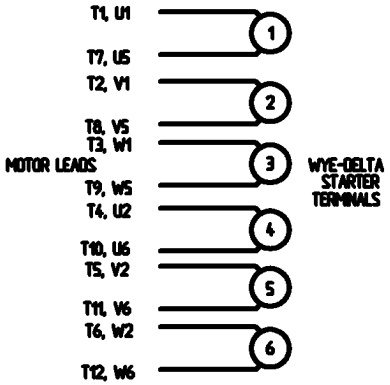
LEESON ELECTRIC CORPORATION

DRAWN DRZ 05/22/01	TITLE: OUTLINE – 250 FRAME TEFC – RIGID, NEW CON-BOX
APPR.	
R.F.P.	MAT'L.: CAST IRON
SCALE 5=16	
REF.	FINISH
FMF	REV. 01
	DRAWING NO. 169538-60

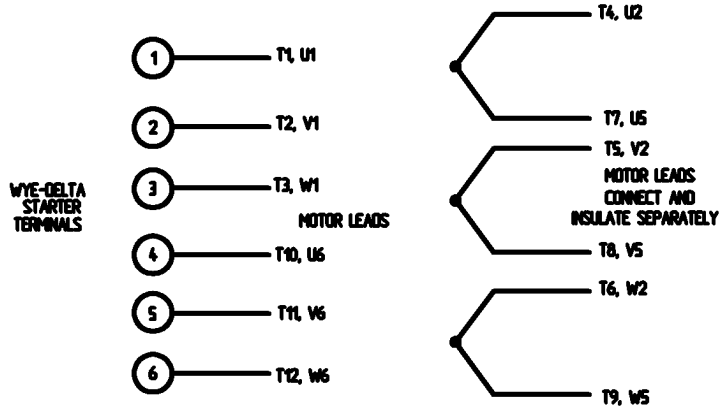
004172-03

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

LOW VOLTAGE CONNECTION

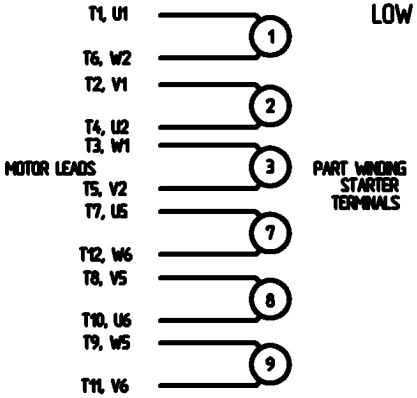


HIGH VOLTAGE CONNECTION



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

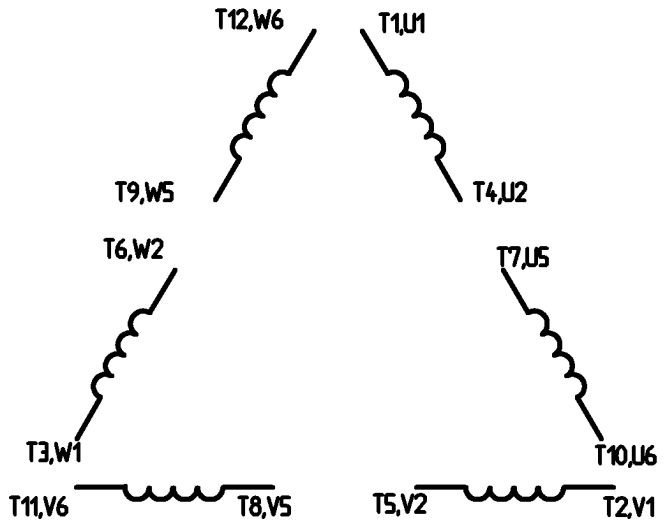
PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



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.

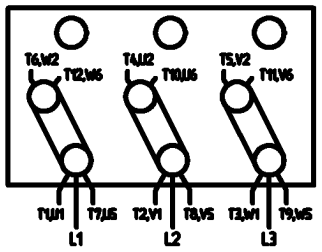
LINE LEADS



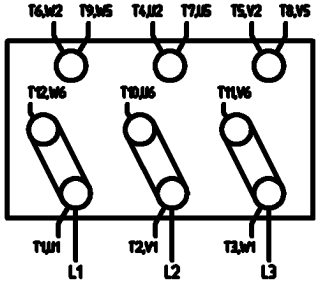
ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

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)



				TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	CJW 08/28/02
				DEC.	INCHES		CHK	
				X	± .1		APPD	
				XX	± .01	TITLE DELTA - WYE CONNECTION DIAGRAM IEC CAST IRON MOTORS	SCALE	1=1
				XXX	± .005		REF	
				XXXX	± .0005	MAT'L	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	± 1/2°	FINISH	PREV	

RFP	CAD FILE 00417203	SIZE A	DRAWING NO. 004172-03	REV.
DIST				

ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

STACK:

/CB
-dictionary-
/Pscript_WinNT_Compat
-dictionary-