PRODUCT INFORMATION PACKET

Model No: G151352.60
Catalog No: G151352.60
Obsolete in the US,
by 171352.60 - 20HP..1800RPM.256TC.TEFC.230/460V.3PH.60Hz.CONT.40C.1.25SF.C Face Less Base.C256T17FC4

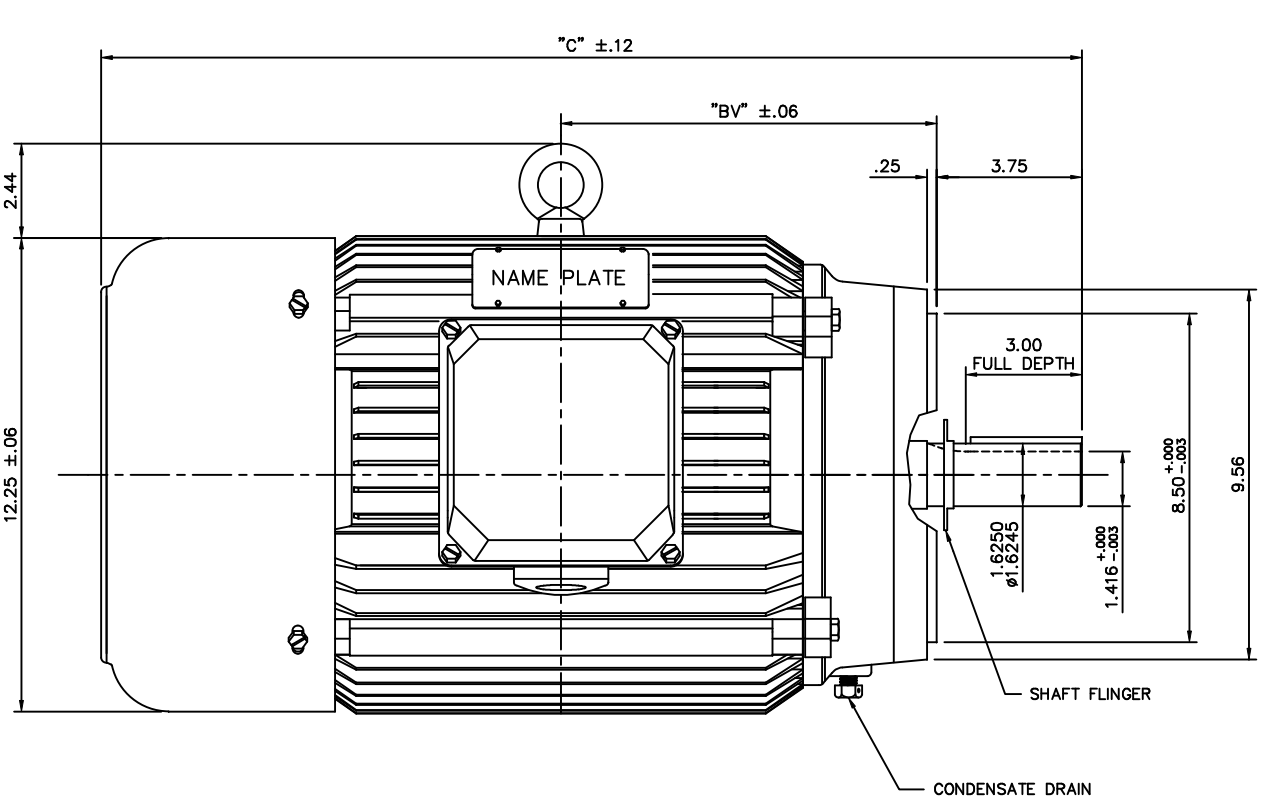
Nameplate Specifications

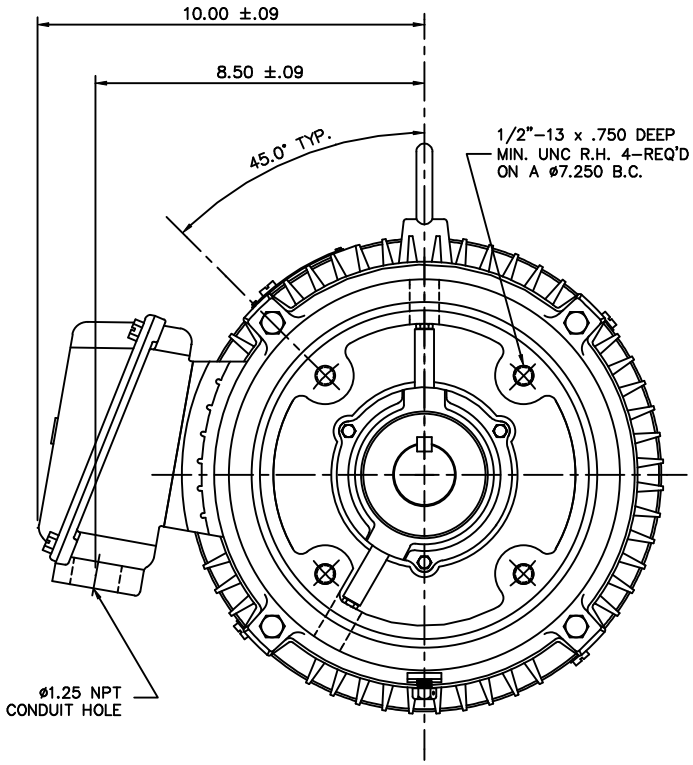
Phase	3	Output HP	20 & 15 Hp
Output KW	14.9 & 11.2 kW	Voltage	208-230/460 & 190/380 V
Speed	1755 & 1460 rpm	Service Factor	1.15 & 1.15
Frame	256TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 & 91 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	57-52.5/26.3 & 48.5/24.2 A	Power Factor	77.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6308
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.3937 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 10:1		
Outline Drawing	16957860	Connection Drawing	004172.01

169578-60





FRAME	"C"	"BV"
254T	23.80	9.16
256T	25.50	10.01

NO.	REVISION	BY & DATE	CH'K'D.
01	REDRAWN TO CURRENT CAD STANDARDS	CJK 8/20/01	

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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 05/29/01	TITLE: OUTLINE – 250T FRAME, TEFC "C"-FACE, NEW CON-BOX
APPR.	
R.F.P.	MAT'L.: CAST IRON
SCALE 5=16	FINISH
REF.	REV.: 01
FMF	DRAWING NO.: 169578-60

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ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

STACK:

/bd
-dictionary-
/Pscript_WinNT_Compat
-dictionary-
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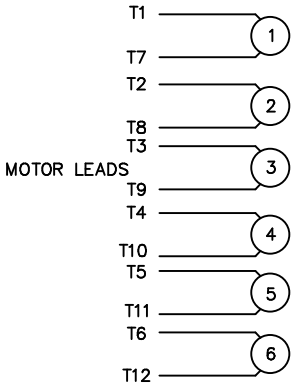
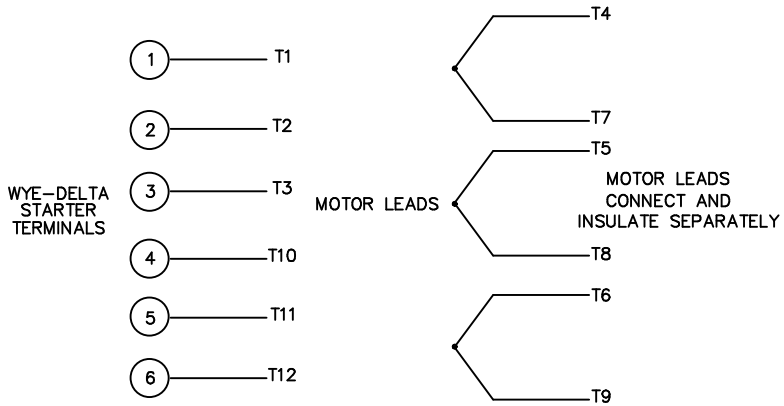
004172-01

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

LOW VOLTAGE CONNECTION

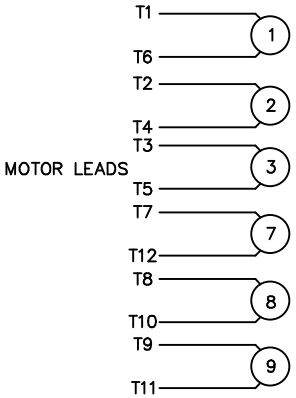


HIGH VOLTAGE CONNECTION



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

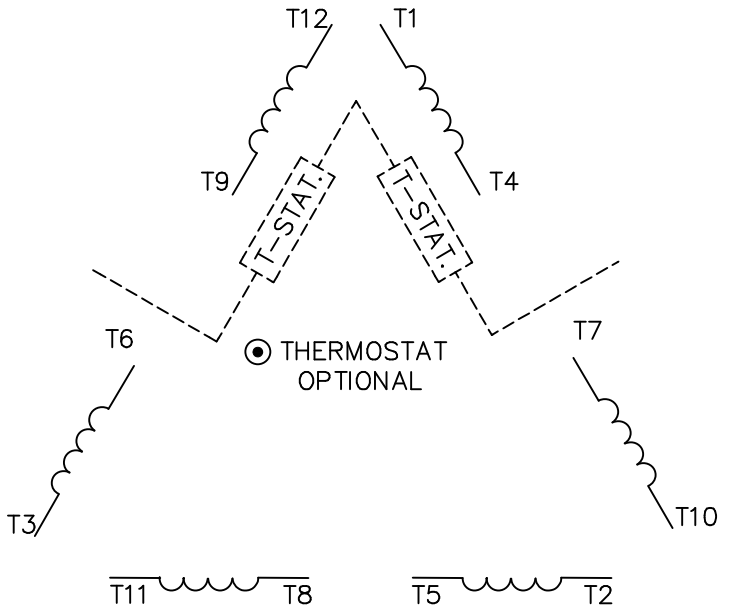
PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



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

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