PRODUCT INFORMATION PACKET

Model No: 150282.22
Catalog No: 150282.22
D BY G150282.22 - 10HP..840RPM.284.TEFC.208-230/460V.3PH.60HZ.CONT.NOT.40C.1.15SF.RIGID.GENERAL PU
Miscellaneous

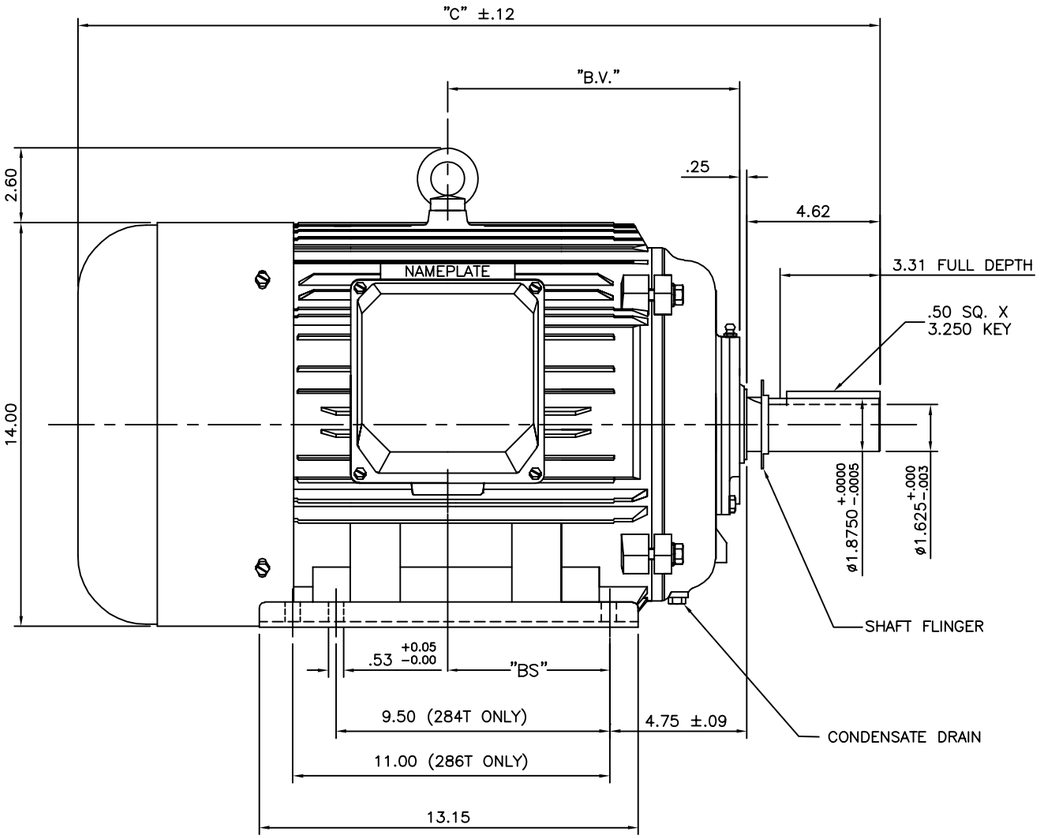
Nameplate Specifications

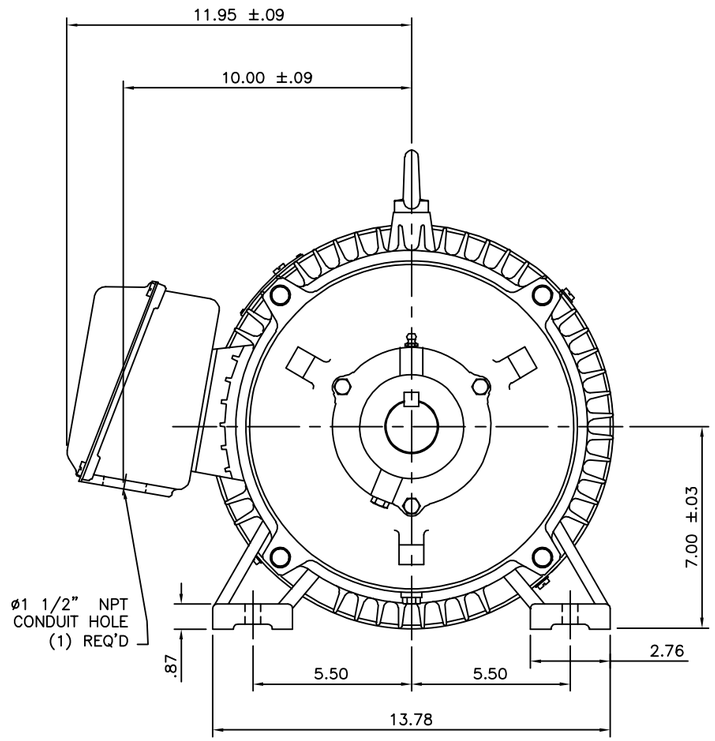
Output HP	**10 Hp**	Output KW	**7.5 kW**
Frequency	**60 Hz**	Voltage	**208-230/460 V**
Current	**26.0/13.0 A**	Speed	**840 rpm**
Service Factor	**1.15**	Phase	**3**
Efficiency	**88.8 %**	Power Factor	**81.5**
Duty	**Continuous**	Insulation Class	**F**
Design Code	**B**	KVA Code	**G**
Frame	**284T**	Enclosure	**Totally Enclosed Fan Cooled**
Thermal Protection	**No**	Ambient Temperature	**40 °C**
Drive End Bearing Size	**6311**	Opp Drive End Bearing Size	**6309**
UL	**Recognized**	CSA	**Y**
CE	**N**	IP Code	**43**
Number of Speeds	**1**		

Technical Specifications

Electrical Type	**Squirrel Cage Induction Run**	Starting Method	**Across The Line**
Poles	**8**	Rotation	**Reversible**
Resistance Main	**1.246 Ohms**	Mounting	**Rigid Base**
Motor Orientation	**Nan**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**T**	Assembly/Box Mounting	**NAN**
Outline Drawing	**16953960**	Connection Drawing	**004172.01**

169539-60





NOTE: 286T HAS 6 MTG. HOLES,
USING 284T AND 286T LOCATIONS

FRAME DESIGN	"C"	"BV"	"BS"
284T	26.26	9.65	
286T	27.83	10.43	5.51

NO.	REVISION	BY & DATE	CHK
03	ECO-0048910, REVISED 'BA' DIM.	RFH 04/04/14	EH
02	REDRAWN TO CURRENT CAD STANDARDS	CJK 07/13/99	
01	ADDED HOLE FOR 286T BASE	JJK 11/01/01	

TOLERANCES UNLESS SPECIFIED

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

REGAL - REGAL-BELOIT CORPORATION

TITLE OUTLINE-280T FRAME, TEFC-RIGID
NEW CONDUIT BOX

MAT'L CAST IRON

FINISH

CAD FILE

RFP

DIST

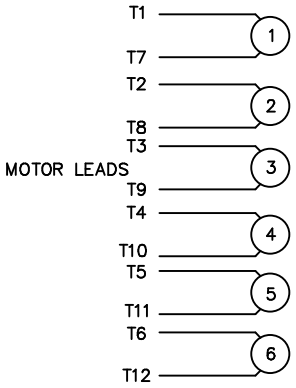
DRAWN CJK 07/16/01
CHK
APPD
SCALE N/A
REF
FMF
PREV

SIZE	DRAWING NO.	PAGE	OF	REV.
A	169539-60			03

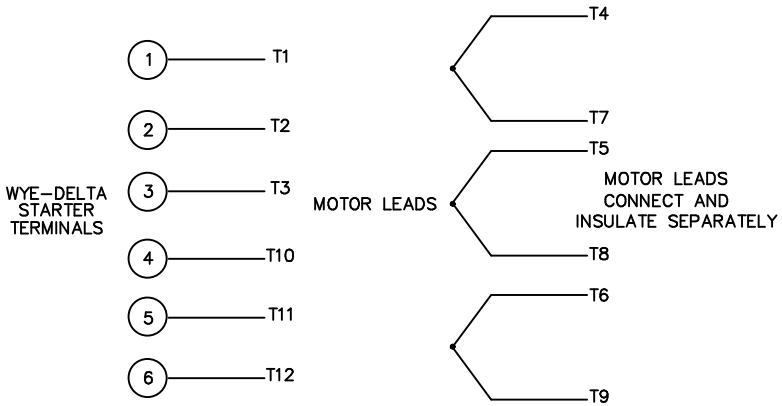
004172-01

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

LOW VOLTAGE CONNECTION

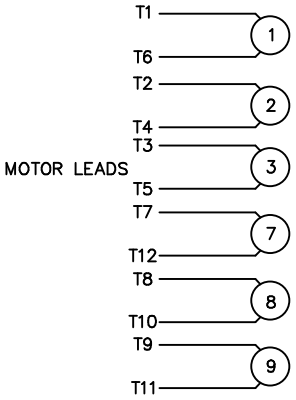


HIGH VOLTAGE CONNECTION



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

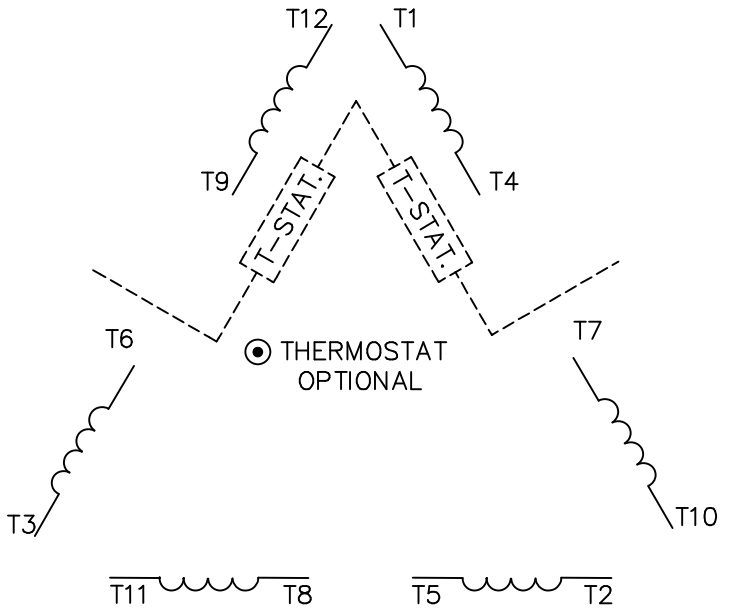
PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



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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