PRODUCT INFORMATION PACKET

Model No: G150011.60
Catalog No: G150011.60
OBSOLETE - REPLACED BY 170011.60 - 25HP..1775/1475RPM.284.TEFC.208-230/460V.3PH.60/50HZ.CONT.NOT.40
C.1.15/1.15SF.RIGID.GENERAL PURPOSE.C284T17FB7C

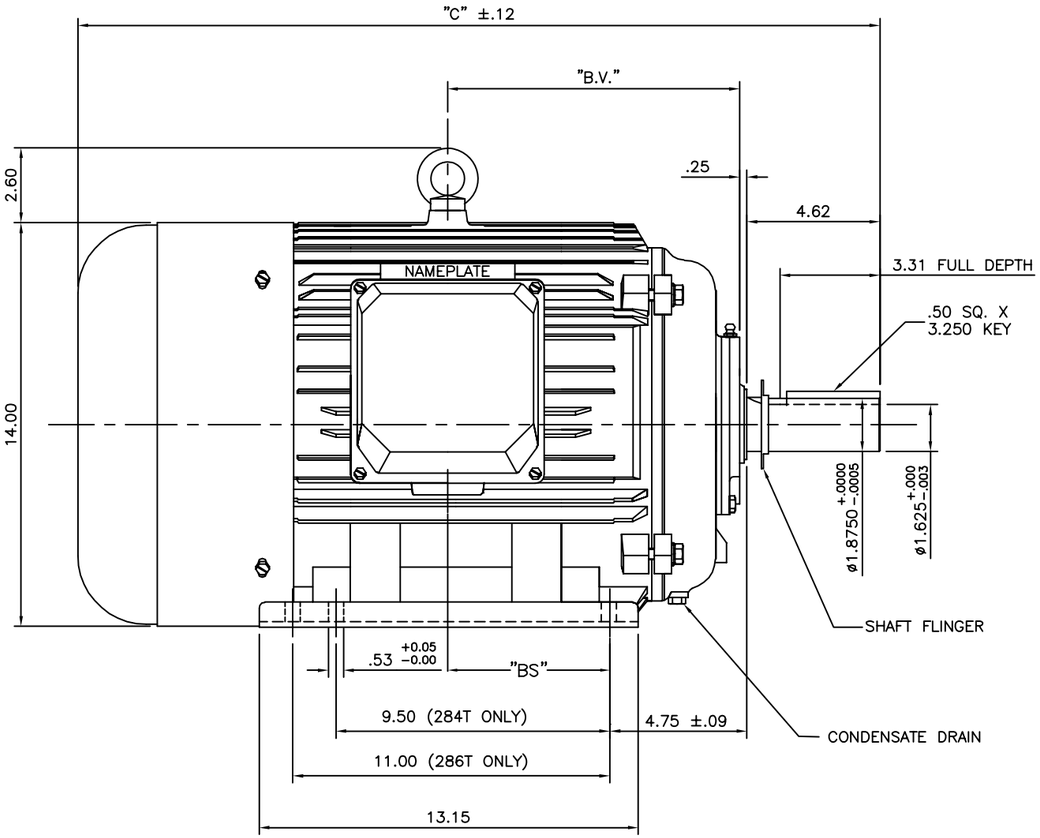
Nameplate Specifications

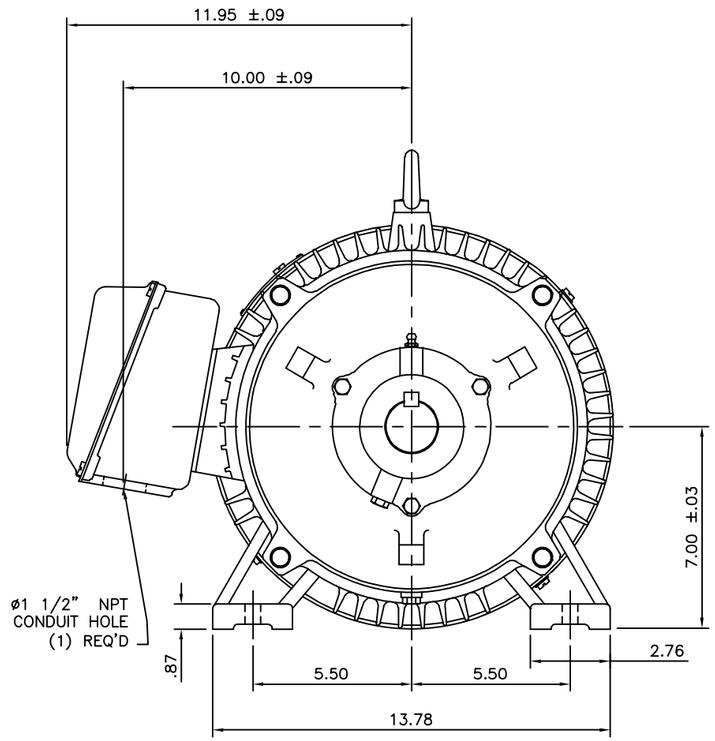
Phase	3	Output HP	25 & 20 Hp
Output KW	18.7 & 15.0 kW	Voltage	208-230/460 & 190/380 V
Speed	1775 & 1475 rpm	Service Factor	1.25 & 1.15
Frame	284T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	92.4 & 92.4 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	63.4-58.8/29.4 & 57.0/28.5 A	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6309
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	4	Rotation	Reversible
Resistance Main	.067 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

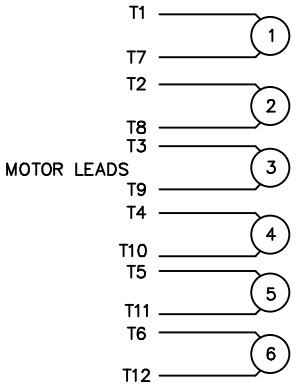
MAT'L CAST IRON
FINISH
CAD FILE
RFP
DIST

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

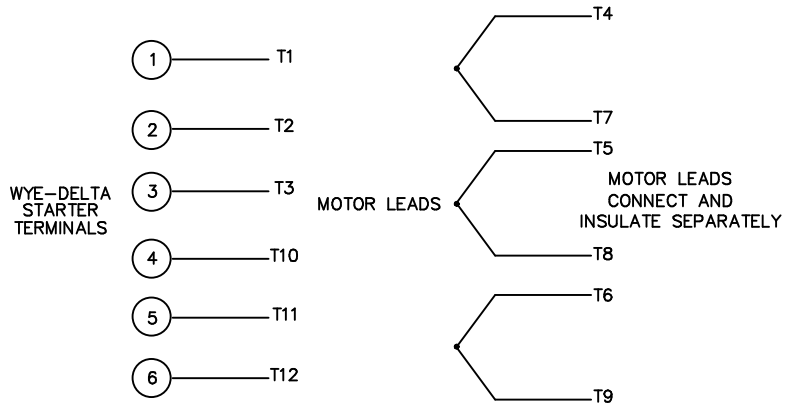
SIZE A | DRAWING NO. 169539-60 | PAGE OF | REV. 03

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

LOW VOLTAGE CONNECTION

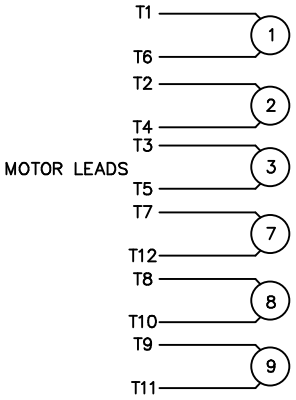


HIGH VOLTAGE CONNECTION



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

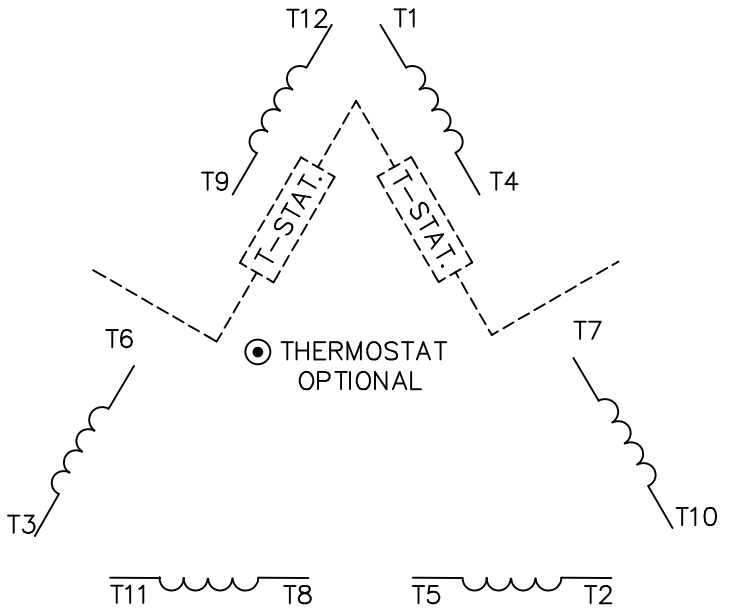
PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



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

⦿ 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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