PRODUCT INFORMATION PACKET

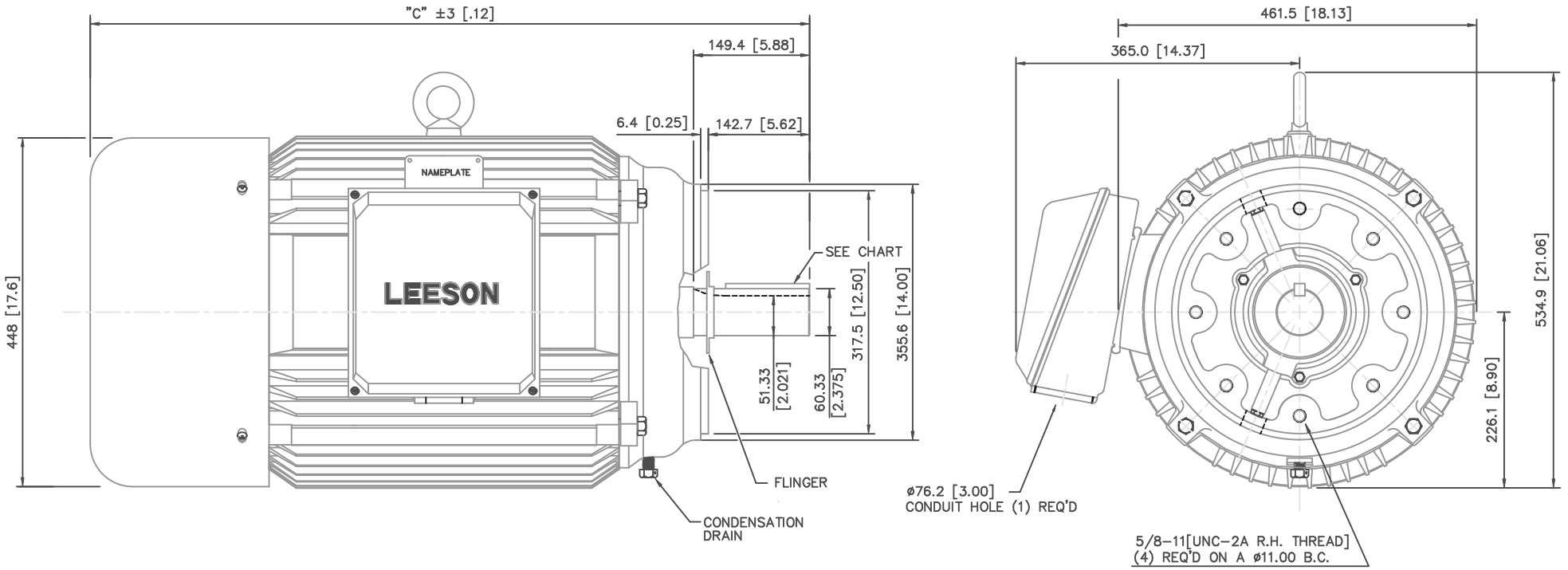
Model No: G151519.60
Catalog No: G151519.60
Obsolete, replaced by 171519.60 -..60HP..1800RPM.364TC.TEFC.230/460V.3PH.60HZ.CONT.40C..C-FACE.....
Miscellaneous

Nameplate Specifications

Output HP	60 Hp	Output KW	45.0 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	154.0-140.0/70.0 A	Speed	1770 rpm
Service Factor	1.15	Phase	3
Efficiency	92.7 %	Power Factor	86.6
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	364TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.0304 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	F2/F1 CAPABLE
Outline Drawing	16958160	Connection Drawing	00417201



FRAME	"C"	"KEY" WIDTH	"KEY" THICK	"KEY" LENGTH
364T	829.1 [32.64]	15.88 [0.625]	15.88 [0.625]	107.95 [4.250]
365T	853.9 [33.62]	15.88 [0.625]	15.88 [0.625]	107.95 [4.250]

NO.	REVISION	BY	DATE

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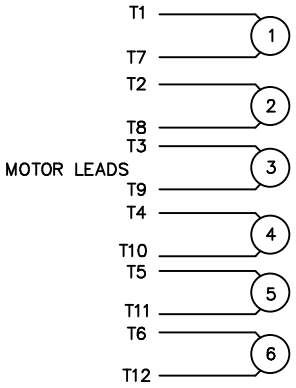
TOLERANCES UNLESS OTHERWISE SPECIFIED		
DECIMALS		
.00	± .01	DRAWN ADS 04/29/99
.000	± .005	CH'K'D.
.0000	± .0005	APPR.
FRACTIONS	± 1/64	SCALE 1=5
ANGLES	± 1/2°	REF.
INCH/MM		FMF

LEESON ELECTRIC CORPORATION

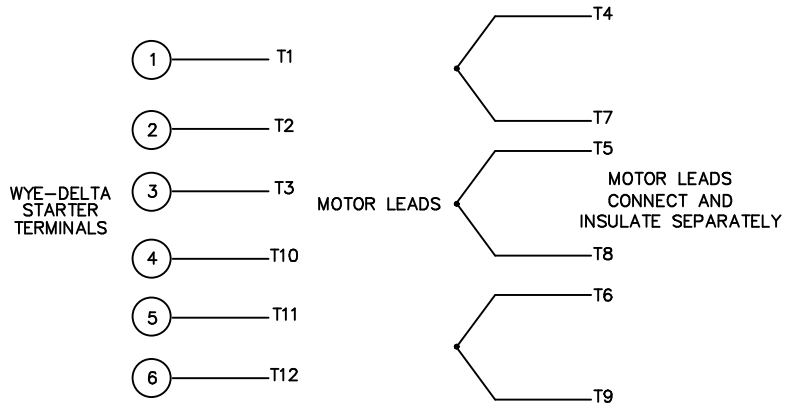
TITLE	OUTLINE, 360 FRAME TEFC "C"-FACE NEC COMPLIANT CON-BOX VOLUME = 7980 CC		
MAT'L.	CAST IRON		
FINISH	HEBEI	SIZE B	DRAWING NO. 169581-60

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

LOW VOLTAGE CONNECTION

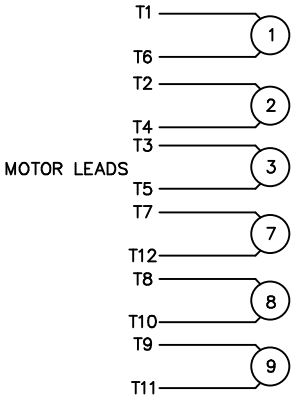


HIGH VOLTAGE CONNECTION



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

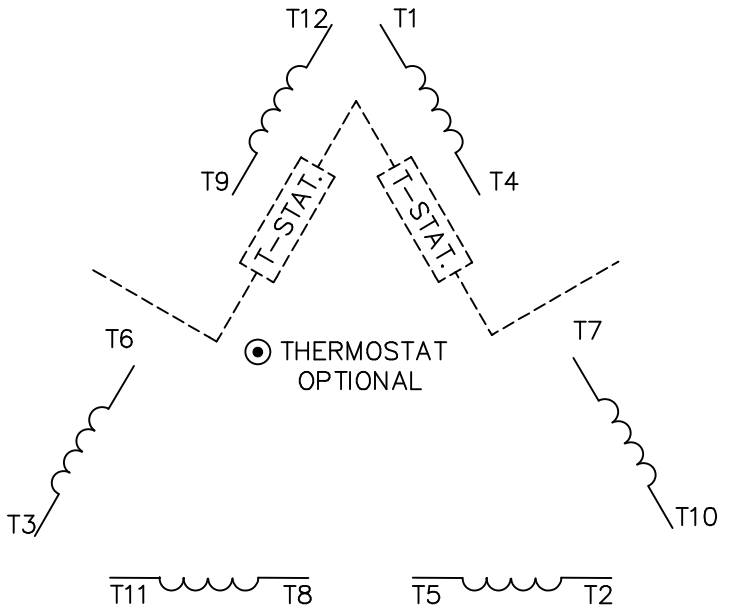
PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



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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