

# PRODUCT INFORMATION PACKET



Model No: G151685.60  
Catalog No: G151685.60

Obsolete in the US,

replaced by 171685.60 - 25HP..3600RPM.256TC.ODP.230/460V.3PH.60HZ.CONT.40C..C-FACE.....



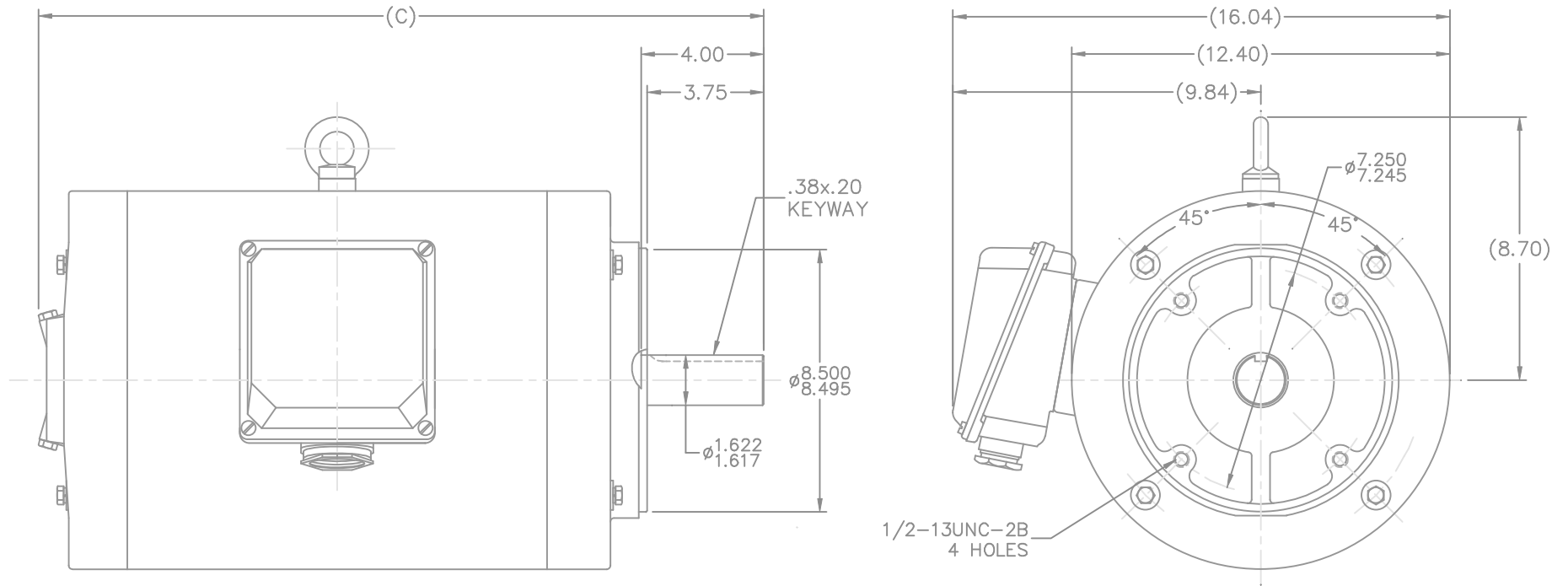
## Nameplate Specifications

Phase	3	Output HP	25 & 20 Hp
Output KW	18.7 & 14.9 kW	Voltage	208-230/460 & 190/380 V
Speed	3540 & 2945 rpm	Service Factor	1.15 & 1.15
Frame	256TC	Enclosure	Drip Proof
Thermal Protection	Thermostat	Efficiency	91 & 91 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	62-57/28.5 & 54/27 A	Power Factor	90
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

## Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.0941 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 2:1		
Outline Drawing	SS622037LE	Connection Drawing	004172.01

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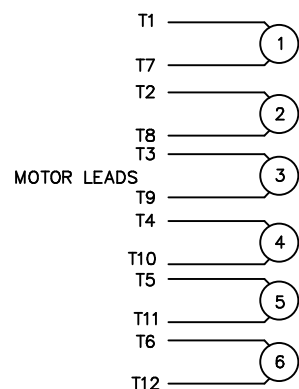


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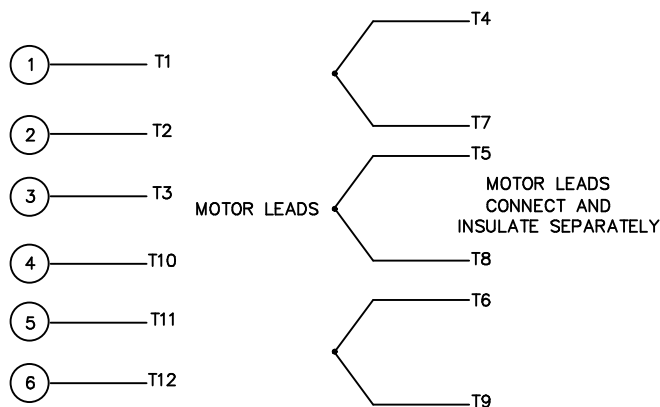
FRAME	C
N254TC-2	21.38
N254TC-4	21.38
N256TC-2	23.03
N256TC-4	23.03

		TOLERANCES UNLESS SPECIFIED		<div>LEESON</div> <div>ELECTRIC MOTORS GEARMOTORS AND DRIVES</div>	DRAWN RWR 07-29-2005	
		DEC.	INCHES		CHK	ML 08-16-2005
		.X	±.1		APPD	
		.XX	±.03		SCALE	5=18
		.XXX	±.005		REF	
		.XXXX	±.0005	TITLE OUTLINE		FMF HE BEI ELEC. MOTR
				N250TCG FRAME -(ODP) -NO BASE		PREV N250TCG(ODP)N/B
				MAT'L		
				FINISH		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	
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			RFP	CAD FILE SS622037LE		SIZE B
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					SS622037LE	

## HIGH VOLTAGE CONNECTION



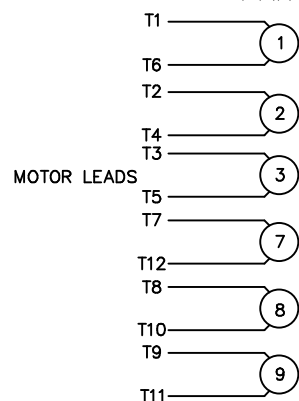
WYE-DELTA  
STARTER  
TERMINALS



MOTOR LEADS  
CONNECT AND  
SULATE SEPARATELY

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

PART WINDING  
STARTER  
TERMINALS

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.



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	

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN WLW 09/08/77	
				DEC.	INCHES			CHK RPB 09/12/77	
				.X	±.1			APPD JCW 09/12/77	
03	REV'D LOW VOLTAGE CONN. LEADS PER ELEC.	BJB 06/07/00		.XX	±.01	TITLE DELTA – WYE CONNECTION DIAGRAM		SCALE 1=1	
02	ADDED T–STAT. NOTES PER ELECTRICAL	KMM 06/02/98		.XXX	±.005			REF	
01	REDRAWN TO CAD	DBT 06/02/97		.XXXX	±.0005	MAT'L.		FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV	
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