

PRODUCT INFORMATION PACKET



Model No: LM60007

Catalog No: LM60007

Obsolete, replaced by LM60038 15HP,1800,TEFC,254T,3/60/50/208-230/460

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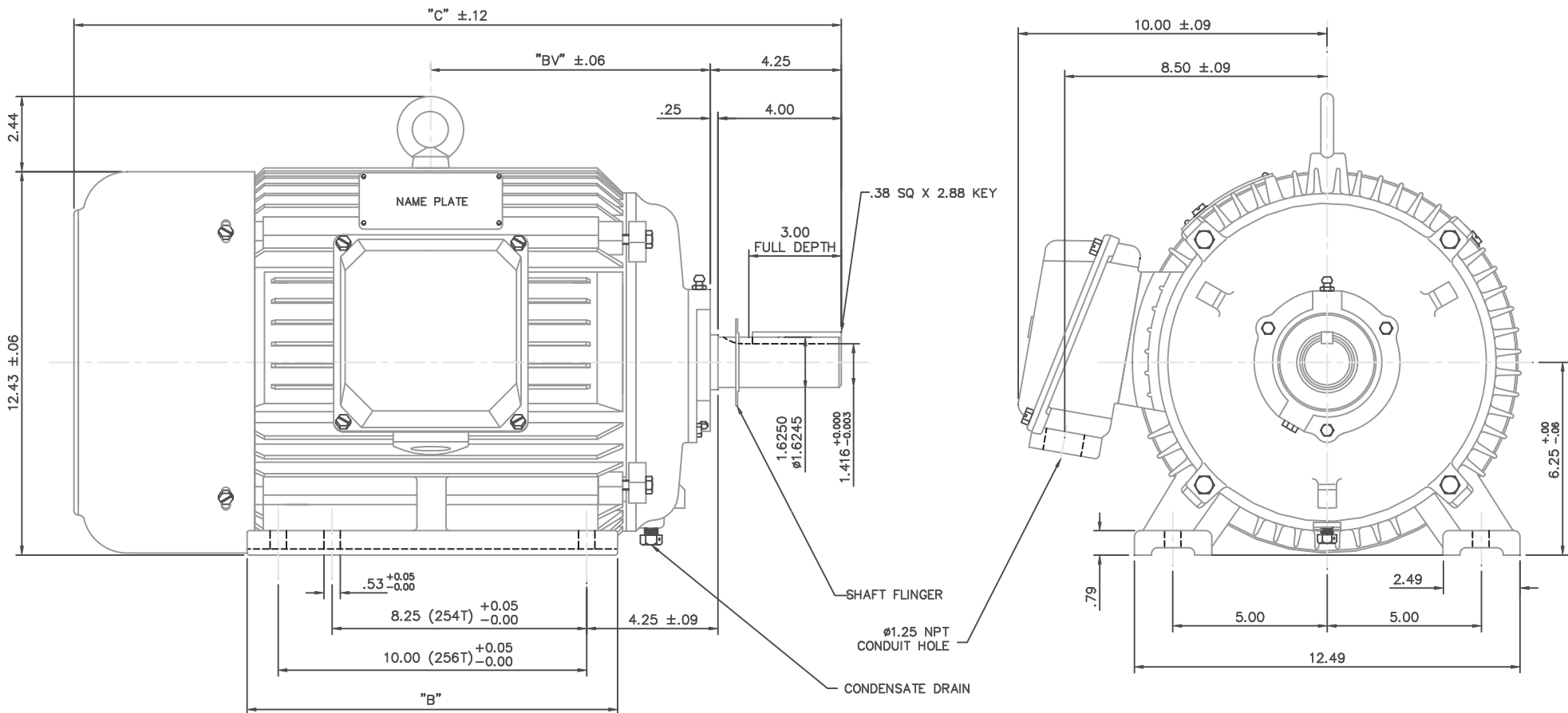
Nameplate Specifications

Phase	3	Output HP	15 & 10 Hp
Output KW	11.2 & 7.5 kW	Voltage	208-230/460 & 190/380 V
Speed	1765 & 1470 rpm	Service Factor	1.15 & 1.15
Frame	254T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	39.2-36.6/18.3 & 30.4/15.2 A	Power Factor	84
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	NONE	Opp Drive End Bearing Size	NONE
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	.532 Ohms	Mounting	Rigid Base
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
Outline Drawing	16953860LN	Connection Drawing	004172.01LN

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NOTE: 256T HAS 6 MTG. HOLES, USING BOTH 254T AND 256T "2F" LOCATIONS.

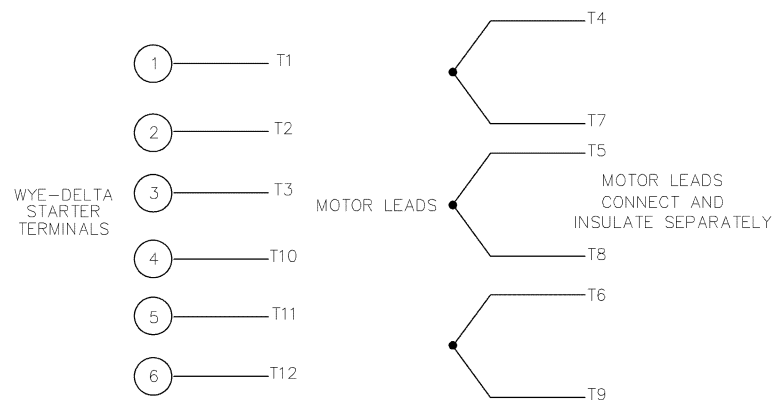
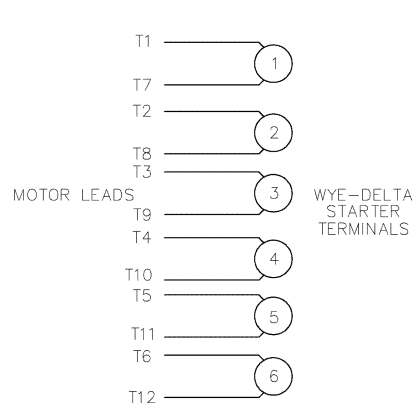
FRAME	"C"	"B"	"BV"
254T	23.19	10.25	8.19
256T	24.92	12.00	9.06

				TOLERANCES UNLESS SPECIFIED			DRAWN DRZ 05/22/01
				DEC.	INCHES		CHK
				.X	±.1		APPD
				.XX	±.03	TITLE OUTLINE – 250 FRAME TEFC – RIGID, NEW CON–BOX	SCALE 5=16
				.XXX	±.005		REF
				.XXXX	±.0005		FMF
01	REDRAWN TO CURRENT CAD STANDARDS	CJK 8/3/01		.XXXX	±.0005	MAT'L CAST IRON	PREV
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	
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				DIST			DRAWING NO. 169538–60LN
							REV. 01

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

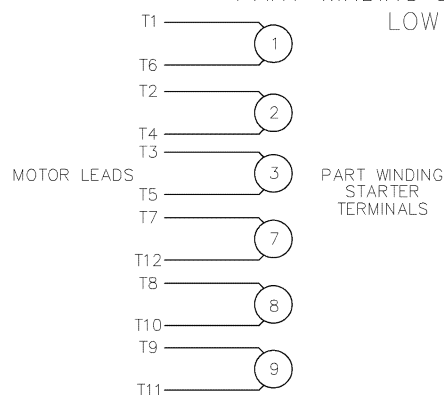
LOW VOLTAGE CONNECTION

HIGH VOLTAGE CONNECTION



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

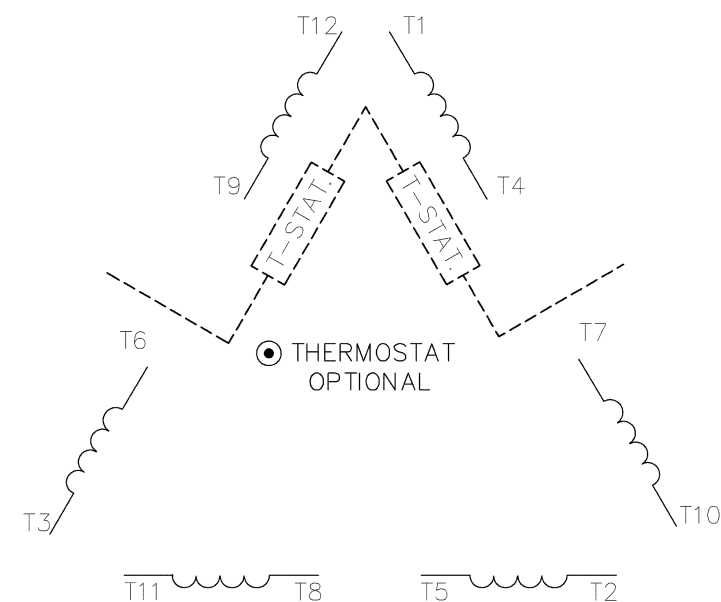
PART WINDING START USABLE ON 4 & 6 POLE MOTORS LOW VOLTAGE CONNECTION ONLY



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	



DRAWN RWR 08-23-2004

CHK ML 08-24-2004

APPD TB 08-24-2004

SCALE 1=1

REF MU61151

FMF

PREV

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED	
				DEC.	INCHES
				.X	±.1
				.XX	±.02
				.XXX	±.005
				.XXXX	±.0005
				ANG	±7'30"

TITLE DELTA – WYE CONNECTION DIAGRAM

MAT'L.

FINISH

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