

PRODUCT INFORMATION PACKET



Model No: LM60036
Catalog No: LM60036

DISOLETE-REPLACED BY 199014.00 -..10HP..1200RPM.256T.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID..

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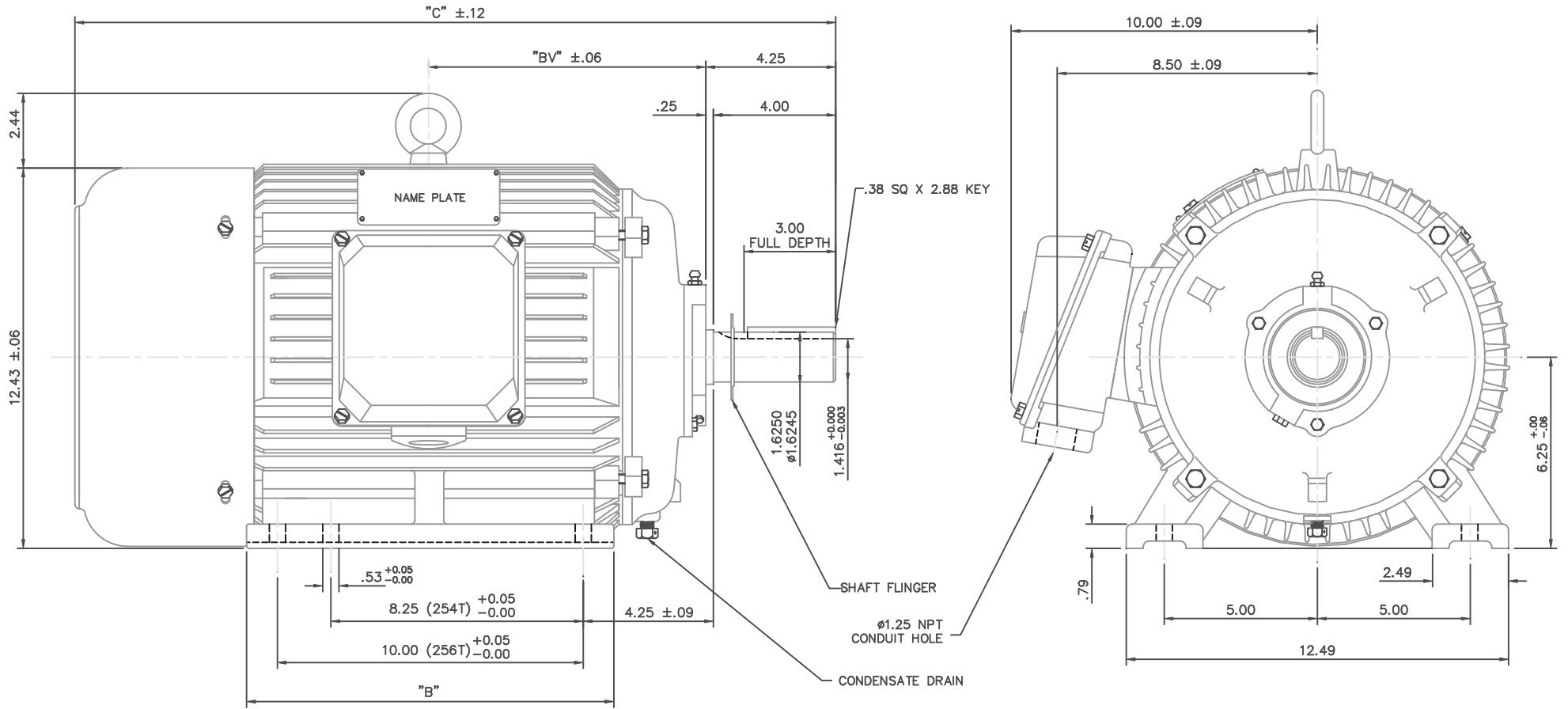
Nameplate Specifications

Phase	3	Output HP	10 & 7.50 Hp
Output KW	7.5 & 5.6 kW	Voltage	208-230/460 & 190/380 V
Speed	1183 & 985 rpm	Service Factor	1.15 & 1.15
Frame	256T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	92.1 & 91.7 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	31-28.8/14.4 & 25.2/12.6 A	Power Factor	71.6
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6308
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	6	Rotation	Reversible
Resistance Main	.766 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	169538.60LN	Connection Drawing	004172.03LN

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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

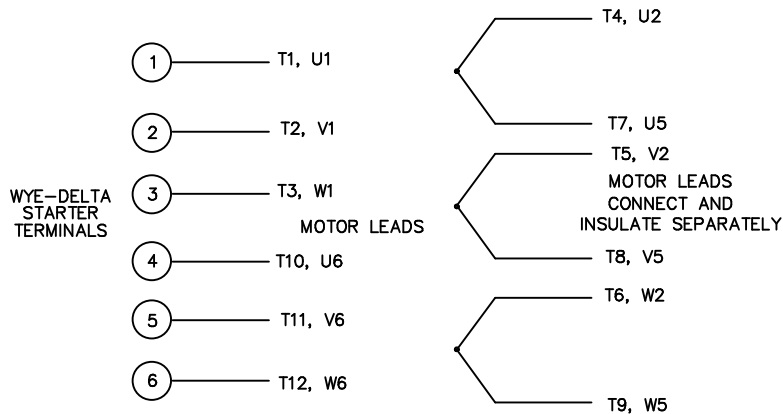
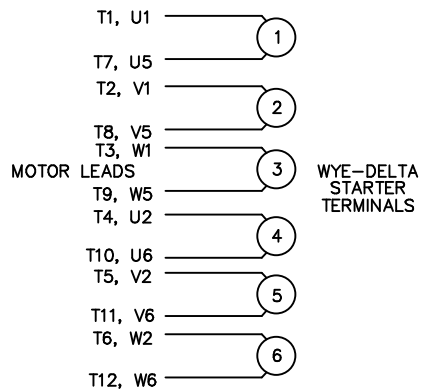
		TOLERANCES UNLESS SPECIFIED				DRAWN DRZ 05/22/01	
		DEC.	INCHES			CHK	
		.X	±.1	TITLE		SCALE 5=16	
		.XX	±.03	OUTLINE - 250 FRAME		REF	
		.XXX	±.005	TEFC - RIGID, NEW CON-BOX		APPD	
		.XXXX	±.0005	MAT'L		FMF	
01 REDRAWN TO CURRENT CAD STANDARDS		CJK	8/3/01	CAST IRON		PREV	
NO. REVISION		BY & DATE		CHK	ANG	FINISH	
				RFP		CAD FILE	16953860LN
				DIST		SIZE	DRAWING NO.
						B	169538-60LN
							REV.
							01

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

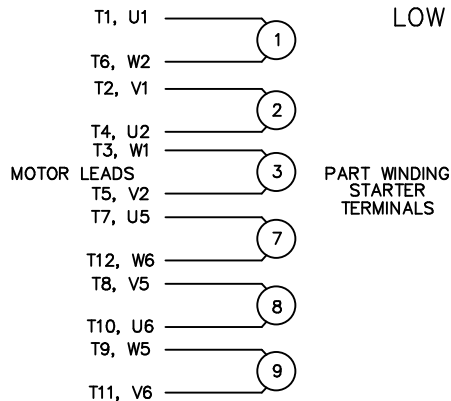
LOW VOLTAGE CONNECTION

HIGH VOLTAGE CONNECTION



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

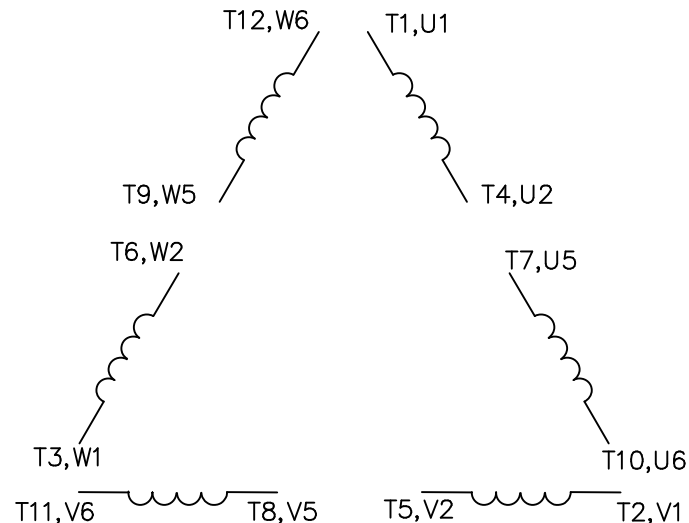
PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



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

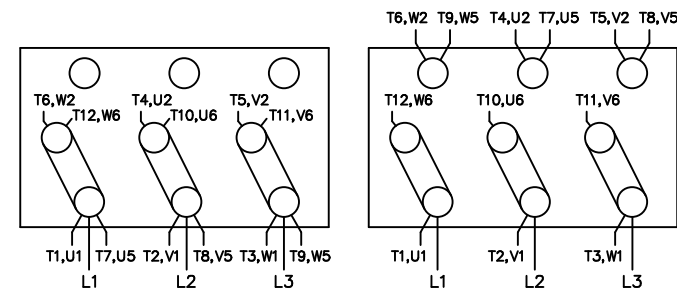


ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

12 LEAD DELTA CONNECTION ACROSS THE LINE START (FOR Y START DELTA RUN, REMOVE THE JUMPERS)

LOW VOLTAGE (MUST BE REWIRED AS SHOWN)

HIGH VOLTAGE (FACTORY WIRED FOR HIGH VOLTAGE AS SHOWN)



TOLERANCES UNLESS SPECIFIED

DEC. INCHES

.X ±.1

.XX ±.02

.XXX ±.005

.XXXX ±.0005

ANG ±7'30"



TITLE DELTA - WYE CONNECTION DIAGRAM
IEC CAST IRON MOTORS

DRAWN RJW 09-12-2005

CHK ML 09-12-2005

APPD GK 09-12-2005

SCALE

REF

FMF

PREV

NO.	REVISION	BY & DATE	CHK	ANG	FINISH
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RFP 09-12-2005

CAD FILE 00417203LN

SIZE DRAWING NO. PAGE OF REV.

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DIST WA-PR

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