

# PRODUCT INFORMATION PACKET



Model No: G151361.60  
Catalog No: G151361.60

Obsolete in the US,

replaced by 199964.00 -.15HP..1800RPM.254JM.ODP.230/460V.3PH.60HZ.CONT.40C..JM PUMP.....

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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 & 1475 rpm	Service Factor	1.15 & 1.15
Frame	254JM	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	91 & 91 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	39-37.5/18.8 & 31/15.5 A	Power Factor	82
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	4	Rotation	Reversible
Resistance Main	.143 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JM	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 10:1		
Outline Drawing	16958560	Connection Drawing	00417201

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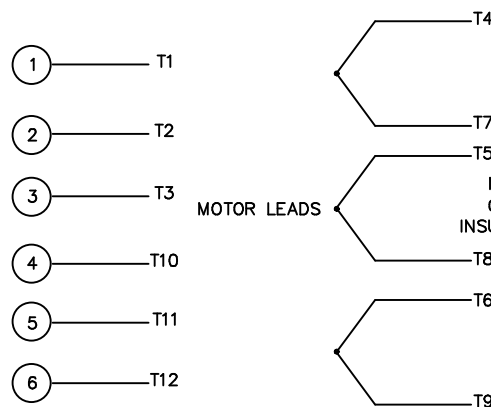
FRAME	"C"	"C.B."	"2F"
254JM	22.87	4.13	8.25
256JM	24.53	5.00	10.00

					TOLERANCES UNLESS OTHERWISE SPECIFIED		<b>LEESON ELECTRIC CORPORATION</b>			
					DECIMALS					
					.00	± .06	DRAWN TWM 01/12/00	TITLE OUTLINE - 254 FRAME, OPEN - JM PUMP FRAME		
					.000	± .0005	CH'K'D.	MEETS NEC/UCL CAN-BOX REQ. VOL. = 645 CC		
					.0000	± .0005	APPR.	MAT'L CAST IRON		
NO.	REVISION			BY	DATE	FRACTIONS ± 1/64	SCALE 1=4			
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED						ANGLES ± 1/2"	REF. 169503	FINISH	SIZE B	DRAWING NO. 169585-60
						INCH/MM	FMF			

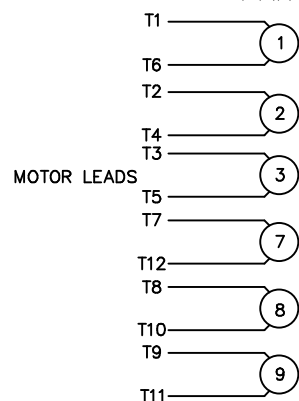
## WYE - DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.

## LOW VOLTAGE CONNECTION

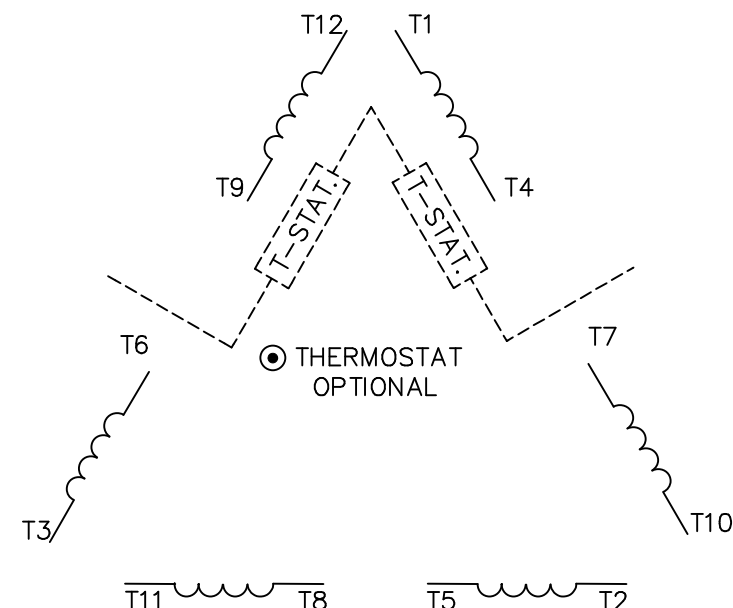
## HIGH VOLTAGE CONNECTION

WYE-DELTA  
STARTER  
TERMINALSWYE-DELTA  
STARTER  
TERMINALS

MOTOR LEADS

MOTOR LEADS  
CONNECT AND  
INSULATE SEPARATELYREFER 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 ONLYPART WINDING  
STARTER  
TERMINALSREFER 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 &amp; 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

DEC. INCHES

.X ±.1

.XX ±.01

.XXX ±.005

.XXXX ±.0005

ANG ±1/2"

ELECTRIC MOTORS  
GEARMOTORS  
AND DRIVES

DRAWN WLW 09/08/77

CHK RPB 09/12/77

APPD JCW 09/12/77

SCALE 1=1

REF

FMF

PREV

03	REV'D LOW VOLTAGE CONN. LEADS PER ELEC.	BJB 06/07/00	.XX	±.01
02	ADDED T-STAT. NOTES PER ELECTRICAL	KMM 06/02/98	.XXX	±.005
01	REDRAWN TO CAD	DBT 06/02/97	.XXXX	±.0005
NO.	REVISION	BY & DATE	CHK	ANG

TITLE DELTA - WYE CONNECTION DIAGRAM

MAT'L.

FINISH

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RFP

DIST

CAD FILE 00417201

SIZE

A

DRAWING NO.

004172-01

REV.

03