

# PRODUCT INFORMATION PACKET



Model No: LM27878  
Catalog No: LM27878  
30,1800/1200,TEFC,365T,3/60/460

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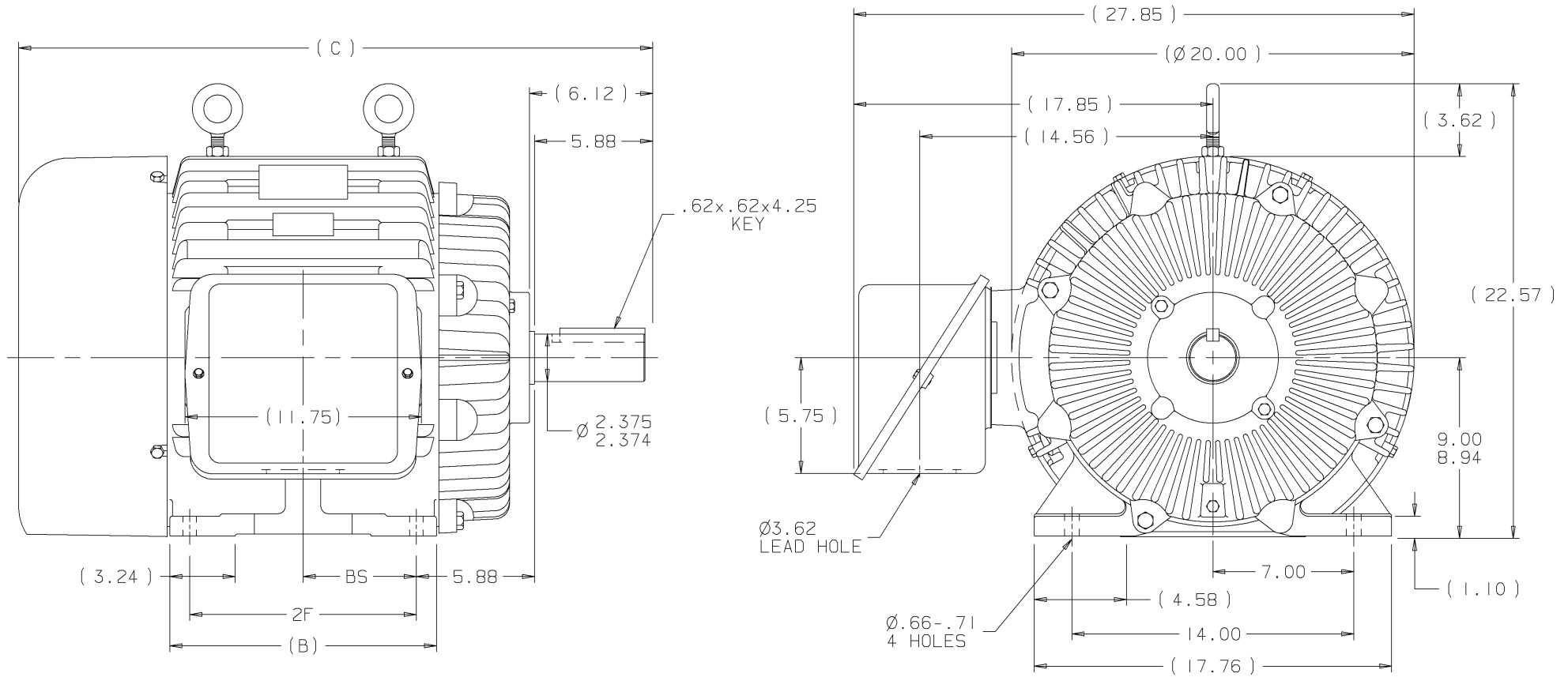
### Nameplate Specifications

Phase	3	Output HP	30 & 30 Hp
Output KW	22.4 & 22.4 kW	Voltage	460 & 460 V
Speed	1785 & 1180 rpm	Service Factor	1.15 & 1.15
Frame	365T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	86.5 & 86.5 %
Ambient Temperature	40 °C	Frequency	60 & 60 Hz
Current	38.5 & 41.5 A	Power Factor	84.5
Duty	Continuous	Insulation Class	F
Design Code	2CH	KVA Code	J
Drive End Bearing Size	314	Opp Drive End Bearing Size	312
UL	No	CSA	Y
CE	Y	IP Code	43
Number of Speeds	2		

### Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4//6	Rotation	Reversible
Resistance Main	.32 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	B-SS504688LN-1450	Connection Drawing	A-EE7317-LN

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## NOTES:

1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR

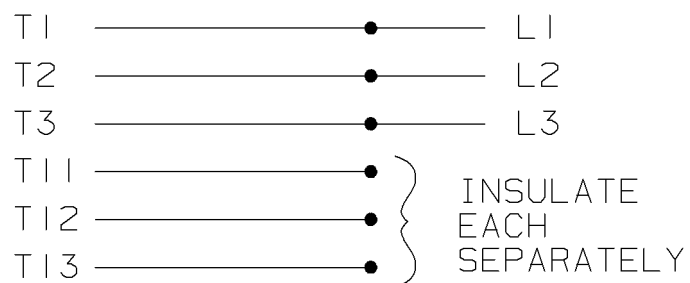
SIDE OF MOTOR										<div><div><div>Lincoln</div><div>MOTORS</div><div></div></div></div>	<div><div><div>✓</div><div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.03    XXX±.005    XXXX±.0005    ANGLES± 7°30"</div></div><div><div>MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED</div><div>FINISH</div><div>MATERIAL</div></div><div><div>DRAWN BY</div><div>CHKD BY</div><div>APPO BY</div></div><div><div>BLR</div><div>DRS</div><div>GK</div></div><div><div>08-25-2000</div><div>08-25-2000</div><div>08-25-2000</div></div></div>				
DASH	FRAME	B	C	2F	BS										
1350	364T	13.25	31.50	11.25	5.62	I	08-25-2000	NEW DRAWING	BLR						
1450	365T	14.25	32.50	12.25	6.12	REV	DATE	CHANGE	NAME						
										PART NAME    OUTLINE				DRWG NO	
										360T FR. - TEFC - (STD)				B- SS504688LN	
										PURCHASED		CADD FILE NO.		SS504688LN	

ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--

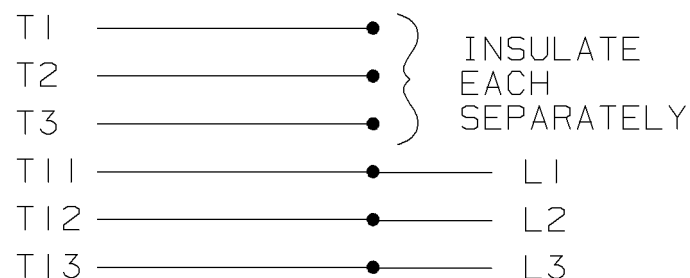
STACK:

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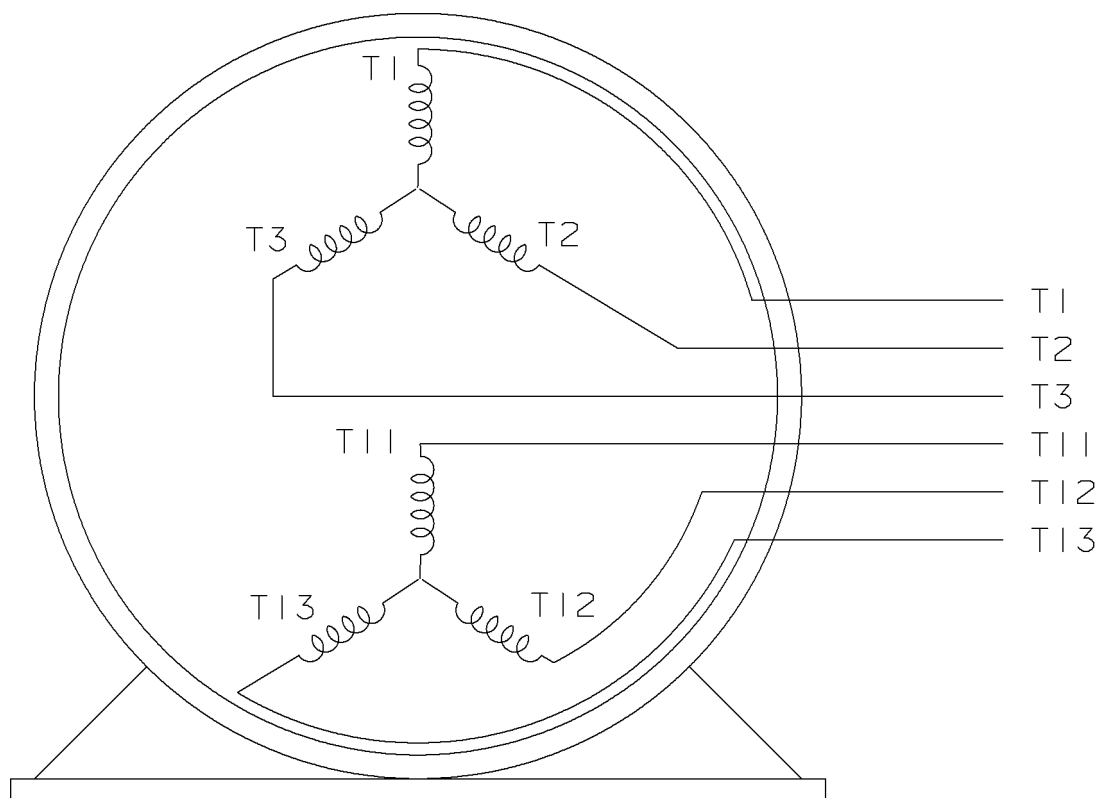
## LOW SPEED



## HIGH SPEED




THREE PHASE, SINGLE VOLT, 6 LEAD,  
2 SPEED REVERSIBLE MOTOR



VIEW OF TERMINAL END

TO REVERSE ROTATION ON  
EITHER SPEED: INTERCHANGE  
ANY 2 LEADS ON THE  
WINDING IN USE.

				<div></div>	✓ UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±      XXX±.005      XXXX±.0005      ANGLES±				
					MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED		DRAWN BY    DRS	12-18-2000	
					FINISH		CHKD BY    ML	12-18-2000	
I	12-18-2000	NEW DRAWING	MU34858	DRS	MATERIAL		APPD BY    TB	12-18-2000	
REV	DATE	CHANGE	NAME	PART NAME    CONNECTION DIAGRAM 3Ø, SINGLE - 2 SPEED REVERSIBLE				DRWG NO A-EE7317-LN	
					PURCHASED	CADD FILE NO.	EE7317-LN		