

# PRODUCT INFORMATION PACKET



Model No: LM34612

Catalog No: LM34612

LM34612..200/150HP..1800/1500RPM.445TSD.TEFC.1.15SF.3PH.60/50HZ.CONT.40C.1.15SF.D-FLANGE.....

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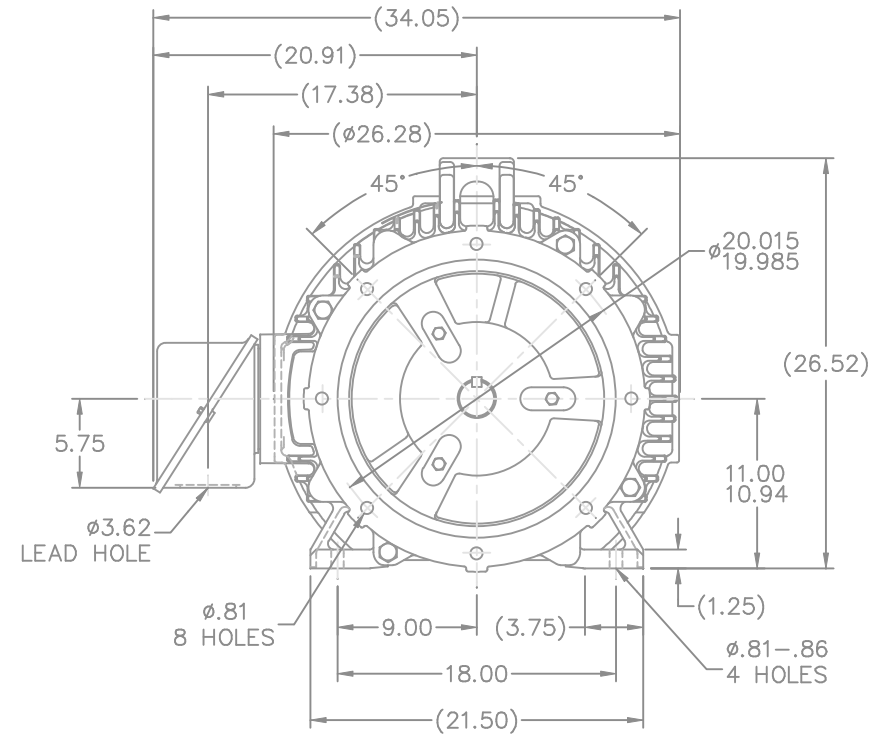
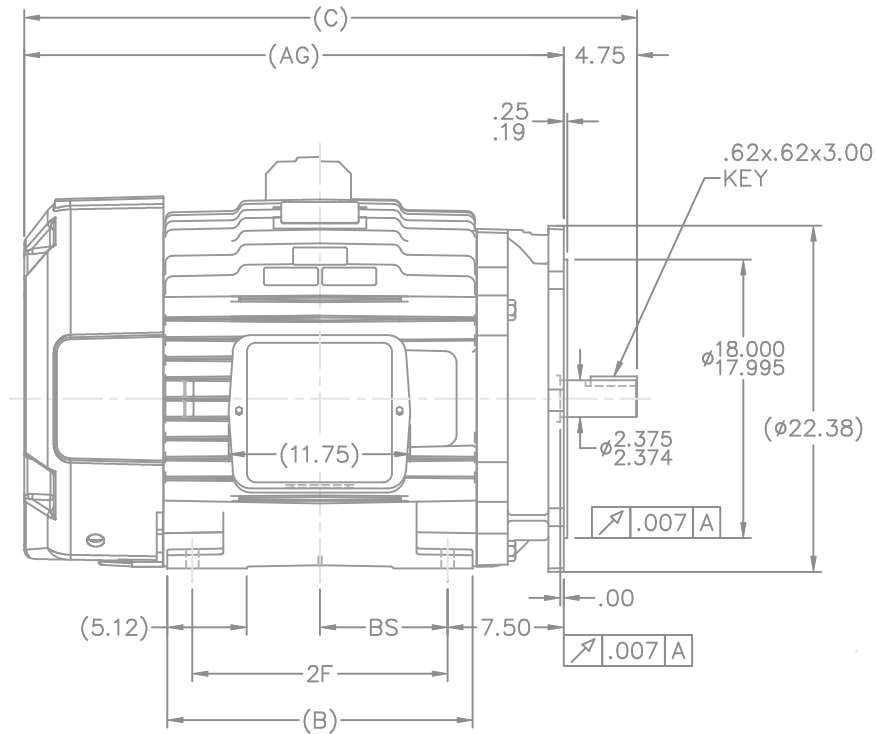
### Nameplate Specifications

Phase	3	Output HP	200 & 150 Hp
Output KW	149.0 & 112.0 kW	Voltage	460 & 380 V
Speed	1785 & 1485 rpm	Service Factor	1.15 & 1.15
Frame	445TSD	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	96.2 & 95.8 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	226 & 206 A	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

### Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	4	Rotation	Reversible
Resistance Main	.018 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS514476LN-2025	Connection Drawing	A-EE7340-LN


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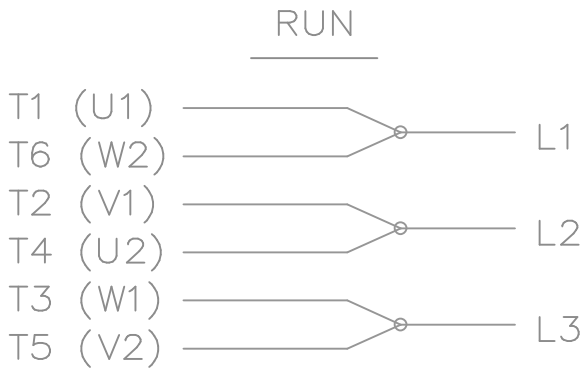


## NOTES:

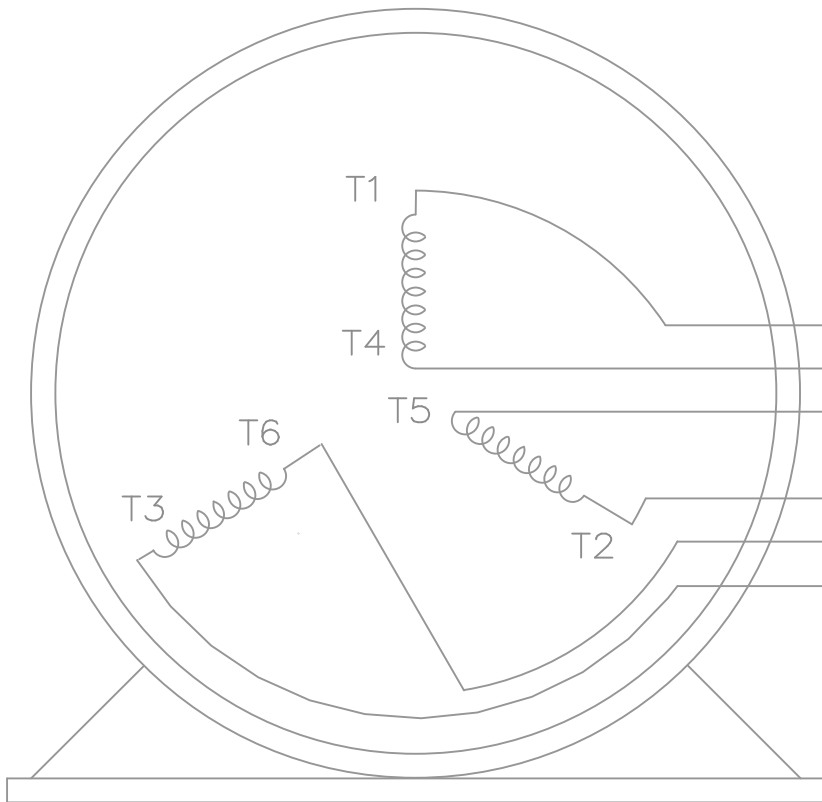
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
3. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

(B-SS514072)

												TOLERANCES UNLESS SPECIFIED						DRAWN KL 06-26-2001																	
												DEC. INCHES						CHK DJK 06-26-2001																	
									3 CHG. FAN GUARD & REV. 'C' DIM. CN39335			RWR 01-07-2008			ML .X ±.1			APPD JES 06-26-2001																	
									2 REV. CAST FLANGE HOLES TO MACH'D HOLES CN 37677			MSG 04-26-2004			ML .XX ±.03			TITLE OUTLINE -- D'FLANGE 440TSD FR. -- TEFC -- TFN			SCALE 1=8														
									1 NEW DRAWING -- MU37939			KL 06-26-001			.XXX ±.005						REF														
1825 444TSD 37.44 32.69 17.75 14.50 7.25									1 NEW DRAWING			SMC 08-19-1991			.XXXX ±.0005			MAT'L			FMF														
2025 445TSD 39.44 34.69 19.75 16.50 8.25									NO. REVISION			BY & DATE			CHK ANG ±7'30"			FINISH			PREV														
									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. THIS IS AN ELECTRONICALLY GENERATED DOCUMENT -- DO NOT SCALE THIS PRINT												RFP			CAD FILE ss514476ln			SIZE B			DRAWING NO. SS514476LN			PAGE 3		
DASH FRAME C AG B 2F 2FF 2FFF BV																					DIST WA														



THREE PHASE — Y START  
 Δ RUN MOTOR




T1 (U1)  
 T4 (U2)  
 T5 (V2)  
 T2 (V1)  
 T6 (W2)  
 T3 (W1)

T6CK  
 T6BM  
 T4CC  
 T2DL  
 T4C

VIEW OF TERMINAL END

NOTE:  
 IEC LEAD MARKINGS ARE NOTED  
 IN PARENTHESES

			TOLERANCES UNLESS SPECIFIED			DRAWN BLR 10-04-1999			
			DEC.	INCHES		CHK DRS 10-04-1999			
			.X	±.1		APPD TB 10-04-1999			
3	REVISED TO MATCH M.E. ORIGINAL	TAT 07-25-2005	ML	.XX	±.02	TITLE CONNECTION DIAGRAM 3Ø — WYE START DELTA RUN	SCALE 1=1		
2	REVISED DRAWING MISTAKE CN 29200-2980	ERH 05-15-2003	ML	.XXX	±.005		REF		
1	NEW DRAWING	BLR 10-09-1999		.XXXX	±.0005		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±'30"	FINISH	PREV		
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 THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE THIS PRINT			RFP	CAD FILE ee7340_In		SIZE A	DRAWING NO.	PAGE OF	REV.
			DIST	WA-LB-SB			EE7340-LN	3	3