

# PRODUCT INFORMATION PACKET



Model No: EXLM16299

Catalog No: EXLM16299

EXLM16299..5.0/3.0HP..1745/1465RPM.184TC.TEFC.230/460//190-208/380-415V.3PH.60/50HZ.CONT.40C.1.25/1  
.0SF.ROUND.....

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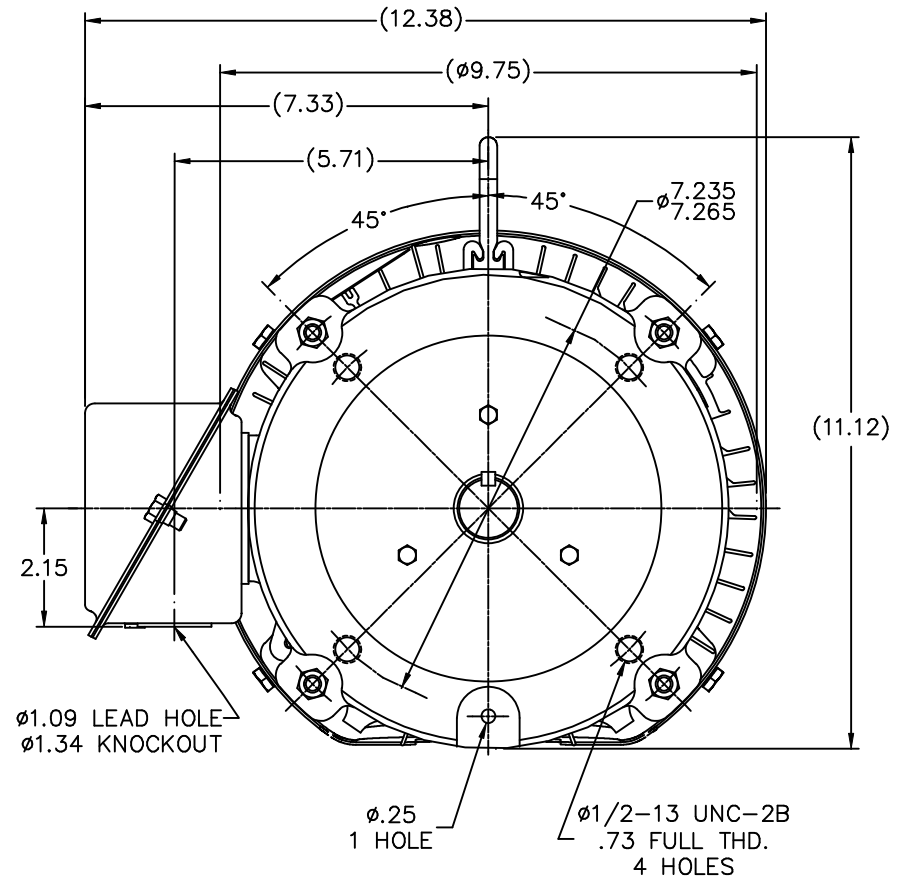
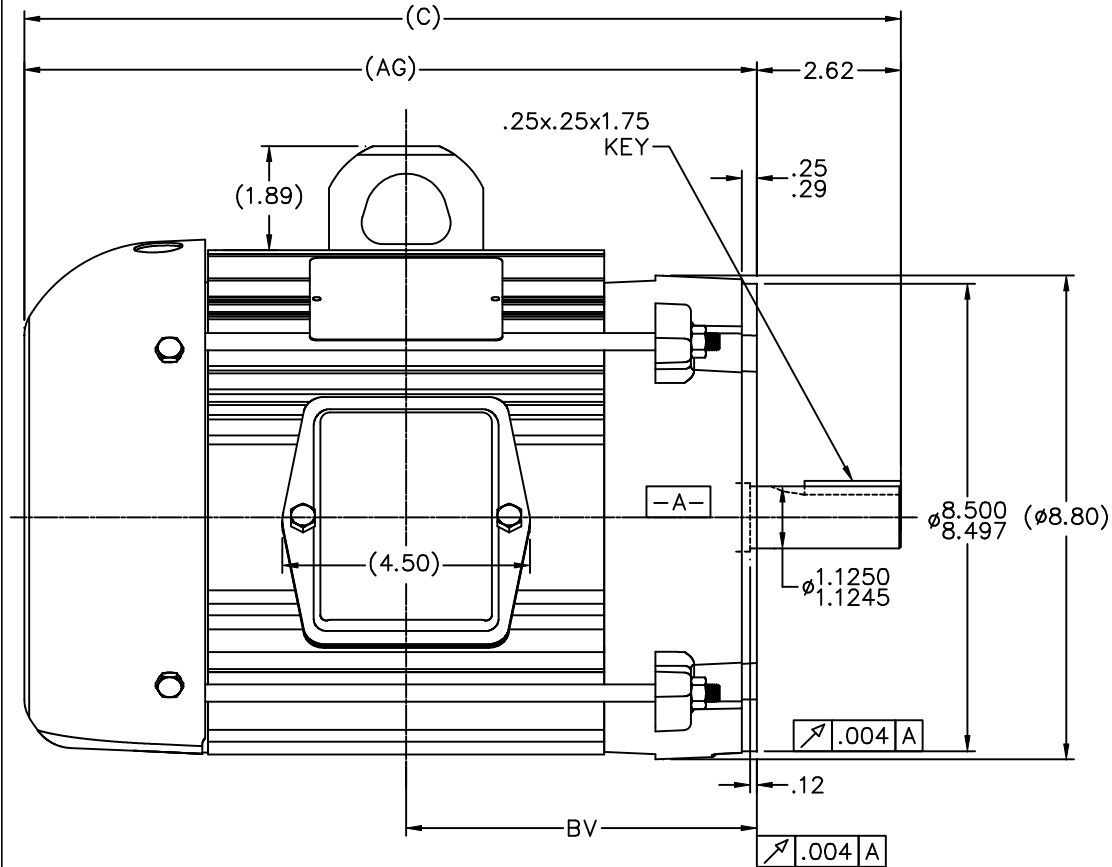
## Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 190-208/380-415 V
Speed	1745 & 1465 rpm	Service Factor	1.25 & 1.0
Frame	184TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	13/6.5 & 10-10.4/5-5.2 A	Power Factor	82.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	207	Opp Drive End Bearing Size	205
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	3.05 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS601017LN-720	Connection Drawing	A-EE7308-LN

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## NOTES:

1. CONDUIT BOX BE ROTATED IN 90° STEPS.
2. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FR.	C	BV	AG		
620	182T	14.94	5.88	12.32		
720	182/4T	15.94	6.38	13.32		
820	182/4T	16.94	6.88	14.32		

				TOLERANCES UNLESS SPECIFIED		Lincoln Electric	DRAWN DRS 02-21-2000			
				DEC.	INCHES		CHK	ML	02-22-2000	
				.X	±.1		APPD	TB	02-22-2000	
				.XX	±.03		SCALE	1=2.25		
2	REMOVED B AND 2F FROM DASH TABLE CN 32572	TJB 02-13-2004	ML	.XXX	±.005	TITLE OUTLINE	REF			
1	NEW DRAWING	DRS 02-22-2000		.XXXX	±.0005	180T FR. TEFC - 'C'FACE	FMF			
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						CAD FILE SS601017LN	SIZE	DRAWING NO.	PAGE OF	REV.
						DIST LB	B	SS601017LN	2	

THREE PHASE  
DUAL VOLTAGE MOTOR

## HIGH VOLTAGE



## LOW VOLTAGE



VIEW OF TERMINAL END

REF.  
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G  
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD  
CONNECTION

L1 — WHITE  
L2 — RED  
L3 — BLACK

				TOLERANCES UNLESS SPECIFIED			DRAWN BLR 06/11/1999			
				DEC.	INCHES		CHK ML 06/18/1999			
				.X	±.1		APPD GK 06/18/1999			
3	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XX	±.02	TITLE CONNECTION DIAGRAM 3ø – DUAL VOLTAGE MOTOR	SCALE 1=1			
2	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR 08/09/1999	GK	.XXX	±.005		REF			
1	NEW DRAWING	BLR 06/18/1999	GK	.XXXX	±.0005	MAT'L.	FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV			
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				DIST WP						