

# PRODUCT INFORMATION PACKET



Model No: LM22899  
Catalog No: LM22899  
5,1800,TEFC,184SM,3/60/230/460

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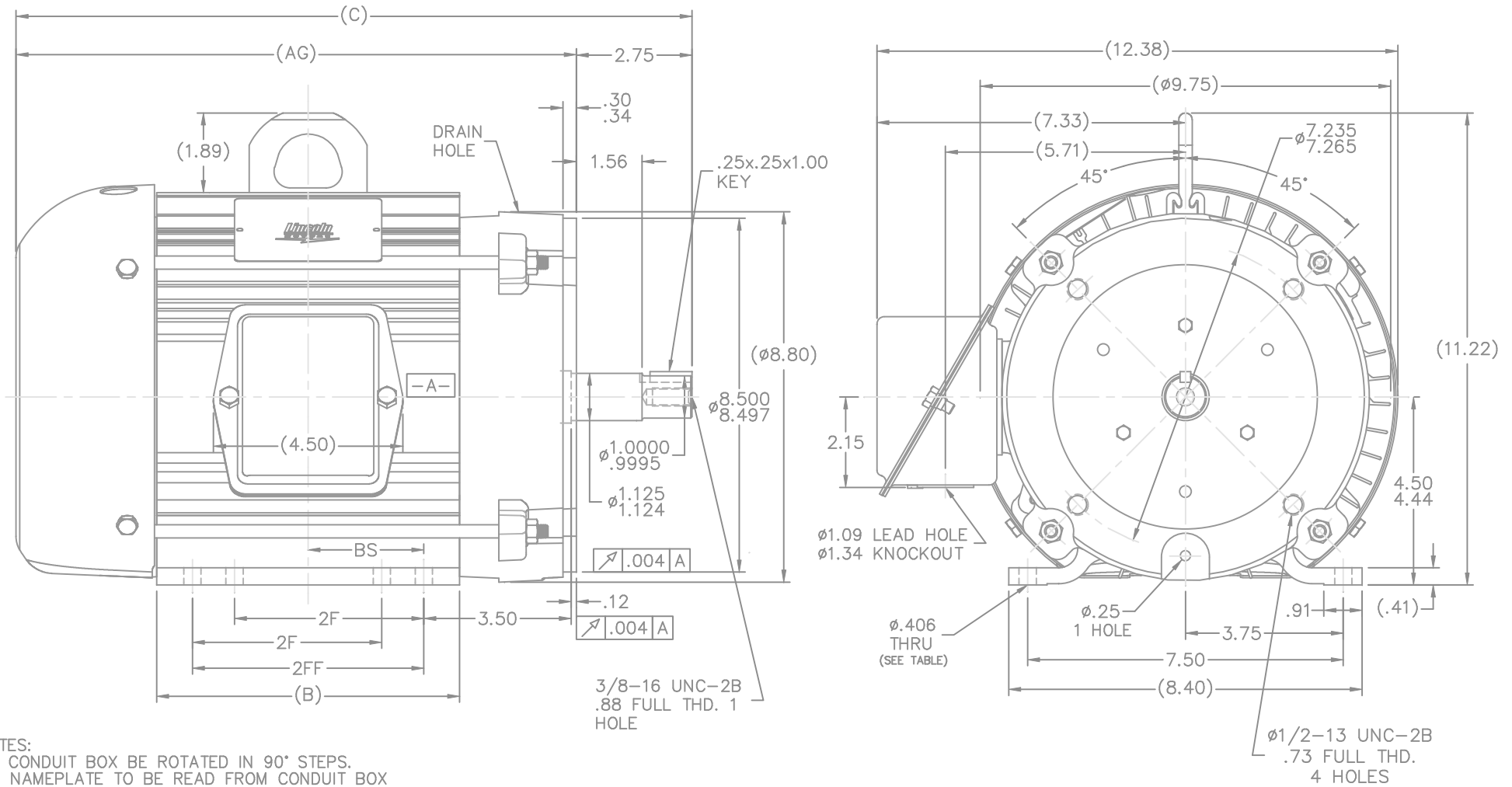
### Nameplate Specifications


Phase	3	Output HP	5 & 4 Hp
Output KW	3.7 & 3.0 kW	Voltage	230/460 & 190-208/380-415 V
Speed	1730 & 1430 rpm	Service Factor	1.15 & 1.15
Frame	184TCZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	82.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	13.2/6.6 & 13-13/6.5-6.5 A	Power Factor	83
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	4.28 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	Single Special Extension	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS601020LN-720	Connection Drawing	A-EE7308-LN

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												TOLERANCES UNLESS SPECIFIED					DRAWN BJW 03-09-2000								
DASH	FR.	C	BS	B	2F	2FF	AG	FOOT HOLE	7	ADDED 2FF TO TABULATED CHART	TAT 01-30-2004	ML	DEC.	INCHES	CHK ML 03-09-2000			APP TB 03-09-2000							
									6	DASH 720/184TZ FOOT HOLE 8 WAS 4 CN 31573	HLB 05-24-2001		.XX	±.1											
									5	UPDATED REAR BRACKET GEOMETRY PER	DRS 04-27-2001		.XX	±.03	TITLE OUTLINE			SCALE 7=16							
620	182TZ	15.07	2.25	6.20	4.50	—	12.32	4	4	BRACKET MACHINING CN 31539			.XXX	±.005	180TZ FR. — TEFC — 'C' FACE			REF							
720	182/4TZ	16.07	2.75	7.20	4.50	5.50	13.32	8	5	SHAFT EXT. WAS 2.62 NOW 2.75 CN 29200-771	DRS 08-16-2000		.XXXX	±.0005	MAT'L			FMF							
720	184TZ	16.07	2.75	7.20	4.50	5.50	13.32	4	NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH			PREV							
820	182/4TZ	17.07	3.25	8.20	5.50	6.50	14.32	8	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 ss601020ln		SIZE B	DRAWING NO. SS601020LN	PAGE 7	REV. 7
													DIST LB												

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			
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 EE7308LN		SIZE	DRAWING NO.	PAGE OF	REV.
			DIST WP				A	EE7308-LN		3