

PRODUCT INFORMATION PACKET



Model No: LM29444
Catalog No: LM29444
20,3600,DP,254TCZ,3/60/50/230/460

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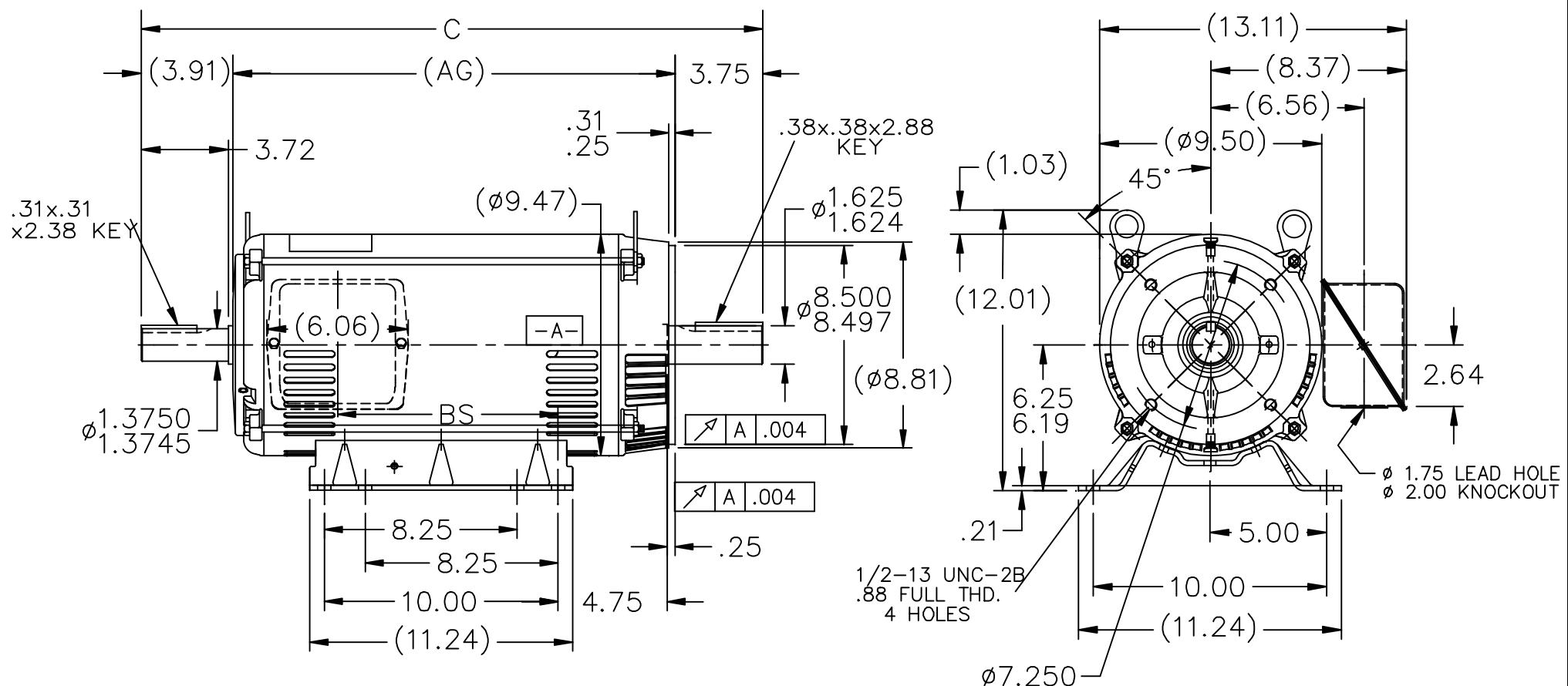
Nameplate Specifications

Phase	3	Output HP	20 & 20 Hp
Output KW	14.9 & 14.9 kW	Voltage	230/460 & 190-208/380-415 V
Speed	3520 & 2895 rpm	Service Factor	1.25 & 1.0
Frame	254TCZ	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	91 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	46/23.1 & 58-54/29-27 A	Power Factor	88.6
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications


Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.485 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Special Extension Both Sides	Assembly/Box Mounting	F2/F1 CAPABLE
Outline Drawing	A-SS88946LN-1340	Connection Drawing	A-EE7308-LN

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DASH	FR.	C	AG	BS	MOUNTING
1340	254TC	24.83	17.16	7.68	F2 ONLY
1515	254/256TC	26.58	18.91	9.43	F2 ONLY

NOTES:
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. BOX CAN BE MOUNTED IN 90° STEPS.

				TOLERANCES UNLESS SPECIFIED			DRAWN ERH 09-30-2003				
				DEC.	INCHES		CHK ML 09-30-2003				
				.X	±.1		APPD BW 09-30-2003				
				.XX	±.03		SCALE 5=32				
2	CHANGED TO F2 ONLY PER. ECN 24190	RFH 04/30/2012	EH	.XXX	±.005	TITLE OUTLINE 250TC FR. – BB – DR. PR.	REF				
1	NEW DRAWING MU 48384	ERH 09-30-2003	BW	.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 ss88946In		SIZE	DRAWING NO.	PAGE	OF	REV.
			DIST LB				A	SS88946LN			

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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