

PRODUCT INFORMATION PACKET



Model No: LM33922

Catalog No: LM33922

..125/63HP..1800/900RPM.445TS.TEFC.460V.3PH.60HZ.CONT.40C.1.15SF.....

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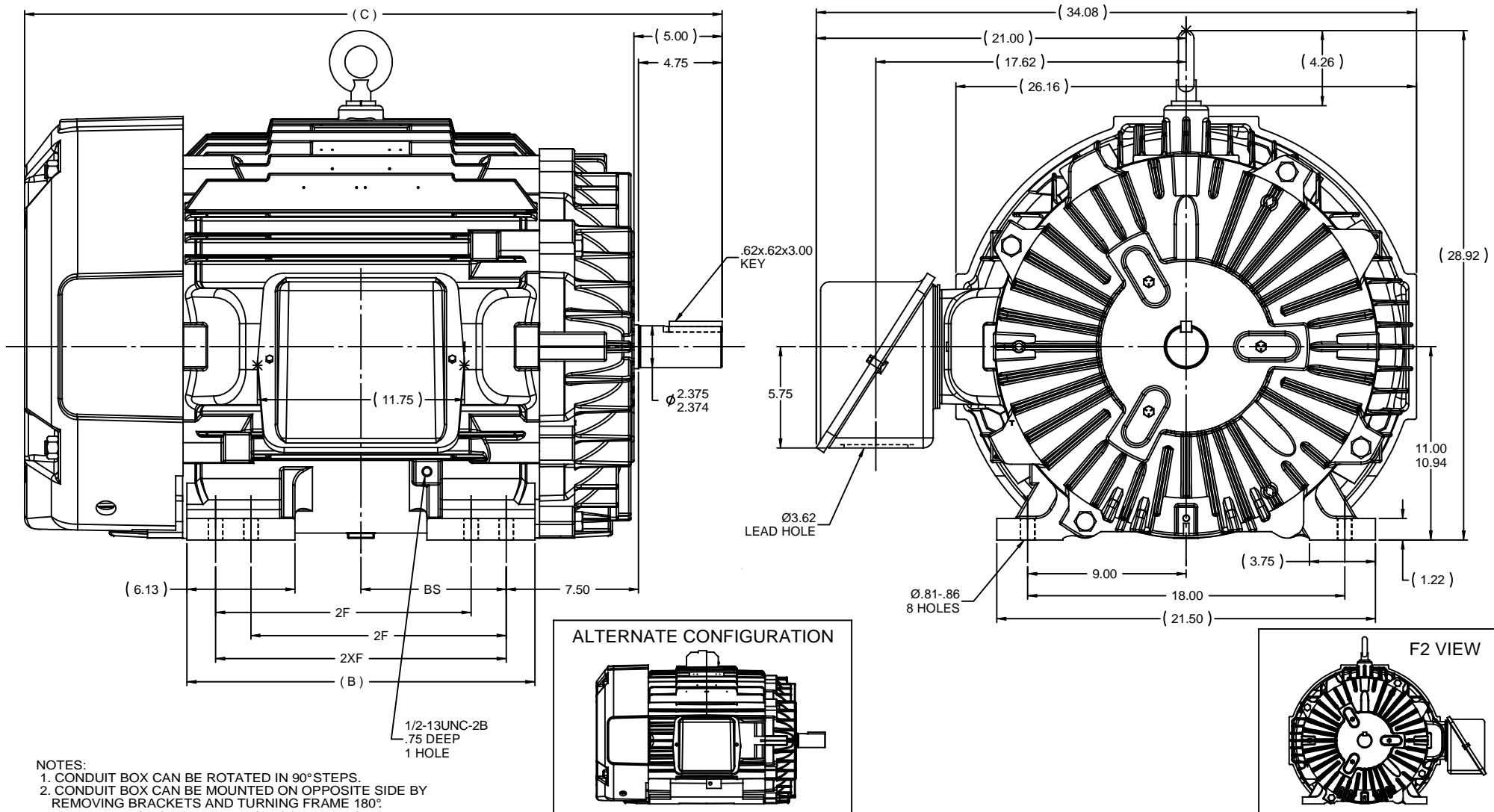
Nameplate Specifications

Phase	3	Output HP	125 & 62.50 Hp
Output KW	93.0 & 47.0 kW	Voltage	460 & 460 V
Speed	1785 & 895 rpm	Service Factor	1.15 & 1.15
Frame	445TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93.6 & 93 %
Ambient Temperature	40 °C	Frequency	60 & 60 Hz
Current	142 & 116 A	Power Factor	87.5
Duty	Continuous	Insulation Class	F
Design Code	1CT	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	2		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4/8	Rotation	Reversible
Resistance Main	.0455 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-SS514023LN-2025	Connection Drawing	A-EE7324-LN

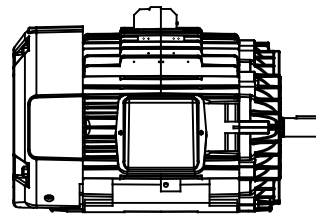
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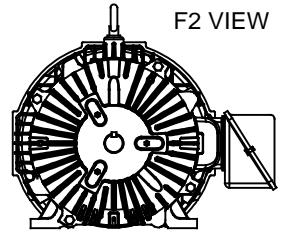
- NOTES:
 1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
 3. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

1/2-13UNC-2B
 .75 DEEP
 1 HOLE

ALTERNATE CONFIGURATION



F2 VIEW



DASH	FRAME	B	C	2F	2XF	BS	NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PAGE	OF
1825	444TS	17.75	37.60	14.50	---	7.25									
2025	444/445TS	19.75	39.60	14.50	16.50	8.25									

TOLERANCES UNLESS SPECIFIED		DRAWN	
DEC	INCHES	KL	02-21-2002
x	±.1	CHK	DJK 02-21-2002
xx	±.03	APPR	JES 02-21-2002
xxx	±.005	SCALE	1:5.25
xxxx	±.0005	REF	
xxxxx	±.0005	FMF	
THIRD ANGLE PROJECTION		PAGE	
NETWORK FILE NAME		OF	
SS514023LN		3	

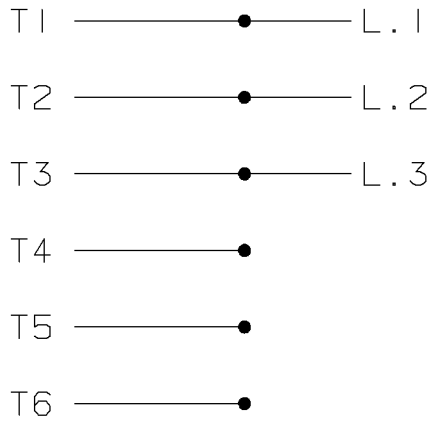
REV	DESCRIPTION	DATE	BY	CHK	ANG	FINISH	PREV	SIZE	DRAWING NO	REV
3	UPDATED WITH NEW FRAME. 28.92 DIMENSION WAS 26.52.							B	SS514023LN	3
2	ADDED RPREVIOUS CONFIG. & F2 VIEW PER ISAAC 09-5049	12/16/2009	JJB	MH	xx	±.03				
1	CHG. FAN GUARD & REV. C-DIM. PER CN39335	01/22/2007	RWR	ML	xxx	±.005				
1	NEW DRAWING - MU40670	02/22/2002	KL		xxxxx	±.0005				



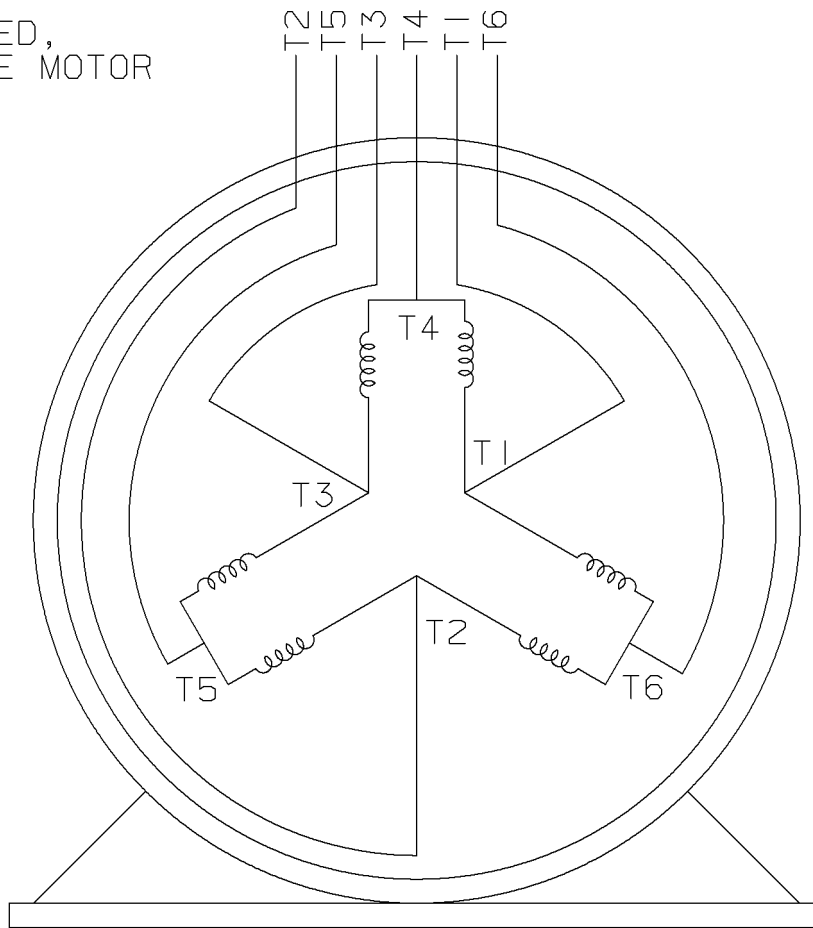
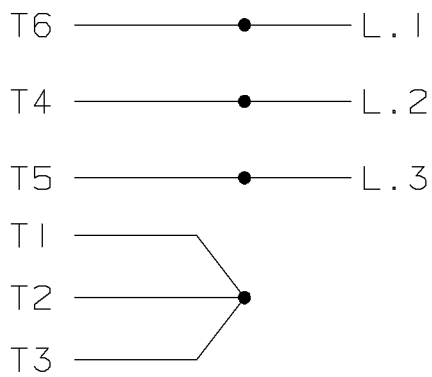
3Ø SINGLE VOLT, 2 SPEED,
1 WDG. CONSTANT TORQUE MOTOR

A-EE7324-LN

LOW SPEED:



HIGH SPEED



VIEW OF TERMINAL END

T48AA
 T48F
 T24L

					<input checked="" type="checkbox"/> UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± XXX±.005 XXXX±.0005 ANGLES±		
2	11-17-2000	SWAPPED T4 AND T5 IN HIGH SPEED DIAGRAM CN 29200-1091	DRS			MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED FINISH	DRAWN BY CAV
1	05-16-2000	NEW DRAWING MU30928	CAV		MATERIAL	CHKD BY ML	05-12-2000
REV	DATE	CHANGE	NAME	PART NAME	CONNECTION DIAGRAM	APPD BY TB	05-16-2000
				3Ø- 2 SPD. 1 WDG. -C.T. -SGL. VOLT		DRWG NO	A-EE7324-LN
				PURCHASED	CADD FILE NO.	EE7324-LN	