

PRODUCT INFORMATION PACKET



Model No: LM13700
Catalog No: LM13700
50,3600,TEFC,326TS,3/60/230/460

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Nameplate Specifications

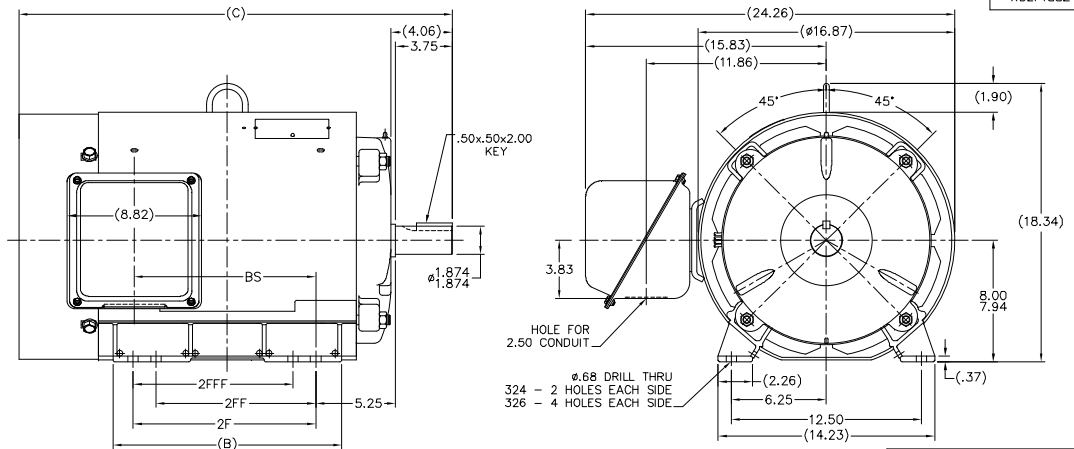
Phase	3	Output HP	50 & 50 Hp
Output KW	37.3 & 37.3 kW	Voltage	230/460 & 380-415 V
Speed	3555 & 2937 rpm	Service Factor	1.25 & 1.15
Frame	326TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	94.1 & 92.4 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	111/55.5 & 68.5-62 A	Power Factor	90
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	311	Opp Drive End Bearing Size	309
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	2	Rotation	Reversible
Resistance Main	.13 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	TS	Assembly/Box Mounting	F1 ONLY
Outline Drawing	XG2F1SS2-1700	Connection Drawing	A-EE7308AA-LN

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XG2F1SS2



NOTES:

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

DASH	FRAME	C	BS	B	2F	2FF	2FFF
1550	324TS	27.00	10.62	13.52	10.50	10.50	10.50
1700	326TS	28.50	12.12	15.02	12.00	10.50	10.50

				TOLERANCES UNLESS SPECIFIED						DRAWN CTO 09-16-2002	
				DEC.		INCHES				CHK ML 09-16-2002	
				X		.±.1				APCD HNH 09-16-2002	
E	REPLACED 3C223-G4 WITH 557965-CM ; CR-0001503			SVP 04-07-2021	AS	XX	.±.03	TITLE OUTLINE, NEMA MOTORS 320TS FR. - TEFC - UE		SCALE .225=1	
2	ADDED F2 VIEW PER MU51178			CTO 10-01-2004	HNH	XXX	.±.005			REF	
1	NEW DRAWING			CTO 08-16-2002	ML	XXXX	.±.0005	MATH.		FINV	
NO.	REVISION			BY & DATE	CHK	ANG	±.730°	FINISH		PMT	
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				REV	BY		CAD FILE X271ss2		SIZE		DRAWING NO., PAGE OF REV.
										XG2F1SS2	

T12 _____
 T1 _____
 T6 _____ L1
 T7 _____

T2 _____
 T4 _____
 T8 _____ L2
 T10 _____

T3 _____
 T5 _____
 T9 _____ L3
 T11 _____

LOW VOLTAGE

T12 _____ L1
 T1 _____

T4 _____
 T7 _____

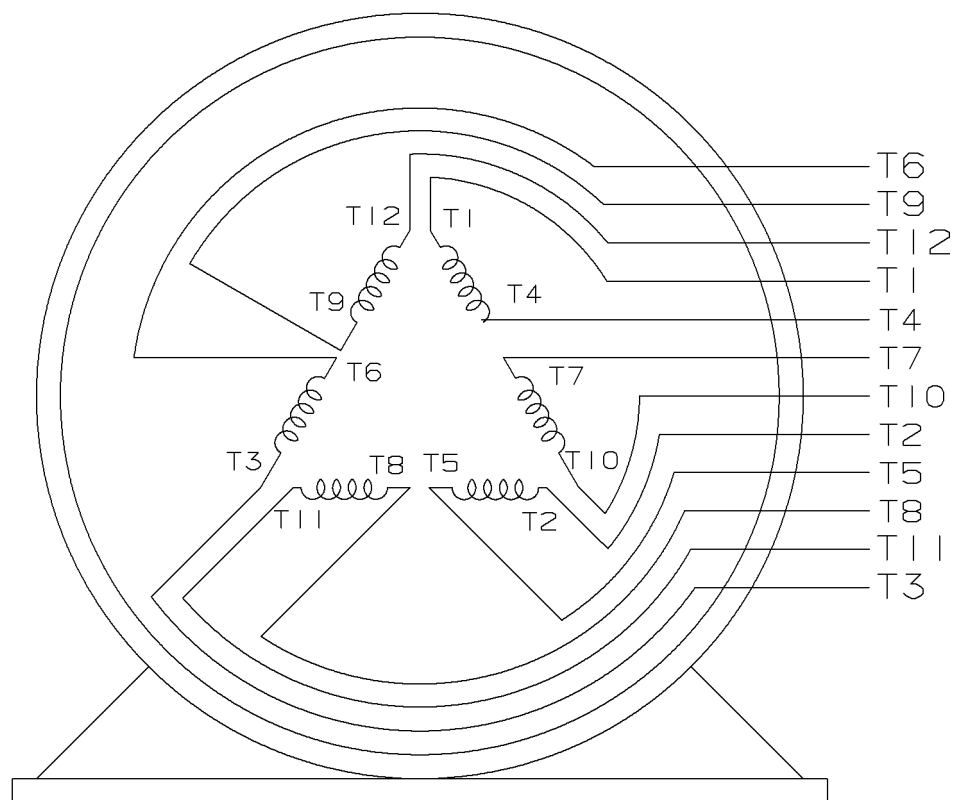
T2 _____ L2
 T10 _____

T5 _____
 T8 _____

T3 _____ L3
 T11 _____

T6 _____
 T9 _____

HIGH VOLTAGE



VIEW OF TERMINAL END

					✓ UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.02 XXX±.005 XXXX±.0005 ANGLES± 7°30"		
2	08-09-1999	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR		MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED		DRAWN BY TRB 07-16-1999
					FINISH		CHKD BY ML 06-18-1999
1	06-18-1999	NEW DRAWING	TRB		MATERIAL		APPD BY GK 06-18-1999
REV	DATE	CHANGE	NAME	PART NAME 3 PHASE CONNECTION DIAGRAM 2/1 DELTA - 12 LEADS			DRWG NO A- EE7308AA-LN
				PURCHASED	CADD FILE NO.	EE7308AALN	

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OFFENDING COMMAND: Pscrip
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