marathon®

General Purpose Motors

Model No: LM32844
Catalog No: LM32844

General Purpose Motor, 125 & 125 HP, 3 Ph, 60 & 50 Hz, 460 & 415 V, 1800 RPM, 444TSC Frame, TEFC

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Product Information Packet: Model No: LM32844, Catalog No: LM32844 General Purpose Motor, 125 & 125 HP, 3 Ph, 60 & 50 Hz, 460 & 415 V, 1800 RPM, 444TSC Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**125 & 125 Hp**
Output KW	**93.0 & 93.0 kW**	Voltage	**460 & 415 V**
Speed	**1785 & 1486 r/min**	Synchronous RPM	**1800 & 1500 r/min**
Service Factor	**1.15 & 1.0**	Frame	**444TSC**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**96.2 & 95.8 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**146 & 163 A**
Power Factor	**83.5**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**G**	Drive End Bearing Size	**318**
Opp Drive End Bearing Size	**315**	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	**4**	Rotation	**Reversible**
Resistance Main	**.03 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**TS**	Overall Length	**37.74 in**
Frame Length	**21.17 in**	Shaft Diameter	**2 3/8 in**
Shaft Extension	**4.75 in**	Assembly/Box Mounting	**F1/F2 Capable**

Drawings

Connection Drawing	**EE7340-LN**	Outline Drawing	**XK2F1SC2-2117**

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START

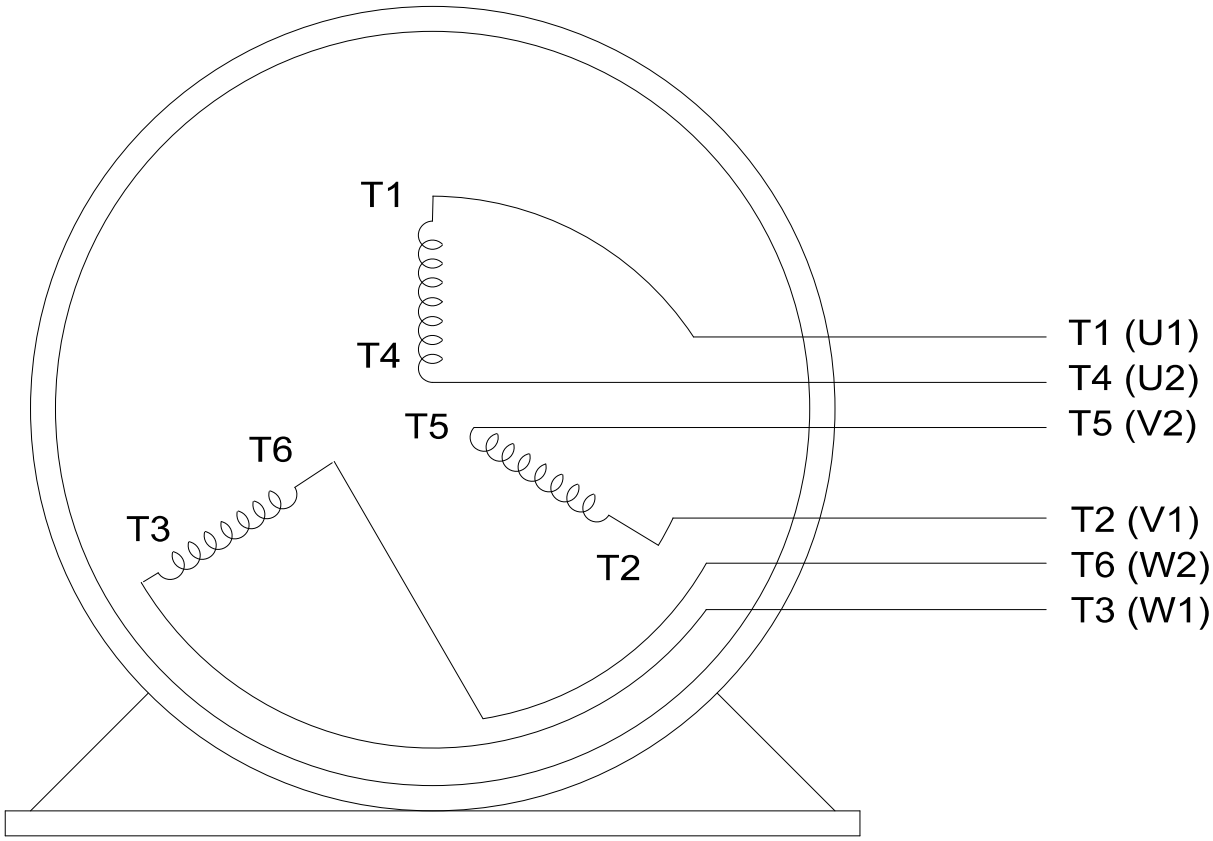
T1 (U1) — L1
T2 (V1) — L2
T3 (W1) — L3
T4 (U2)
T5 (V2)
T6 (W2)

RUN

T1 (U1)
T6 (W2) — L1
T2 (V1)
T4 (U2) — L2
T3 (W1)
T5 (V2) — L3

NOTE:
IEC LEAD MARKINGS ARE NOTED
IN PARENTHESES

THREE PHASE - Y START
△ RUN MOTOR



VIEW OF TERMINAL END

T6CK
T6BM
T4CC
T2DL
T4C

DRAWING REVISION	REVISION BY	REV DATE/ © DATE
F	SV	05/12/2026
REQUEST NUMBER	APPROVED BY	DATE
CR-0026249	RMS	05/12/2026

REQUEST NUMBER DESCRIPTION
DRAWING TITLE BLOCK UPDATED

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TOLERANCES (EXCEPT AS NOTED):

DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±7' 30"
.XX	±0.02	[±0.5]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45 °
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 200 / INCH 5.1 / mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY	
BLR	
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REFERENCE	
THIRD ANGLE PROJECTION	

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DESCRIPTION
CONNECTION DIAGRAM
3Ø - WYE START DELTA RUN

MATERIAL	PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
A	EE7340-LN 3 of 3	1 OF 1