marathon®

General Purpose Motors

Model No: 364TTDBD6028
Catalog No: GT0281

General Purpose Motor, 60 & 50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 364TC Frame, DP

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Product Information Packet: Model No: 364TTDBD6028, Catalog No: GT0281 General Purpose Motor, 60 & 50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 364TC Frame, DP

Nameplate Specifications

Phase	**3**	Output HP	**60 & 50 Hp**
Output KW	**45.0 & 37.0 kW**	Voltage	**230/460 & 190/380 V**
Speed	**1785 & 1485 r/min**	Synchronous RPM	**1800 & 1500 r/min**
Service Factor	**1.15 & 1.15**	Frame	**364TC**
Enclosure	**Drip Proof**	Thermal Protection	**No Protection**
Efficiency	**95 & 94.2 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**138/69 & 139/69.5 A**
Power Factor	**86.2**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**G**	Drive End Bearing Size	**6314**
Opp Drive End Bearing Size	**6313**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**22**	Number of Speeds	**1**

Technical Specifications

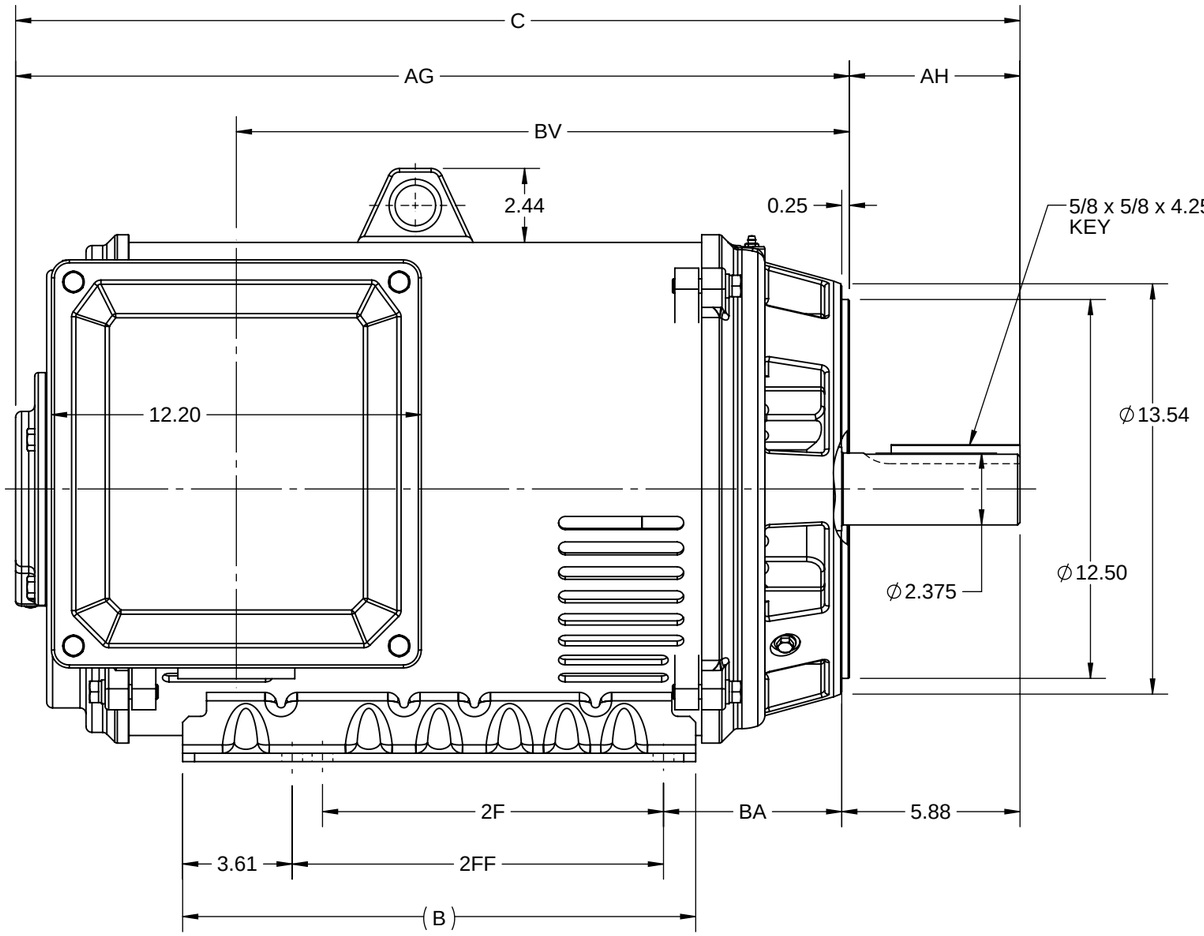
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Part Wdg Start Low Volt Only & Wye Start Delta Run Or Inverter**
Poles	**4**	Rotation	**Reversible**
Resistance Main	**.117 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Rolled Steel**
Shaft Type	**T**	Shaft Diameter	**2.375 in**
Assembly/Box Mounting	**F1/F2 Capable**	Inverter Load	**Variable 10:1**

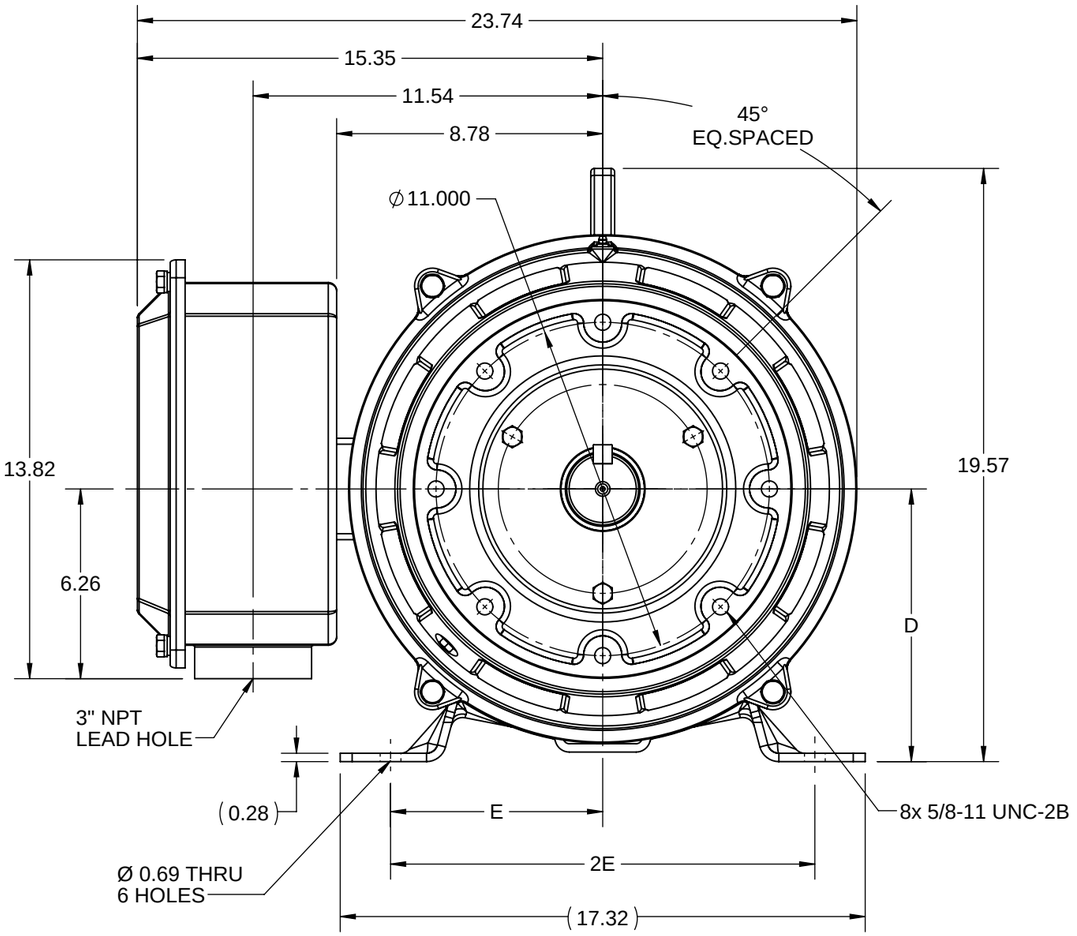
Drawings

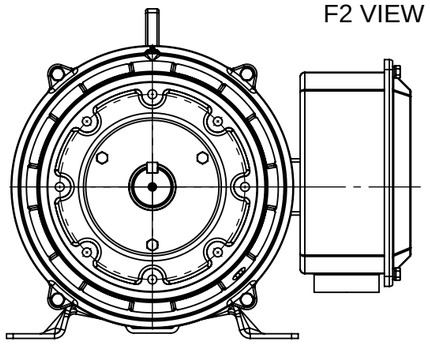
Connection Drawing	**EE7308AA**	Outline Drawing	**SS620751-100**

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DASH NO.	B	C	D	E	2E	2F	2FF	AG	AH	BA	BV	MOUNTING	FRAME
100	16.93	31.57	9.00	7.00	14.00	11.25	12.25	25.94	5.62	5.88	18.65	F1 OR F2	364TC
200		33.14						27.51			20.33		365TC







DRAWING REVISION	REVISION BY	REV DATE/© DATE
D	SV	05/22/2026
REQUEST NUMBER	APPROVED BY	DATE
CR-0026372	RMS	05/22/2026

REQUEST NUMBER DESCRIPTION
DRAWING TITLE BLOCK UPDATED

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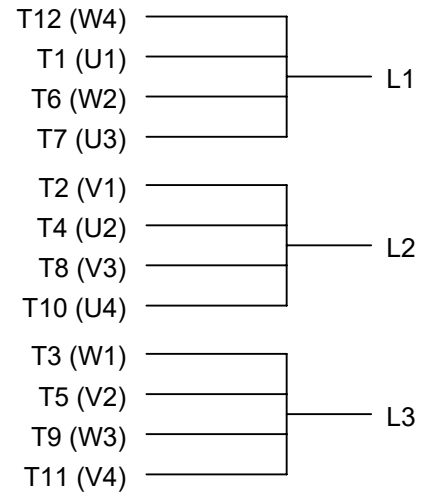
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THIRD ANGLE PROJECTION	

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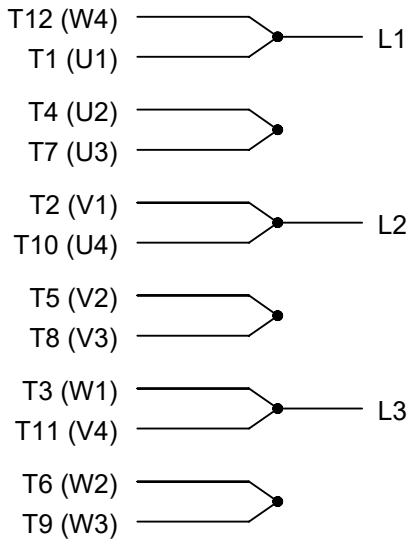
DESCRIPTION
OUTLINE
364/365TC FR NEMA ODP RS

MATERIAL | PROCESS/FINISH

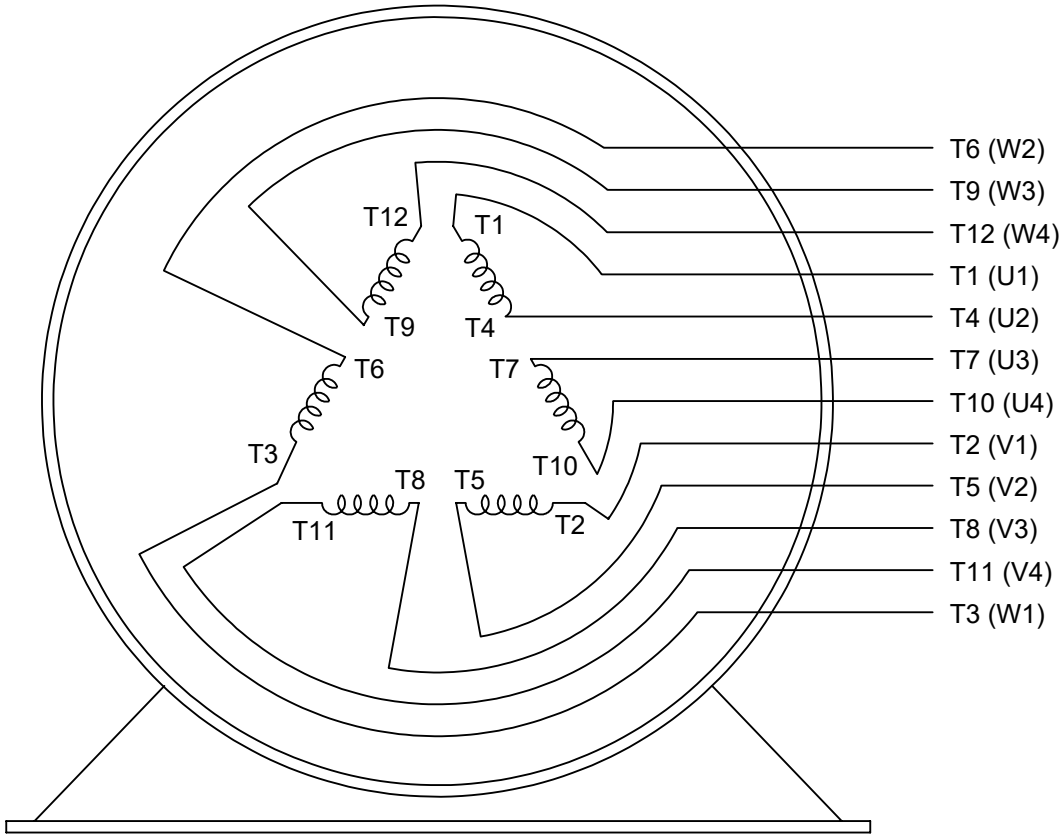
SIZE	DRAWING NUMBER	SHEET
B	SS620751	1 OF 1



LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION: L	REVISION BY: SB	REV DATE/© DATE: 08/01/2025	PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY: LZ	marathon™
REQUEST NUMBER: CR-0023654	APPROVED BY: SBD	DATE: 08/01/2025		DATE: 01-12-1994	
REQUEST NUMBER DESCRIPTION: DRAWING TITLE BLOCK UPDATED				APPROVED BY: GK	DESCRIPTION: CONN DIAGRAM-EXTERNAL 3Ø-2/1 DELTA-12 LEADS
				DATE: 01-14-1994	
				REFERENCE	MATERIAL / PROCESS/FINISH
				THIRD ANGLE PROJECTION	SIZE: A / DRAWING NUMBER: EE7308AA / SHEET: 1 OF 1

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