marathon®

General Purpose Motors

Model No: 193379.60
Catalog No: 193379.60

General Purpose Motor, 3 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 100L Frame, TEFC

©2026 Marathon, All Rights Reserved.

marathon®

Product Information Packet: Model No: 193379.60, Catalog No: 193379.60 General Purpose Motor, 3 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 100L Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**3 Hp**
Output KW	**2.2 kW**	Voltage	**575 V**
Speed	**1770 r/min**	Synchronous RPM	**1800 r/min**
Service Factor	**1.15**	Frame	**100L**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**90.2 %**	Ambient Temperature	**40 °C**
Frequency	**60 Hz**	Current	**3.2 A**
Power Factor	**79.2**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**J**	Drive End Bearing Size	**6206**
Opp Drive End Bearing Size	**6206**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**55**	Number of Speeds	**1**

Technical Specifications

Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**4**	Rotation	**Reversible**
Mounting	**Rigid Base**	Motor Orientation	**Horizontal**
Drive End Bearing	**Ball**	Opp Drive End Bearing	**Ball**
Frame Material	**Cast Iron**	Shaft Type	**IEC**
Overall Length	**16.34 in**	Shaft Diameter	**1 1/8 in**
Shaft Extension	**2.36 in**	Assembly/Box Mounting	**F3**
Inverter Load	**Constant 10:1**		

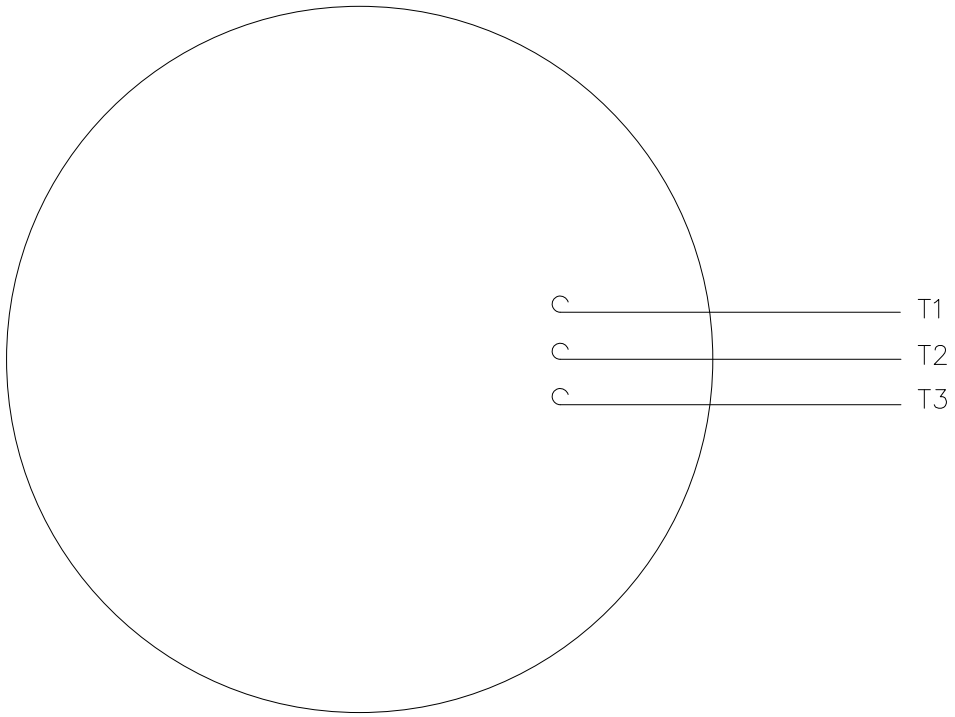
Drawings

Connection Drawing	**005102.01**	Outline Drawing	**B-SS622236**

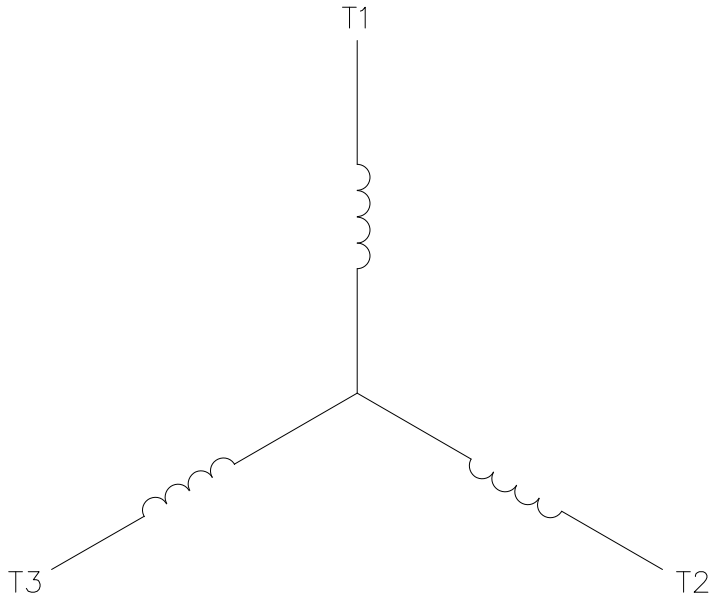
This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 14/10/2026

Uncontrolled Copy

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



CONNECT LEADS AS FOLLOWS
FOR FOUR CONDUCTOR CORD ( )

CORD	L1 (RED)	L2 (WHITE)	L3 (BLACK)	(GREEN)
MOTOR	T1	T2	T3	GROUND

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

REQUEST NUMBER DESCRIPTION
DRAWING TITLE BLOCK UPDATED

COPYRIGHT (PER REVISION DATE) MARATHON ELECTRIC, LLC. ALL RIGHTS RESERVED.
PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF MARATHON ELECTRIC, LLC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.

TOLERANCES (EXCEPT AS NOTED):

DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±0.5°
.XX	±0.01	[±0.3]	
.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: 125 INCH / 3.2 mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY	
JRW	
DATE	
09/11/75	
APPROVED BY	
JCW	
DATE	
09/11/75	
REFERENCE	
W-T8343-6	
THIRD ANGLE PROJECTION	

marathon™

DESCRIPTION
EXTERNAL WIRING DIAGRAM
TYPE "T" W/O PROTECTOR

MATERIAL	PROCESS/FINISH
DECAL - 004169	

SIZE	DRAWING NUMBER	SHEET
A	3 of 3 005102-01	1 OF 1