

# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: 056T17F15903

Catalog No: G549A

2 HP General Purpose Motor, 3 phase, 1800 RPM, 575 V, 56C Frame, TEFC  
Three Phase TEFC Motors



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**REGAL**

### Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	575 V
Current	2.4 A	Speed	1725 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Power Factor	71
Duty	Continuous	Insulation Class	B
Design Code	A	KVA Code	N
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	43

### Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	6.58 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	15.15 in
Shaft Diameter	0.625 in	Assembly/Box Mounting	F1 Only

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NOTE:  
CONDUIT BOX CAN BE ROTATED 180°

The logo for Marathon Electric, featuring a stylized 'M' inside a square followed by the words 'MARATHON' and 'ELECTRIC' in a bold, blocky font.

# THREE PHASE - SINGLE VOLTAGE MOTOR - CONDUIT BOX @ 'A'

TO REVERSE ROTATION:  
INTERCHANGE ANY TWO  
LINE LEAD CONNECTIONS.

## TERMINAL BLOCK WHEN SPECIFIED



### IF MOTOR HAS 6 LEADS



A-9806 DECAL

### OPTIONAL CORD CONNECTION



## VIEW OF TERMINAL END

DRAWING REVISION AB	REVISION BY JJB	DATE 06-27-2017
ECO ECO-0125361	APPROVED BY TB	DATE 06-27-2017
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS		
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DRAWN BY DA
DATE 03-26-1993
APPROVED BY TB
DATE 03-26-1993
REFERENCE
THIRD ANGLE PROJECTION



Regal Beloit America, Inc.

DESCRIPTION  
**CONNECTION DIAGRAM**  
EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR

MATERIAL PROCESS/FINISH

SIZE A	DRAWING NUMBER EE7300	SHEET 1 OF 1
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**MARATHON ELECTRIC CORPORATION**

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

575

Volts

 HP 2.00

 PHASE 3

 Model No 56T17F15903
60

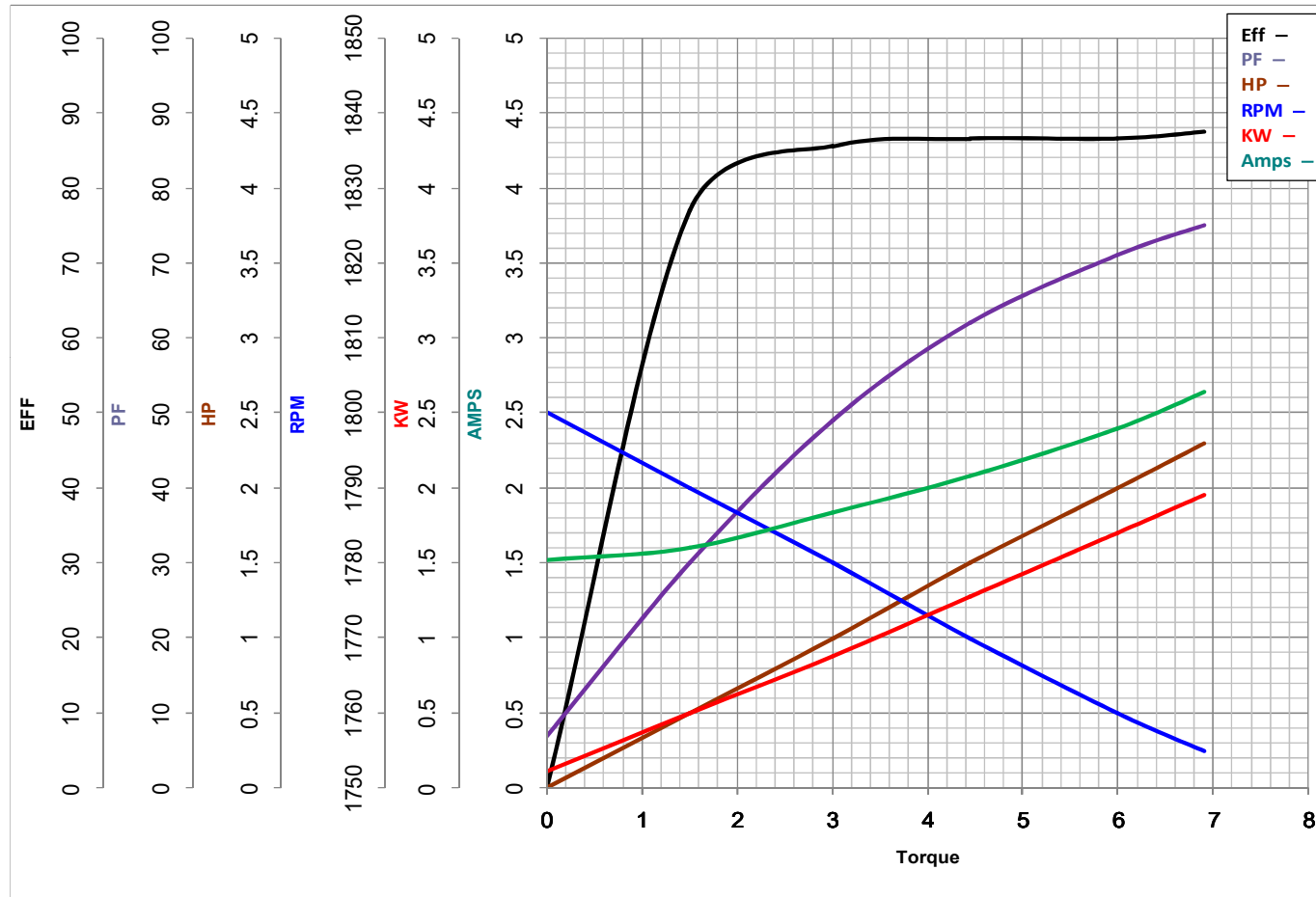
HZ

 VOLTS 575
2

HP

 Catalog No G549A

 HZ 60

 RPM 1725


Torque in Lb.Ft

 FL TORQUE 6 Lb.Ft

 BD TORQUE 33.2 Lb.Ft

 LR TORQUE 24.5 Lb.Ft

 FL AMPS 2.4

 PU TORQUE 23.7 Lb.Ft

 LR AMPS 24.4

WINDING ZT4255-4

Date 11/6/2018