

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 056B17D11014

Catalog No: G230A

0.33 HP General Purpose Motor, 1 phase, 1800 RPM, 115/230 V, 56C Frame, ODP
Single Phase ODP Motors



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REGAL

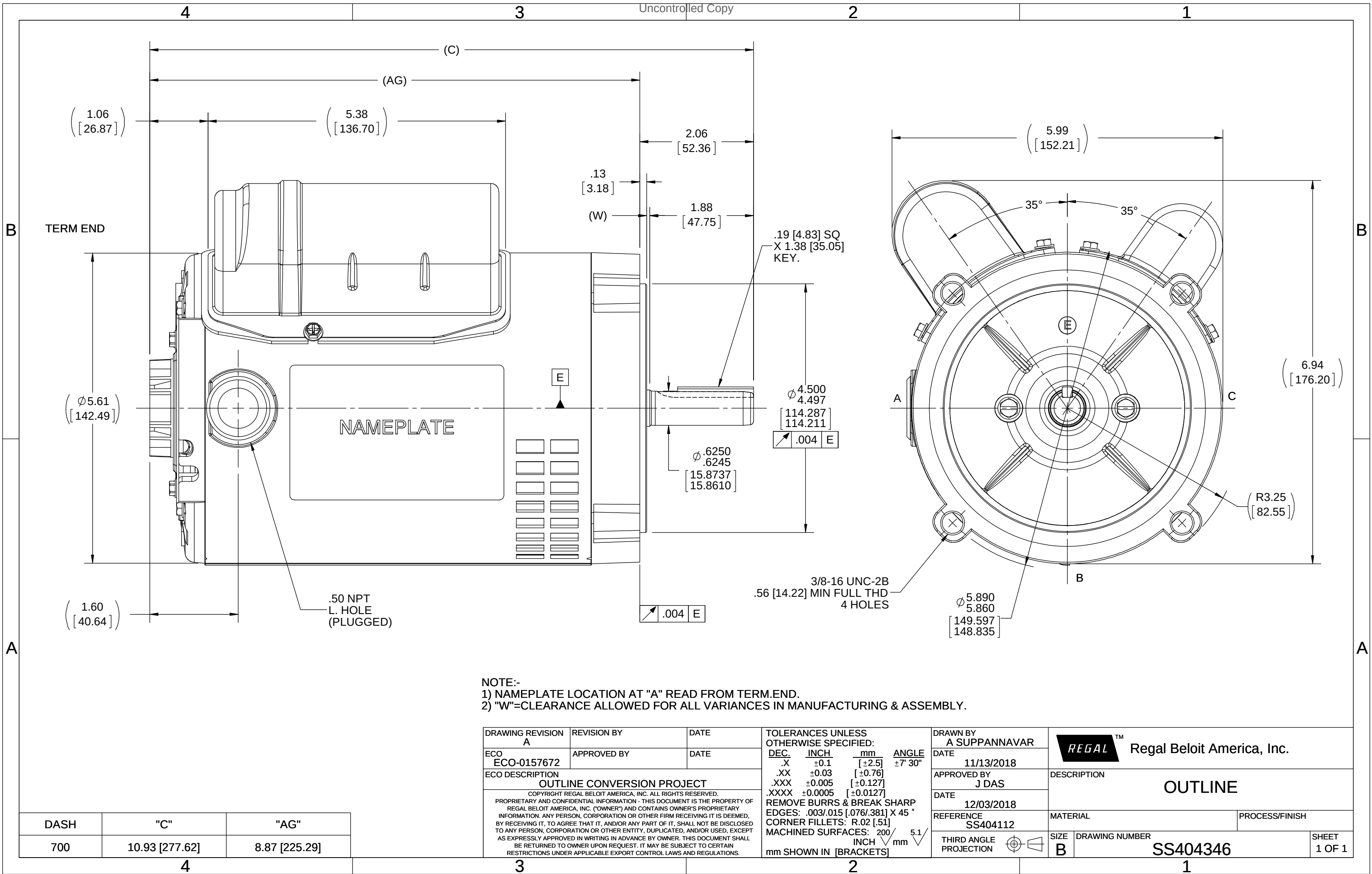
Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115/230 V
Current	3.8/1.9 A	Speed	1725 rpm
Service Factor	1.35	Phase	1
Efficiency	72.4 %	Power Factor	79
Duty	Continuous	Insulation Class	B
Design Code	N	KVA Code	L
Frame	56C	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	22

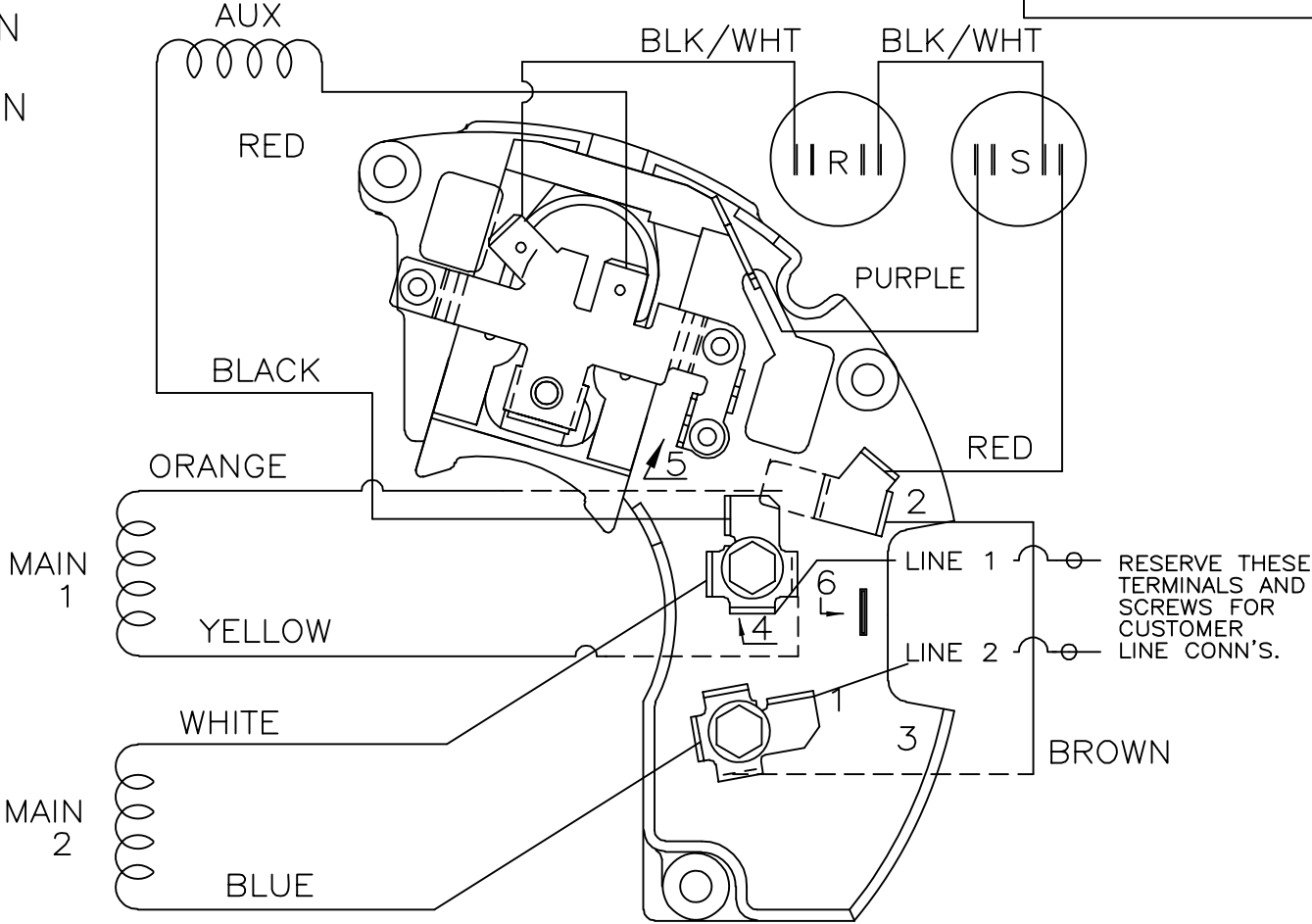
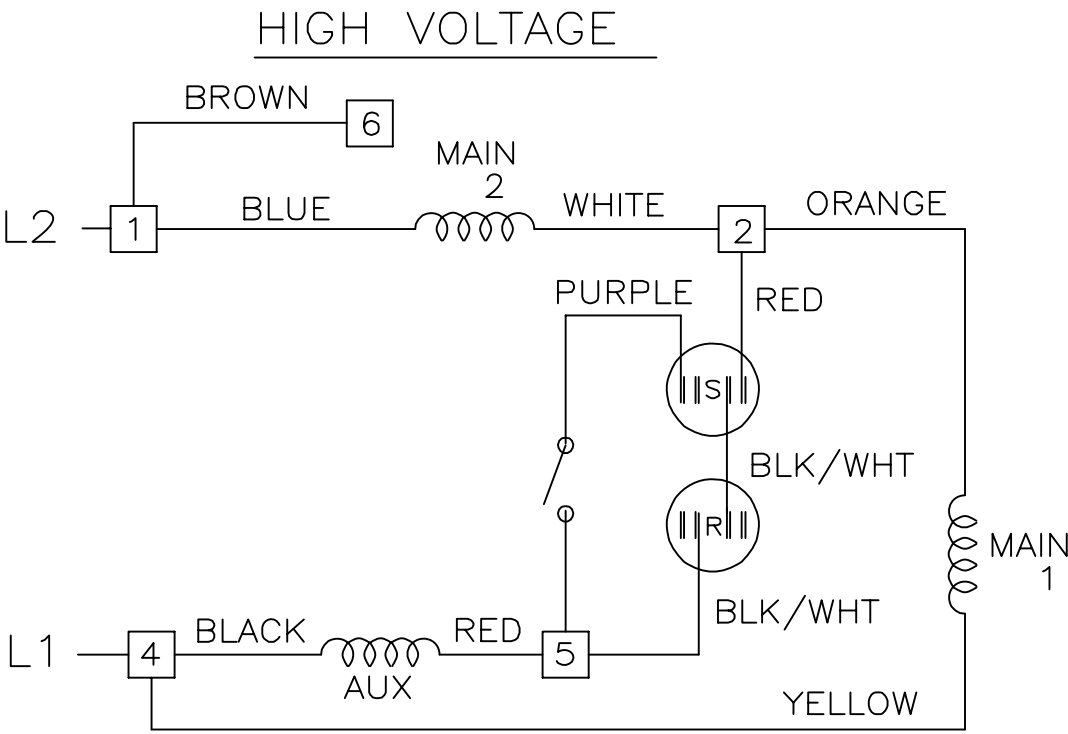
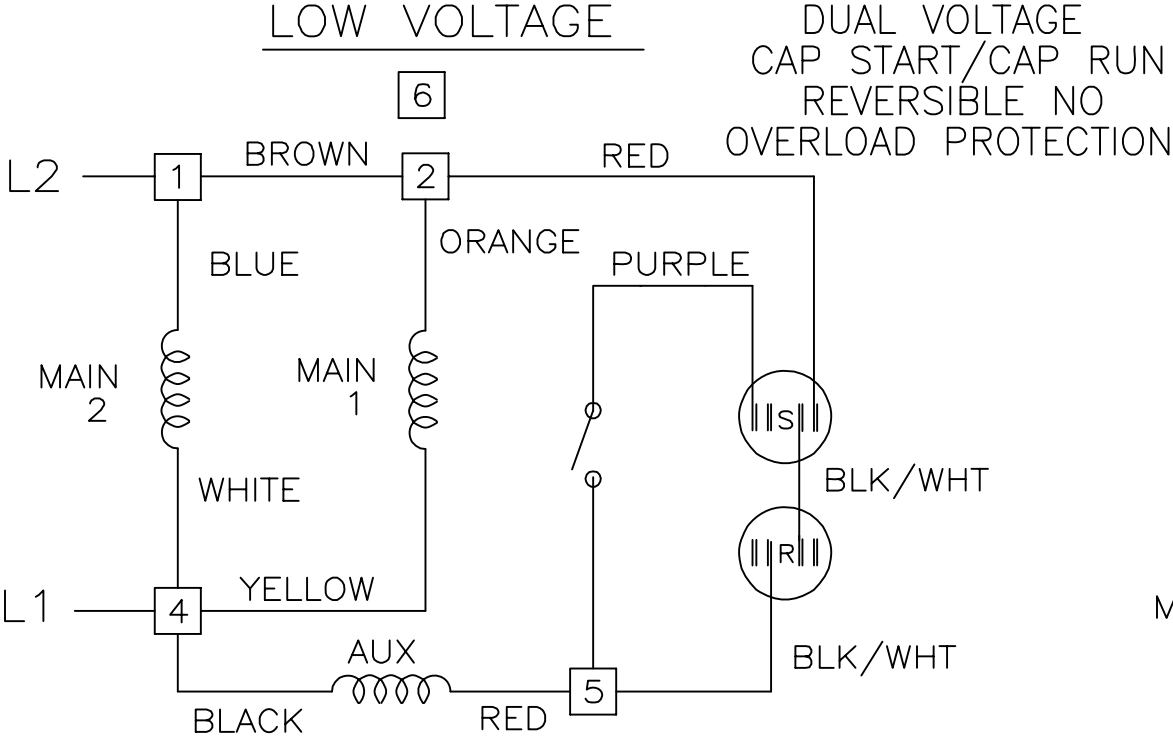
Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 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	10.94 in
Frame Length	7.00 in	Shaft Diameter	0.625 in
Shaft Extension	2.06 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE9002J-REGAL	Outline Drawing	A-SS404346-700

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EE9002J



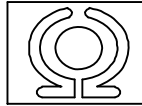
VIEWING TERM END

LOW VOLTAGE CCW ROTATION SHOWN.

FOR HIGH VOLTAGE
CONNECT BROWN TERM 2 TO TERM 6.
CONNECT WHITE TERM 4 TO TERM 2.

TO REVERSE ROTATION EITHER
VOLTAGE INTERCHANGE RED
LEAD WITH BLACK LEAD.

DASH LINES INDICATE LEADS CONNECTED
TO MOTOR SIDE OF SWITCH.

				TOLERANCES UNLESS SPECIFIED		 MARATHON ELECTRIC	DRAWN SVL 6/17/2013				
				DEC.	INCHES		CHK				
				.X	± -		APPD				
				.XX	± -		SCALE NTS				
				.XXX	± -		REF EE9002J				
2	TEMPLATE LOGO CHNAGED FROM MARATHON TO DAYTON	KR 05/16/2014	VS	.XXXX	± -	MAT'L.			FMF PR132489		
NO.	REVISION	BY & DATE	CHK	ANG	± -	FINISH			PREV		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT				RFP		CAD FILE ee9002j		SIZE A	DRAWING NO. EE9002J	PAGE 1 OF 2	REV. 02
				DIST							

CERTIFICATION DATA SHEET

Model#: 56B17D11014 A
 CONN. DIAGRAM: A-EE9002J-REGAL
 OUTLINE: A-SS404112-700

WINDING#: BE484111 NONE 3
 ASSEMBLY: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/3	0.25	1800	1725	56C	DP	L	N

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115/230	3.8/1.9	ACROSS THE LINE	CONTINUOUS	B3	1.35	40	3300

FULL LOAD EFF: 72.4	3/4 LOAD EFF: 61.2	1/2 LOAD EFF: 51.4	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 79	3/4 LOAD PF: 76.3	1/2 LOAD PF: 69.2	72.4	CAP START CAP RUN	2.5 / 1.2

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
16 LB-FT	28.4 / 14.2	58 LB-FT 362	43.5 LB-FT 272	30

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0 LB-FT^2	0 LB-FT^2	10 SEC.	0	0 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL						
6203	6203	MULTEMP SRL	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

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INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

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 FORM 3531 REV.3 02/07/99
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MARATHON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

230

Volts

 HP 0.33

 PHASE 1

 Model No 56B17D11014
60

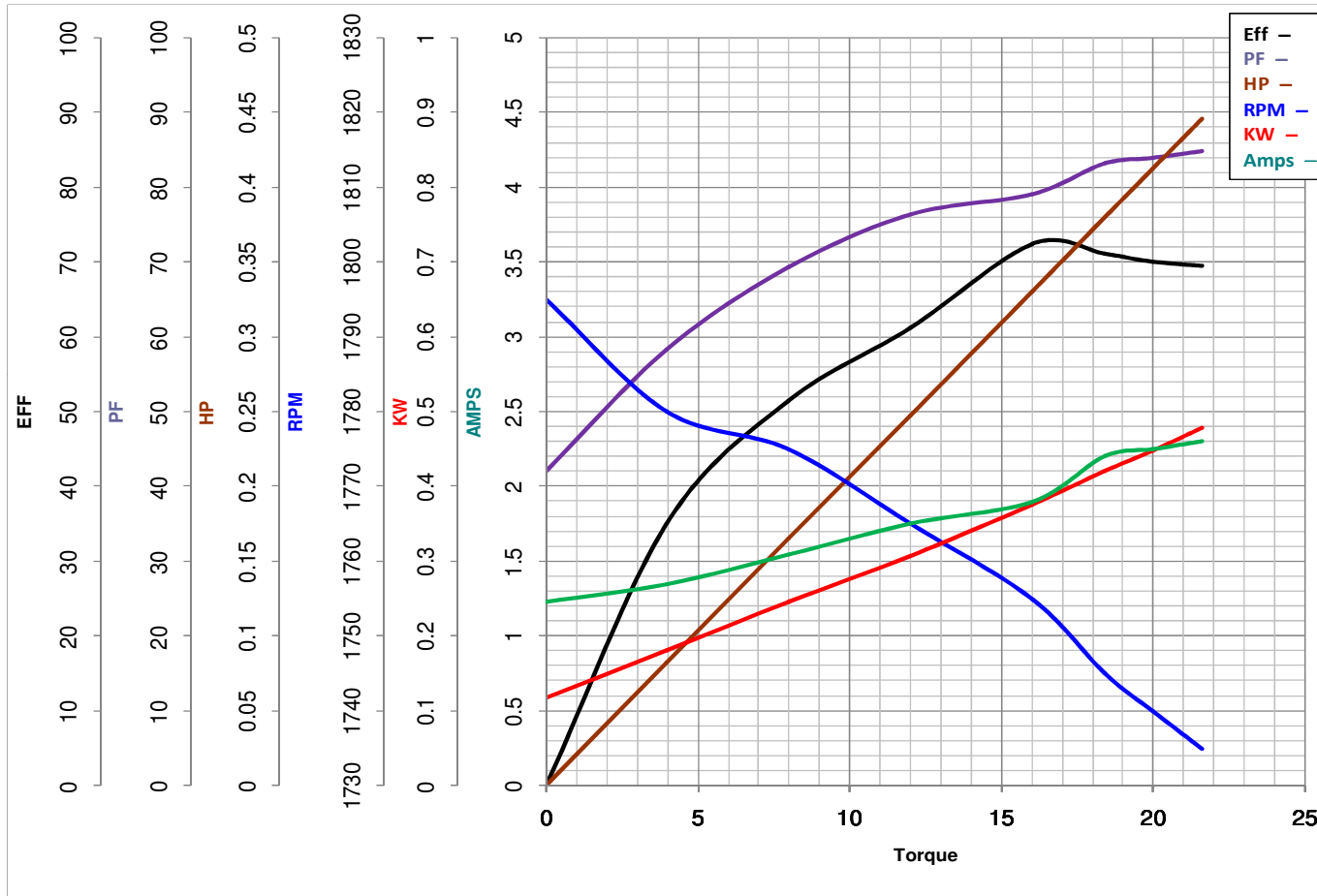
HZ

 VOLTS 115/230
0.33

HP

 Catalog No G230A

 HZ 60

 RPM 1725


Torque in Oz.Ft

 FL TORQUE 16 Oz.Ft

 BD TORQUE 43.5 Oz.Ft

 LR TORQUE 58 Oz.Ft

WINDING BE484111-3

 FL AMPS 3.8/1.9

 PU TORQUE 58.0 Oz.Ft

 LR AMPS 14.2

Date 1/11/2019