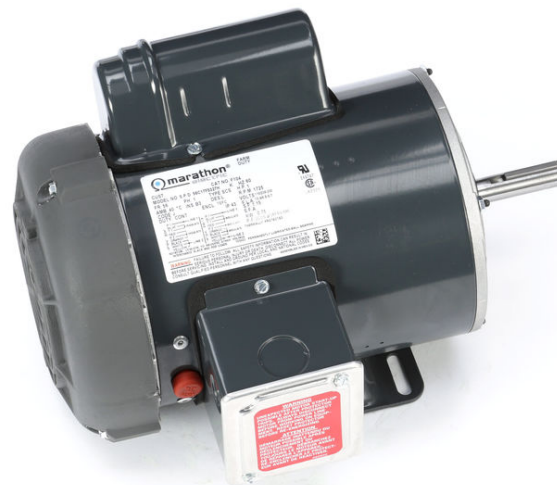


PRODUCT INFORMATION PACKET

Model No: 056C17F5327

Catalog No: F104

1 HP General Purpose Farm Duty Motor, 1 phase, 1800 RPM, 115/208-230 V, 56 Frame, TEFC
Single Phase Farm Duty Motors



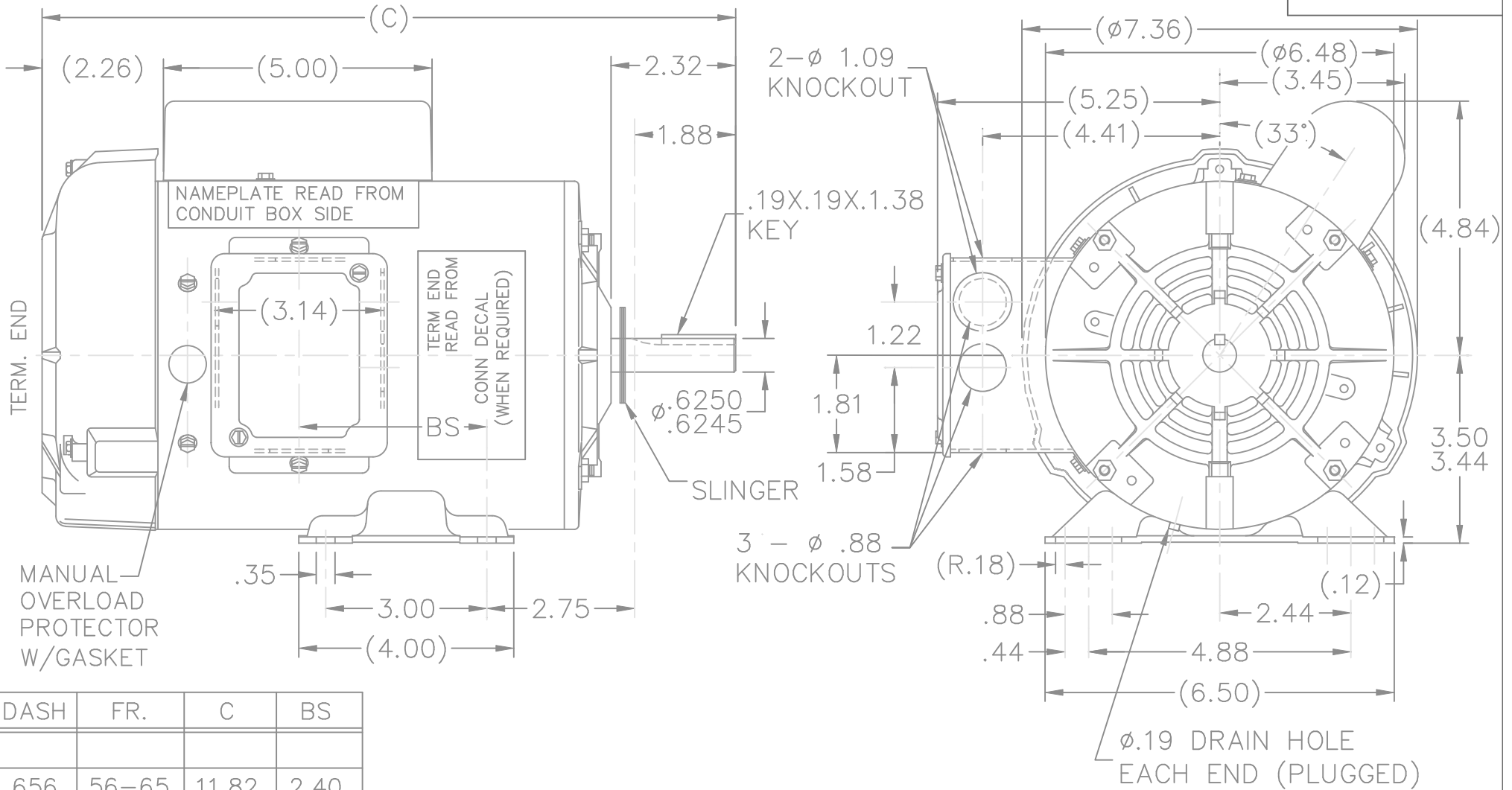
Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	13.4/6.8-6.7 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	72 %	Power Factor	69.5
Duty	Continuous	Insulation Class	B
Design Code	L	KVA Code	J
Frame	56	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	12.82 in
Frame Length	7.56 in	Shaft Diameter	0.625 in
Shaft Extension	2.32 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-102005-52	Outline Drawing	A-100137-756

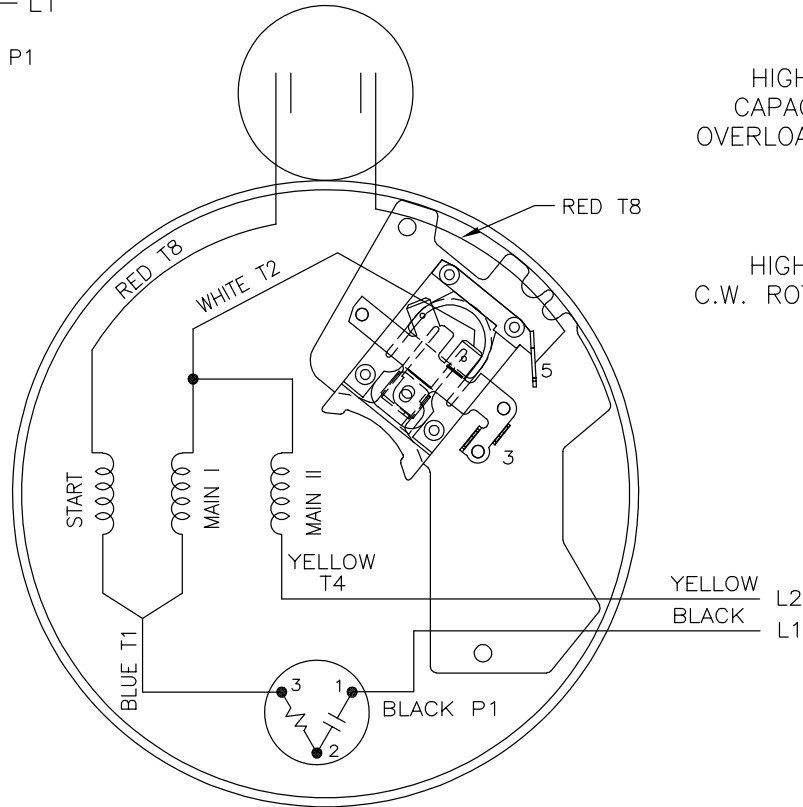
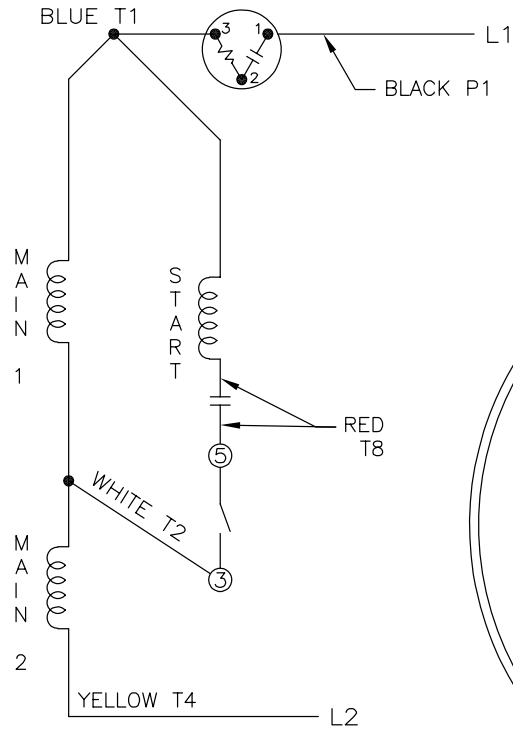
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DASH	FR.	C	BS
656	56-65	11.82	2.40
706	56-70	12.32	2.90
756	56-75	12.82	3.40

				TOLERANCES UNLESS SPECIFIED			DRAWN ML 01-11-1992				
				DEC.	INCHES		CHK GK 01-12-1992				
				.X	±.1		APPD FG 01-12-1992				
				.XX	±.03		SCALE 3=8				
4	REDRAWN IN AUTOCAD	TAT 06-13-2005	ML	.XXX	±.005	TITLE OUTLINE	REF				
3	REDRAWN ON CAD, ADDED CONN. DECAL CN 13879	ML 01-12-1992		.XXXX	±.0005	56 FRAME - BB - TEFC - 1ø	FMF				
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	MAT'L.	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 100137	SIZE	DRAWING NO.	PAGE	OF	REV.
				DIST	WP		A	100137			4

HIGH VOLTAGE - C.W.



HIGH VOLTAGE
CAPACITOR START
OVERLOAD - C.W. FIXED

HIGH VOLTAGE
C.W. ROTATION SHOWN

			TOLERANCES UNLESS SPECIFIED			DRAWN	PVR	03/18/14	
			DEC.	INCHES		CHK	SM	03/18/14	
			.X	±.1		APPD			
			.XX	±.02	TITLE	CONNECTION DIAGRAM	SCALE	5=8	
			.XXX	±.005			REF	EXME140343	
			.XXXX	±.0005	MAT'L.		FMF	56C28D15508	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV		
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			DIST	WP			A	102005-152	



MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

230 Volts
60 HZ
1 HP

HP 1.00

PHASE 1

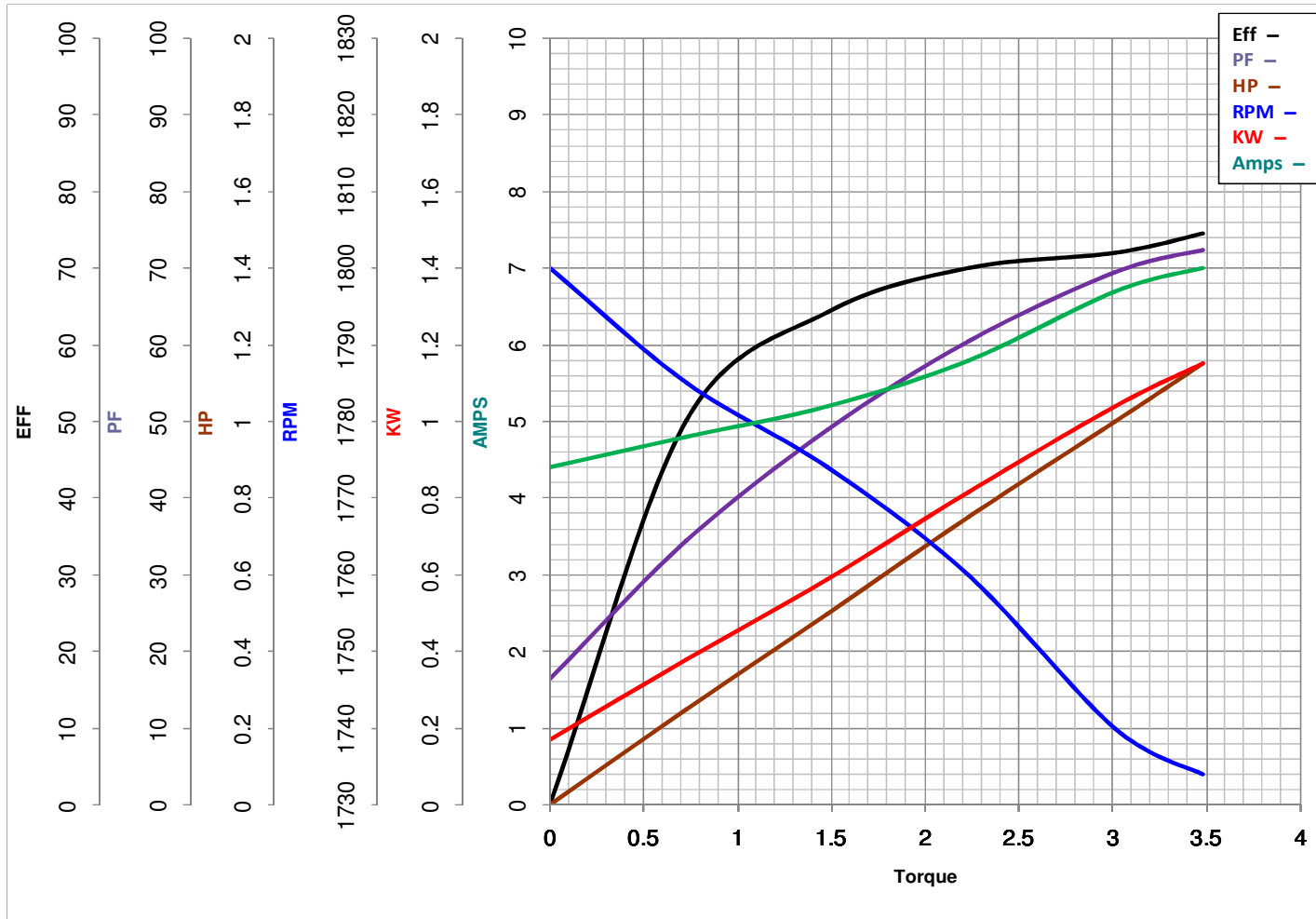
Model No 56C17F5327

VOLTS 115/208-230

Catalog No F104

HZ 60

RPM 1725



Torque in LB-FT

FL TORQUE 3.018 LB-FT
BD TORQUE 7.6 LB-FT
LR TORQUE 8.9 LB-FT

FL AMPS 13.4/6.8-6.7
PU TORQUE 6.3 LB-FT
LR AMPS 34.7

WINDING ZC407-3

Date 1/9/2019