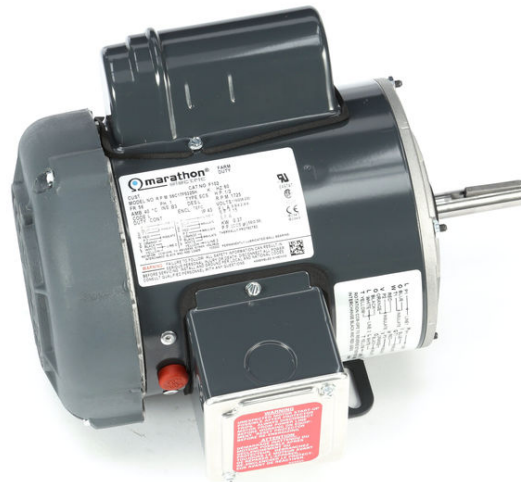


PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 056C17F5325
Catalog No: F102
1/2,1800,TEFC,56,1/60/115/208-230
Single Phase



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REGAL

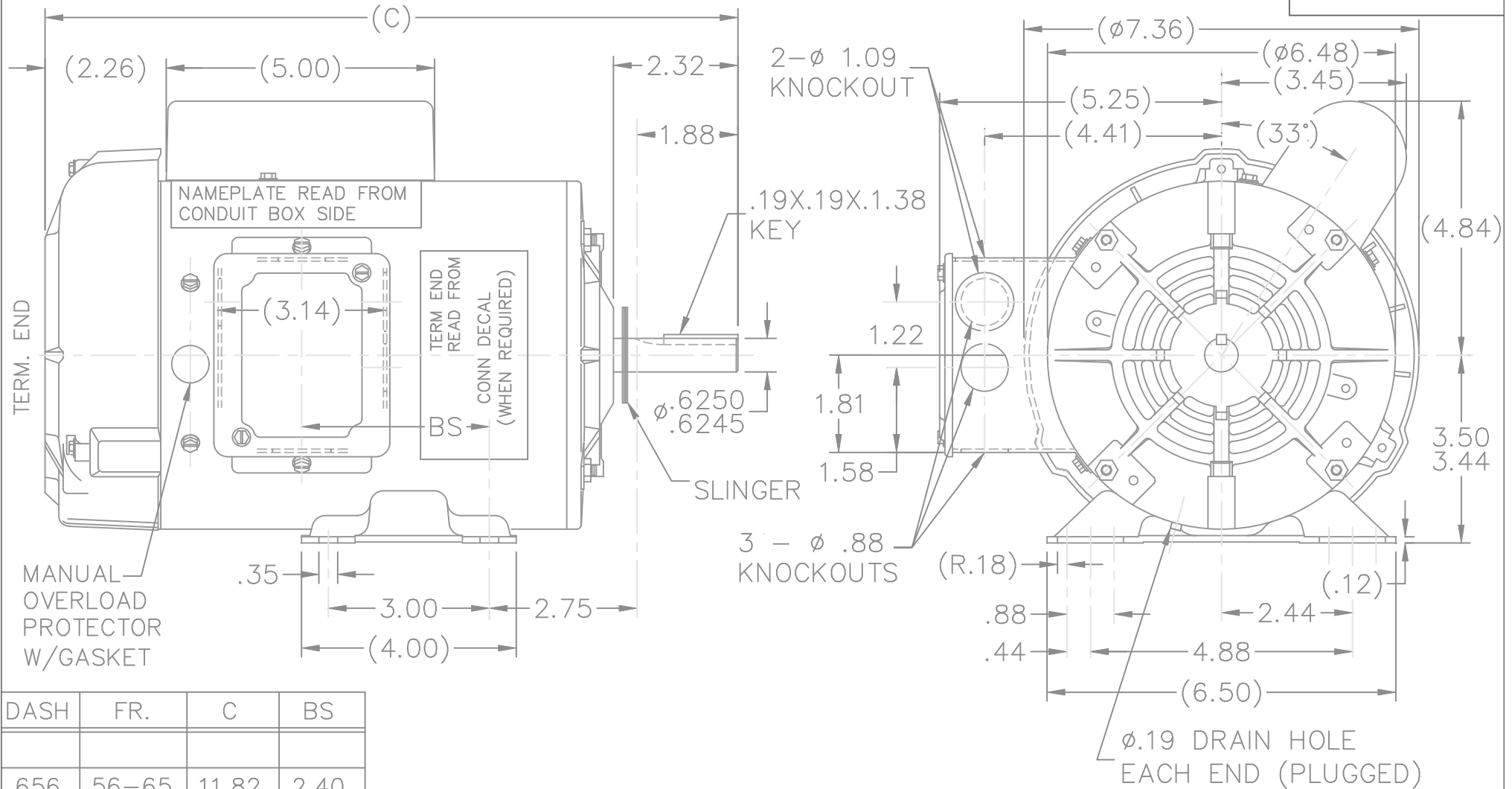


Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	8.8/4.2-4.4 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	66 %	Duty	Continuous
Insulation Class	B	Design Code	L
KVA Code	L	Frame	56
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	Manual
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	43		

Technical Specifications

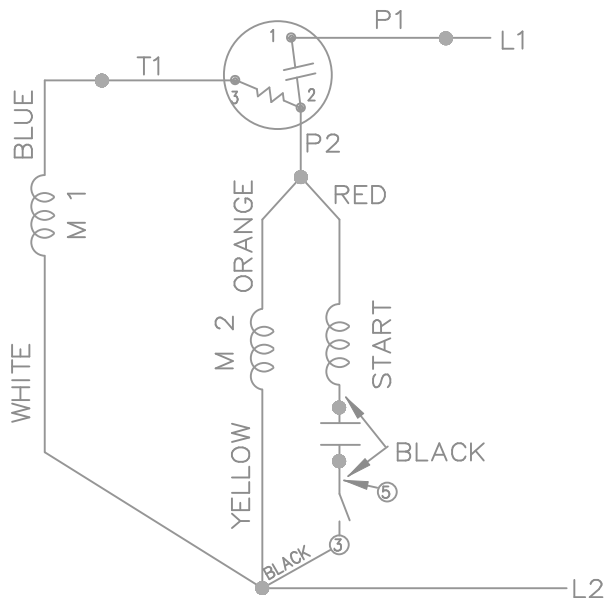
Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	11.82 in	Frame Length	6.56 in
Shaft Diameter	0.625 in	Shaft Extension	2.32 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	A-100137-656	Connection Diagram	A-102005-52



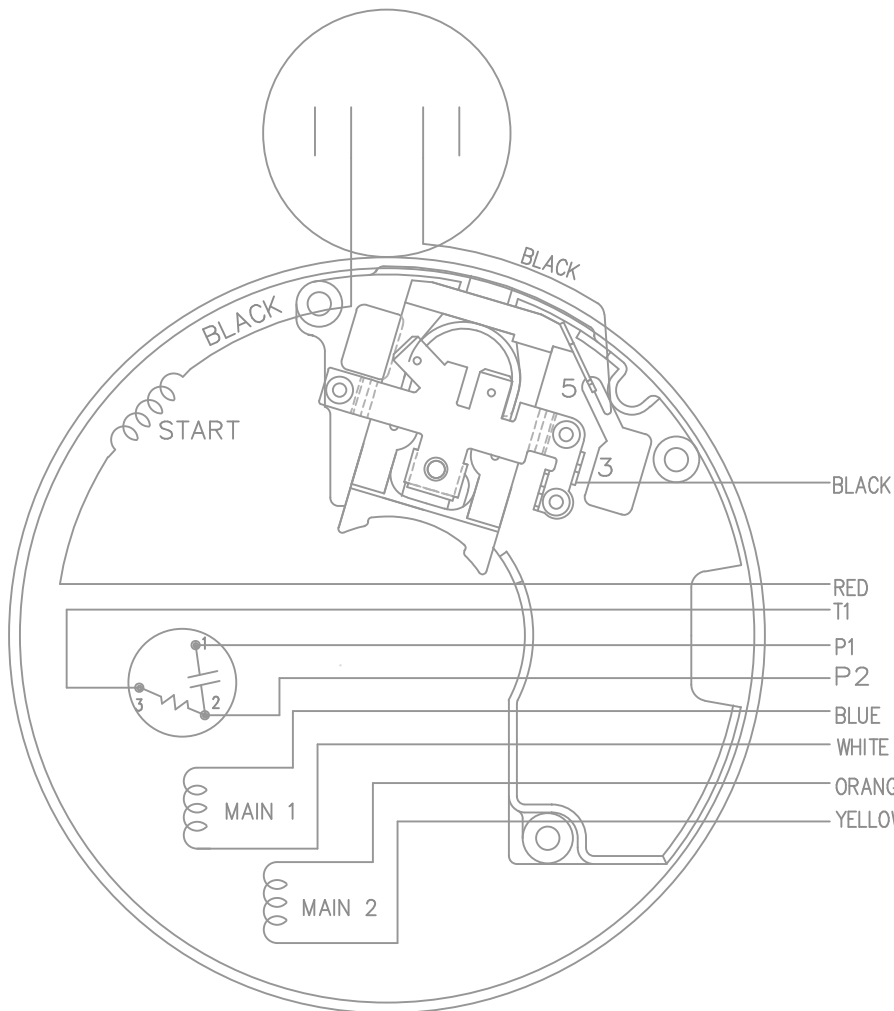
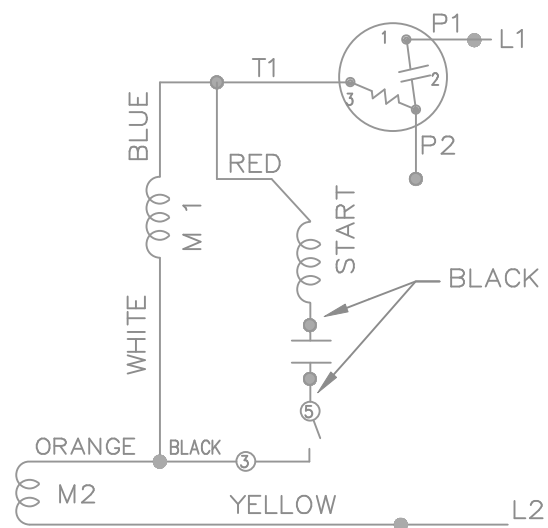
DASH	FR.	C	BS
656	56-65	11.82	2.40
706	56-70	12.32	2.90
756	56-75	12.82	3.40

				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 56 FRAME – BB – TEFC – 1ø	REF		
3	REDRAWN ON CAD, ADDED CONN. DECAL CN 13879	ML 01-12-1992		.XXXX	±.0005	MAT'L.	FMF				
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	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 100137		SIZE	DRAWING NO.	PAGE	OF	REV.
			DIST WP				A	100137			4

LOW VOLTAGE – CCW

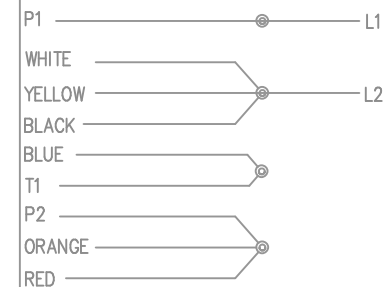


HIGH VOLTAGE – CCW

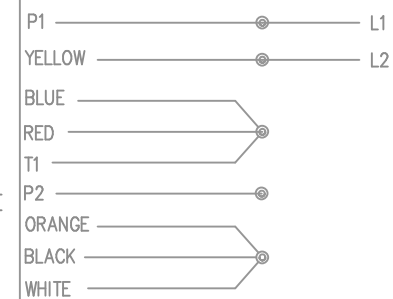


DUAL VOLTAGE
CAPACITOR START
OVERLOAD
SELECT ROTATION

LOW VOLT. CCW ROT.



HIGH VOLT. CCW ROT.



FOR CW ROTATION
EITHER VOLTAGE
INTERCHANGE RED
WITH BLACK

			TOLERANCES UNLESS SPECIFIED			DRAWN BRH 02-29-1996			
			DEC.	INCHES		CHK ML 03-06-1996			
			.X	±.1		APPD GK 03-06-1996			
			.XX	±.02		SCALE 5=8			
			.XXX	±.005		REF			
6	REISSUE	BRH 03-13-1996	.XXX	±.005	TITLE CONNECTION DIAGRAM				
5	REDRAWN ON CADD	BRH 03-06-1996	.XXXX	±.0005		MAT'L.			
NO.	REVISION	BY & DATE	CHK	ANG		FINISH			
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 102005-52		SIZE	DRAWING NO.	PAGE OF
			DIST	WP			A	102005-52	6

CERTIFICATION DATA SHEET

Model#:

56C17F5325 H

WINDING#:

ZC404 NONE 3

CONN. DIAGRAM:

A-102005-52

ASSEMBLY:

F1 ONLY

OUTLINE:

A-100137-656

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/2	.37	1800	1725	56	TEFC	L	L

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115/208-230	8.8/4.2-4.4	ACROSS THE LINE	CONTINUOUS	B3	1.15	40	3300

FULL LOAD EFF: 66	3/4 LOAD EFF: 58.3	1/2 LOAD EFF: 54.3	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 58	3/4 LOAD PF: 50.3	1/2 LOAD PF: 40.5	0	CAP START IND RUN	7 / 3.5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
24.1 LB-FT	42.6 / 21.3	83.8 LB-FT -	72.3 LB-FT -	0

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

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	BRAKE	RIGID	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	POLYREX EM	T	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /in HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	MANUAL	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

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