

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 056C17F5955  
Catalog No: G381  
3/4,1725,TEFC,56C,1/60/115/208-230  
Pressure Washers



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**REGAL**<sup>®</sup>



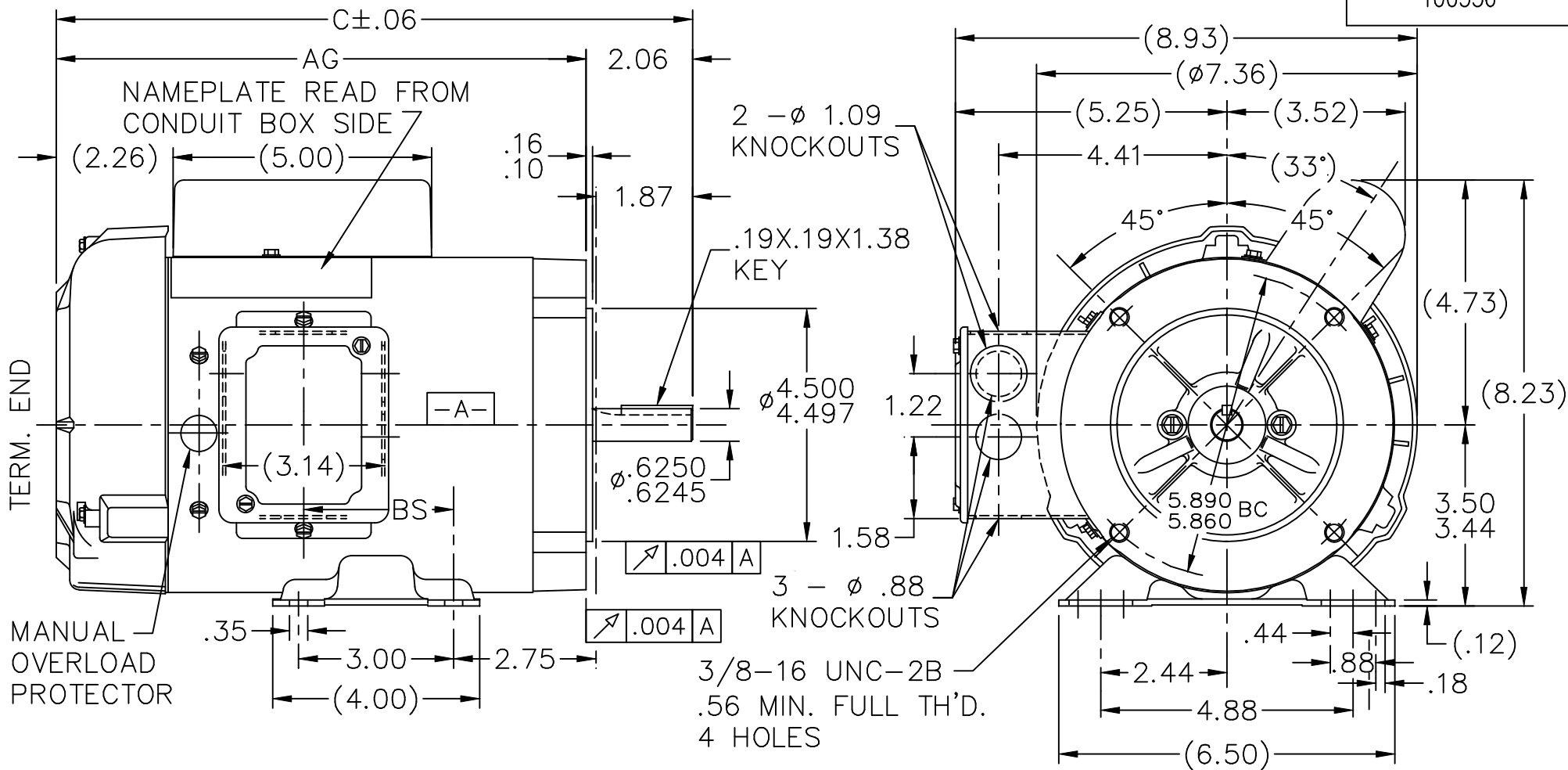
### Nameplate Specifications

Output HP	<b>0.75 Hp</b>	Output KW	<b>0.56 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>11.0/5.4-5.5 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>70.5 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>NO DESIGN CODE</b>
KVA Code	<b>L</b>	Frame	<b>56C</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>Manual</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>43</b>		

### Technical Specifications

Electrical Type	<b>Capacitor Start Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Selective Counterclockwise</b>
Mounting	<b>Rigid base</b>	Motor Orientation	<b>Horizontal</b>
Drive End Bearing	<b>Ball</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>NEMA 56</b>
Overall Length	<b>12.32 in</b>	Frame Length	<b>7.06 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>2.06 in</b>
Assembly/Box Mounting	<b>F1 Only</b>		
Outline Drawing	<b>A-100336-706</b>	Connection Diagram	<b>102005-52</b>

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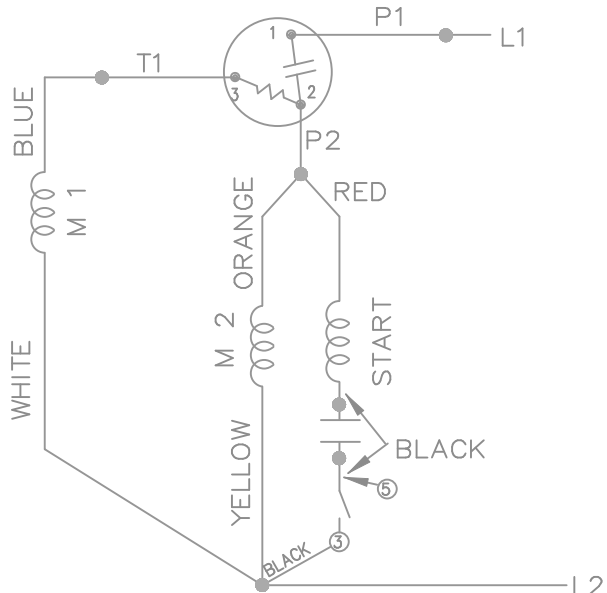


DASH	FRAME	C	AG	BS	DASH	FRAME	C	AG	BS
					806	56-80	13.32	11.25	3.90
656	56-65	11.82	9.75	2.40	856	56-85	13.82	11.75	4.40
706	56-70	12.32	10.25	2.90					
756	56-75	12.82	10.75	3.40					

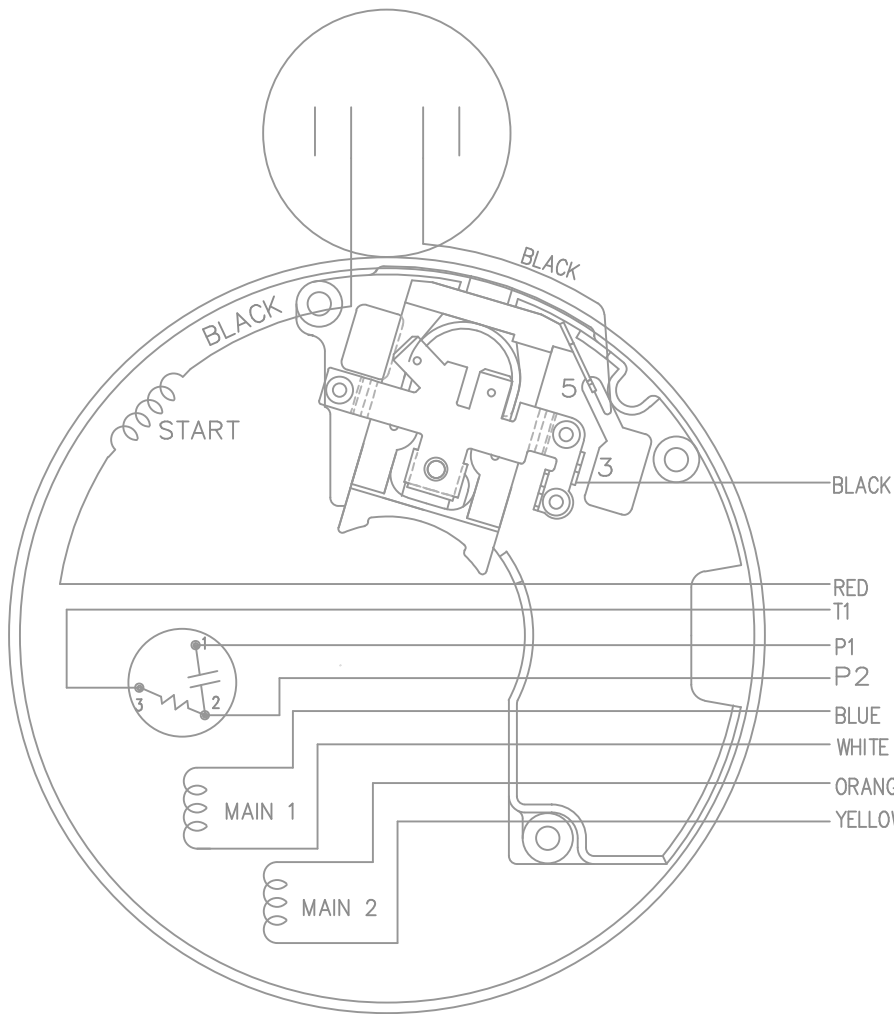
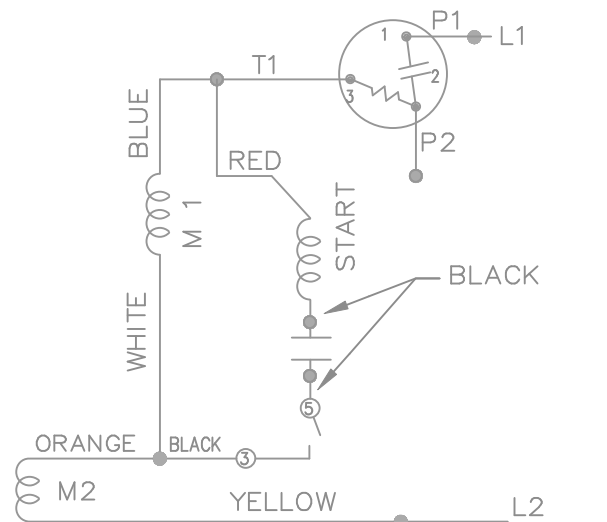
NOTES:  
1. CONDUIT BOX CAN BE ROTATED 180°.

			TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN GK 05-30-1989			
			DEC.	INCHES		CHK ML 05-30-1989	APPD FG 05-30-1989	SCALE 11=32	REF
			.X	±.1					
3	UPDATED DRAWING	RJW 03-28-2007	.XX	±.03	TITLE OUTLINE				
2	REDRAWN IN AUTOCAD	TAT 06-24-2005	DRS	.XXX	56 FR. - BB - TEFC - C' FACE - 1°				
1	NEW DRAWING 3598240	GK 05-30-1989		.XXXX	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 100336	SIZE A	DRAWING NO. 100336	PAGE OF	REV. 3
			DIST	WP					

LOW VOLTAGE - CCW

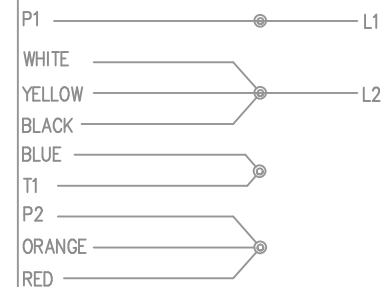


HIGH VOLTAGE - CCW

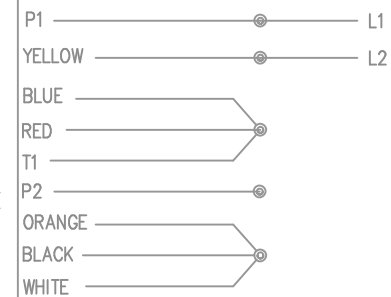


DUAL VOLTAGE  
CAPACITOR START  
OVERLOAD  
SELECT ROTATION

LOW VOLT. CCW ROT.



HIGH VOLT. CCW ROT.



FOR CW ROTATION  
EITHER VOLTAGE  
INTERCHANGE RED  
WITH BLACK

			TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN BRH 02-29-1996			
			DEC.	INCHES		CHK ML 03-06-1996			
			.X	±.1	TITLE CONNECTION DIAGRAM	APPD GK 03-06-1996	SCALE 5=8		
6	REISSUE	BRH 03-13-1996	.XXX	±.005		REF			
5	REDRAWN ON CADD	BRH 03-06-1996	.XXXX	±.0005		MAT'L.	FMF		
NO.	REVISION	BY & DATE	CHK	ANG ±7'30"		FINISH	PREV		
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			DIST	WP					

CERTIFICATION DATA SHEET

Model#: 56C17F5955 B WINDING#: ZC469 NONE 3  
 CONN. DIAGRAM: 102005-52 ASSEMBLY: F1 ONLY  
 OUTLINE: A-100336-706

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4	.56	1800	1725	56C	TEFC	L	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115/208-230	11/5.4-5.5	ACROSS THE LINE	CONTINUOUS	B3	1.15	40	3300

FULL LOAD EFF: 70.5	3/4 LOAD EFF: 69.4	1/2 LOAD EFF: 63.2	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
			0	CAP START IND RUN	7.5 / 3.8

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
36 LB-FT	61 / 30.5	133 LB-FT 0	97.9 LB-FT 0	70

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	0 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	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	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n 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  
O  
T  
E  
S  
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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

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