

# PRODUCT INFORMATION PACKET

Model No: 056C34F5323  
Catalog No: G516  
3/4,3450,TEFC,56C,1/60/115/208-230  
Totally Enclosed Fan Cooled (TEFC)



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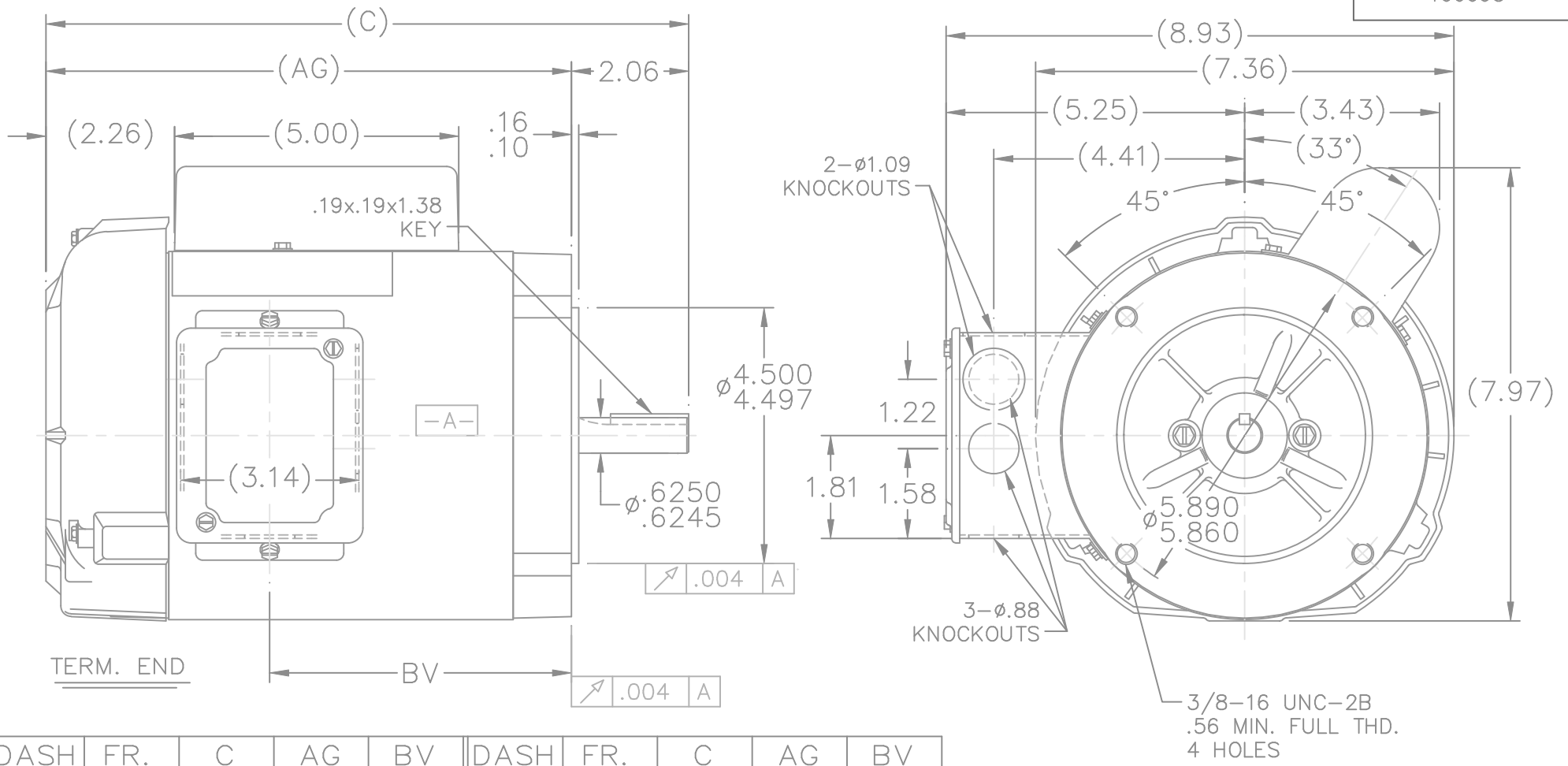
### Nameplate Specifications

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>10.6/5.3-5.3 A</b>	Speed	<b>3450 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>66 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>N</b>
KVA Code	<b>M</b>	Frame	<b>56C</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>No</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>N</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>2</b>	Rotation	<b>Selective Counterclockwise</b>
Mounting	<b>Round</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-100098-706</b>	Connection Diagram	<b>102005-51</b>

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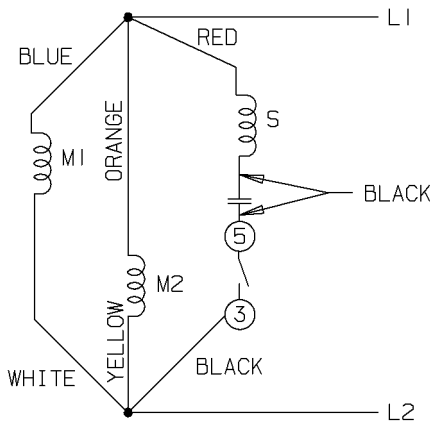


DASH	FR.	C	AG	BV	DASH	FR.	C	AG	BV
					806	56-80	13.32	11.25	7.31
656	56-65	11.82	9.75	5.81	856	56-85	13.82	11.75	7.81
706	56-70	12.32	10.25	6.31	906	56-90	14.32	12.25	8.31
756	56-75	12.82	10.75	6.81	956	56-95	14.82	12.75	8.81

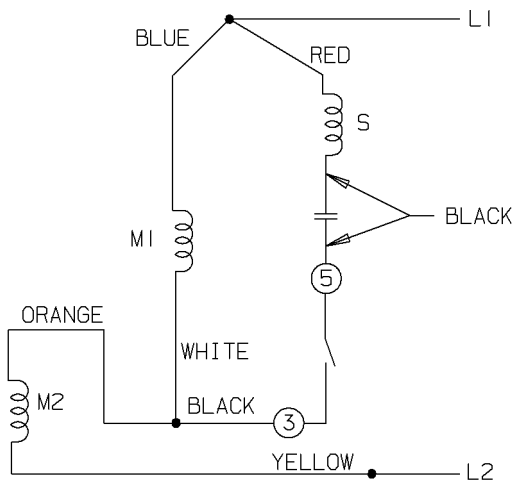
NOTES:  
 1. CONDUIT BOX CAN BE ROTATED 180°.  
 2. NAMEPLATE READ FROM CONDUIT BOX SIDE OF MOTOR.

				TOLERANCES UNLESS SPECIFIED			DRAWN DA 01-15-1993			
				DEC.	INCHES		CHK ML 01-18-1993			
				.X	±.1		APPD GK 01-18-1999			
				.XX	±.03		SCALE 3=8			
				.XXX	±.005		REF			
3	REDRAWN ON CADD	DA	01-21-1993	.XXXX	±.0005	TITLE	OUTLINE			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	MAT'L.	56 FR. - BB - TEFC - C'FACE - 1ø			
				RFP		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				CAD FILE 100098		SIZE	DRAWING NO.	PAGE	OF	REV.
				DIST	WP	A	100098			3

LOW VOLTAGE - C.C.W.

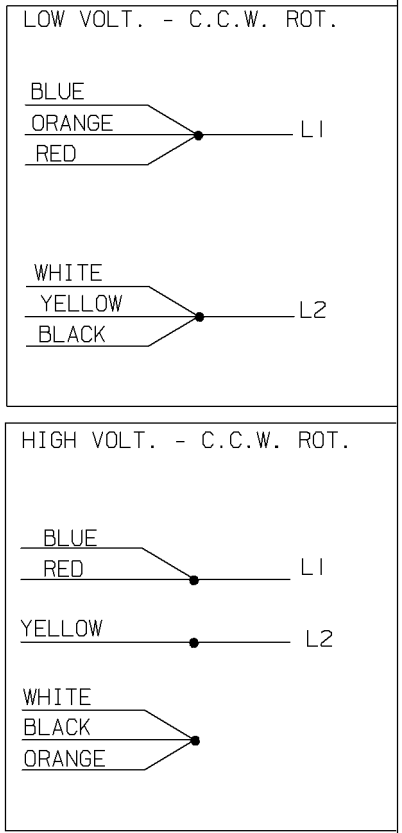
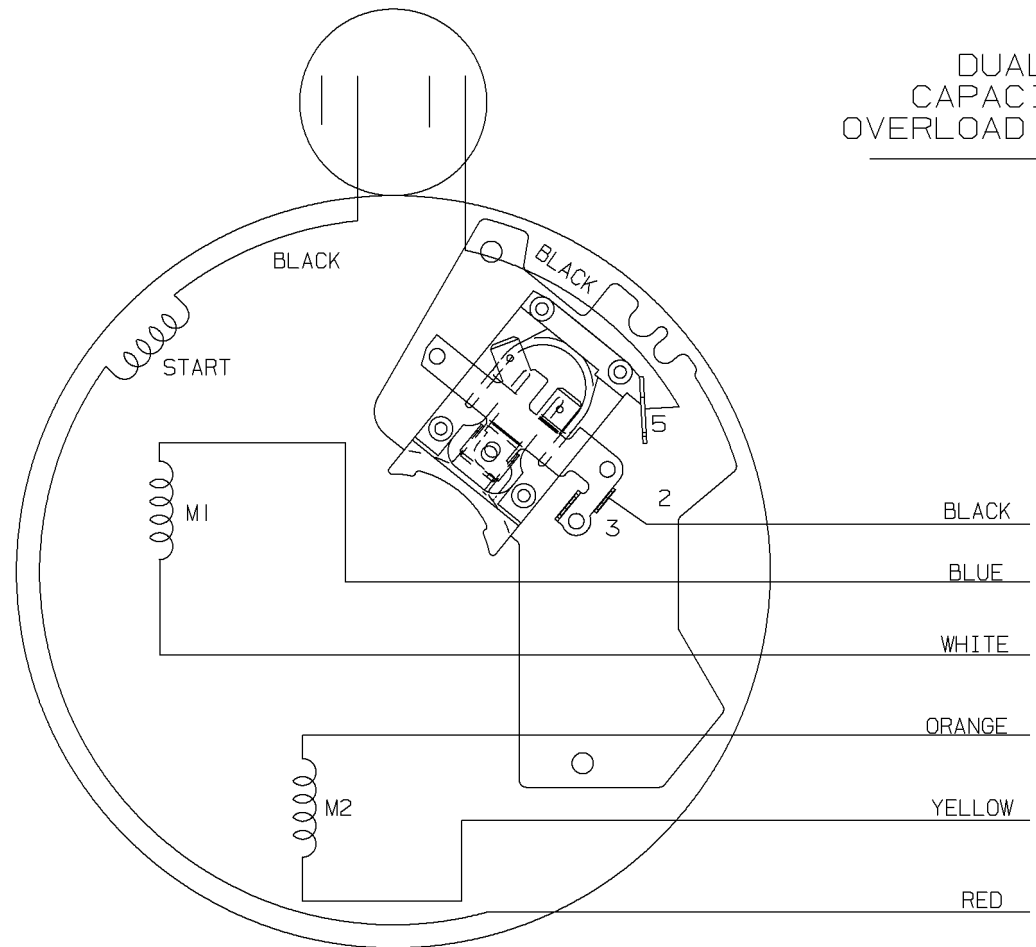


HIGH VOLTAGE - C.C.W.



A-102005-51

DUAL VOLTAGE  
CAPACITOR START NO  
OVERLOAD SELECT ROTATION



FOR C.W. ROTATION EITHER  
VOLTAGE INTERCHANGE  
RED WITH BLACK LEAD

				✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±    XXX±.005    XXXX±.0005    ANGLES±		
				MATL SPEC			DRAWN BY CAV 06-18-1999
				FINISH			CHKD BY ML 06-18-1999
5	06-17-1999	REDRAWN	CAV	REFERENCE DRW.	WAUSAU, WISCONSIN 54401		APPD BY GK 06-18-1999
REV	DATE	CHANGE	NAME	PART NAME CONNECTION DIAGRAM			DRWG NO A-102005-51

SHOP BOOK

PURCHASED

DISTRIBUTION - WA - LB - WP - LM - BR

CADD FILE NO.

102005-51

```
ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--
```

```
STACK:
```

```
/p2e  
-savelevel-
```

CERTIFICATION DATA SHEET

Model#: 56C34F5323 F WINDING#: ZC204 NONE 3  
 CONN. DIAGRAM: 102005-51 ASSEMBLY: F1 ONLY  
 OUTLINE: A-100098-706

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4	.56	3600	3450	56C	TEFC	M	N

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115/208-230	10.6/5.3-5.3	ACROSS THE LINE	CONTINUOUS	B3	1.15	40	3300

FULL LOAD EFF: 66	3/4 LOAD EFF: 62.8	1/2 LOAD EFF: 55.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 71.9	3/4 LOAD PF: 62.8	1/2 LOAD PF: 53.5	0	CAP START IND RUN	7.3 / 3.7

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
18 LB-FT	69.4 / 34.7	59.6 LB-FT 331	54.1 LB-FT 301	65

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	ROUND	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	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

\*  
N  
O  
T  
E  
S  
\*

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

DATE: 06/27/2017 07:52:06 AM  
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