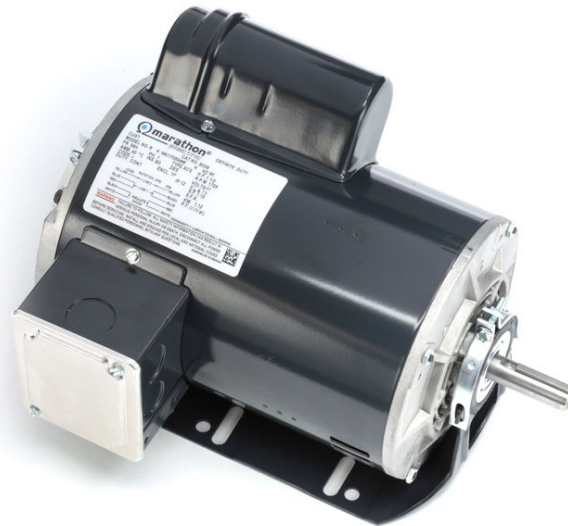


PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 056C17D5349
Catalog No: B338
1 1/2, 1800, DP, 56H, 1/60/SPL
Fan and Blower



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REGAL[®]

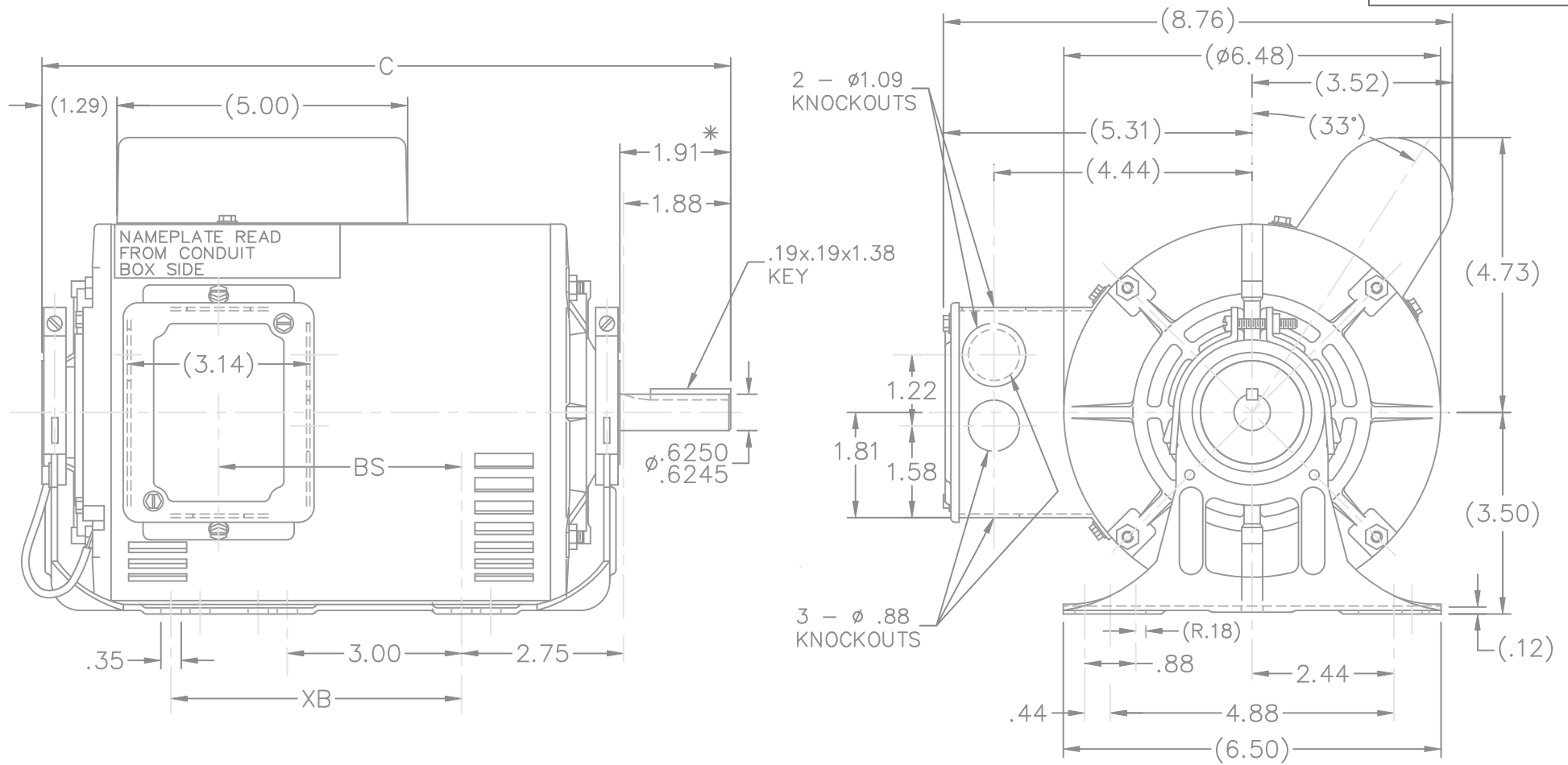
Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	277 V
Current	7.5 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	77 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	J	Frame	56H
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	No
CSA	N	CE	N
IP Code	12		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Resilient Base - Extended Studs	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	12.85 in	Frame Length	8.56 in
Shaft Diameter	0.625 in	Shaft Extension	1.91 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	A-100919-856	Connection Diagram	102005-57

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* DIMENSION IS FROM RESILIENT RING END CAP TO END OF SHAFT

NOTE:
1. MOTOR MUST BE ROTATED TO .75" STRIP SOCKET CLEARANCE FOR GROUND SCREW, MAXIMUM (10 DEGREES).

DASH	FRAME	C	XB	BS	DASH	FRAME	C	XB	BS
					856	56-85	12.85	5.00	5.18
706	56-70	11.35	0	3.68					
756	"-75	11.85	5.00	4.18					

				TOLERANCES UNLESS SPECIFIED		DRAWN LZ 07-21-1994					
				DEC.	INCHES	CHK ML 07-22-1994					
4	UPPDATED DRAWING			RJW	03-28-2007	.X	$\pm .1$				
3	REDRAWN IN AUTOCAD			TAT	09-01-2004	ML	.XX $\pm .03$				
2	ADDED NOTE			CN	24378	PGK	06-11-1997				
1	NEW DRAWING			4181687	LZ	07-27-1994	.XXXX $\pm .0005$				
NO.	REVISION			BY & DATE		CHK	ANG	$\pm 7'30''$			
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 100919		SIZE A	DRAWING NO. 100919	PAGE OF	REV. 4
				DIST	WP						

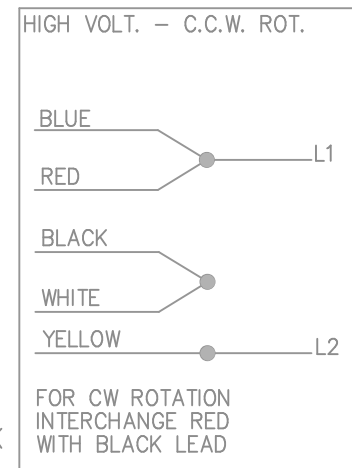
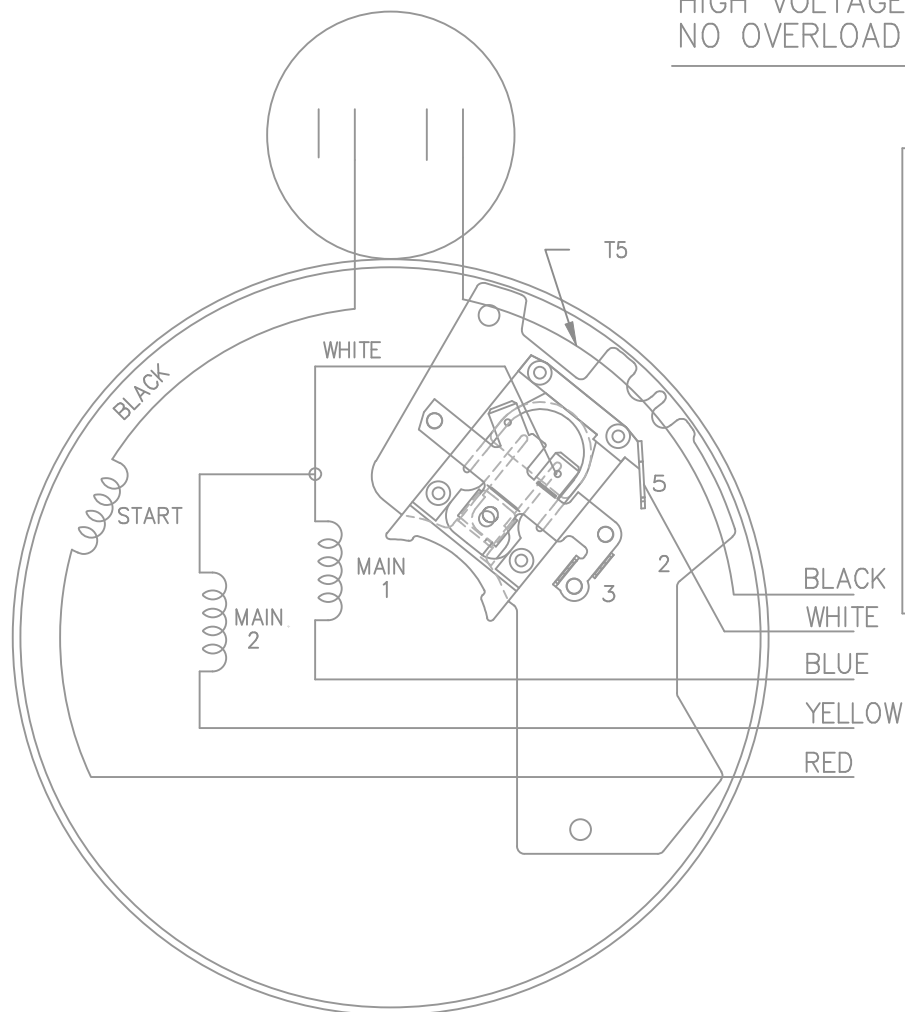
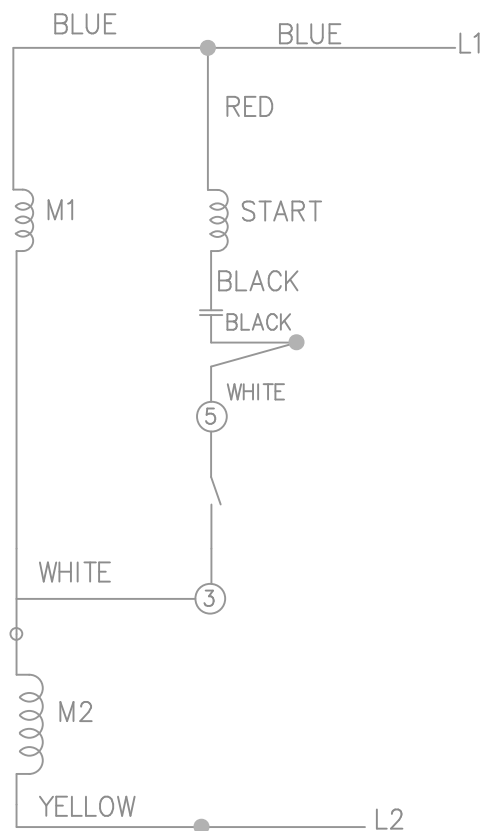


TITLE OUTLINE
56 FR. - BB - DR.PR. - RESIL. BASE

MAT'L.
FINISH

HIGH VOLTAGE - C.C.W.

HIGH VOLTAGE CAPACITOR START
NO OVERLOAD SELECT ROTATION



				TOLERANCES UNLESS SPECIFIED			DRAWN PGK 06-26-1996					
				DEC.	INCHES		CHK MRB 07-12-1996					
				.X	±.1		APPD GK 07-12-1996					
				.XX	±.02		SCALE 5=8					
				.XXX	±.005		REF					
2	REDRAWN ON CADD, NO CHANGE	PGK 07-12-1996		.XXXX	±.0005	MAT'L.						
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH						
				RFP		CAD FILE 102005-57		SIZE	DRAWING NO.	PAGE	OF	REV.
				DIST	WP			A	102005-57			2

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CERTIFICATION DATA SHEET

Model#: 56C17D5349 E WINDING#: ZC408 NONE 6
 CONN. DIAGRAM: 102005-57 ASSEMBLY: F1 ONLY
 OUTLINE: A-100919-856

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1 1/2	1.12	1800	1725	56H	DP	J	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	277	7.5	ACROSS THE LINE	CONTINUOUS	B3	1.15	40	3300

FULL LOAD EFF: 77.0	3/4 LOAD EFF: 73	1/2 LOAD EFF: 68.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
			0	CAP START IND RUN	4.5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
4.5 LB-FT	41.5	13.6 LB-FT 302	11.1 LB-FT 246	60

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	- SEC.	-	0 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RESILIENT BASE- EXTENDED STUDS	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	T	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
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T
E
S
*

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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