

PRODUCT INFORMATION PACKET

Model No: 056S17D2048

Catalog No: B202

0.33 HP Fan and Blower HVAC/R Motor, 1 phase, 1800 RPM, 115 V, 56Z Frame, ODP
Other Fan and Blower Motors



Nameplate Specifications

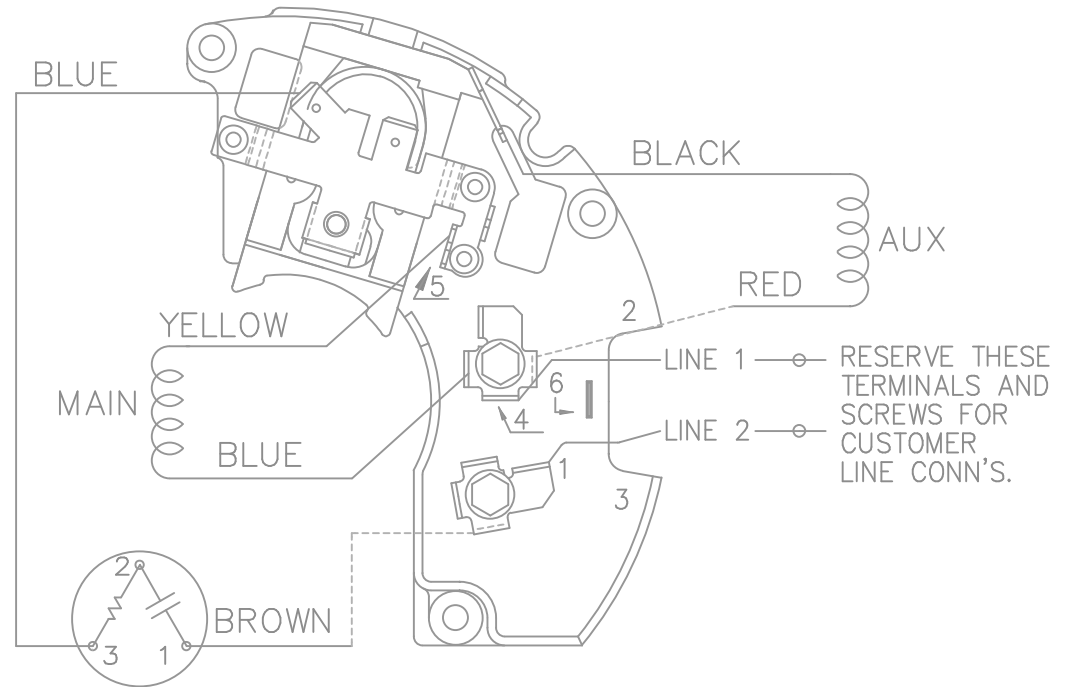
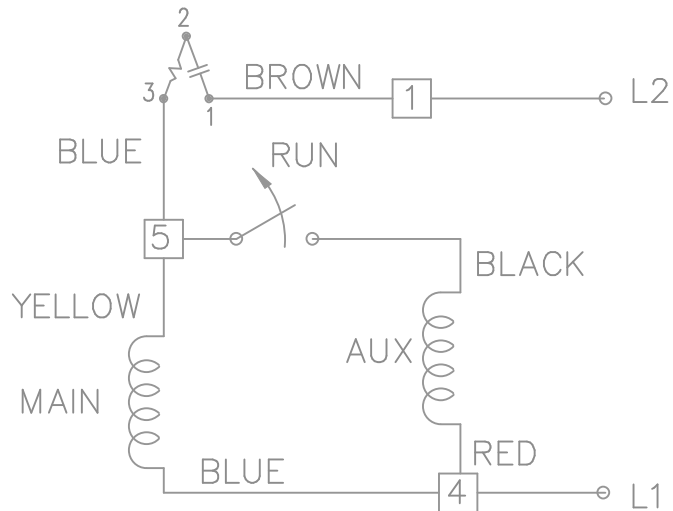
Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115 V
Current	6.1 A	Speed	1725 rpm
Service Factor	1.35	Phase	1
Efficiency	62 %	Power Factor	61.5
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	M
Frame	56Z	Enclosure	Drip Proof
Thermal Protection	Automatic	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	22

Technical Specifications

Electrical Type	Split Phase	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Resilient Base - Extended Studs
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	9.72 in
Frame Length	5.75 in	Shaft Diameter	0.625 in
Shaft Extension	1.97 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	A-SS403781- 575	Connection Drawing	A-EE7195

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SINGLE VOLTAGE – SPLIT PHASE
REVERSIBLE ON TERM BOARD
WITH OVERLOAD PROTECTION




VIEWING TERMINAL END

C.C.W. ROTATION SHOWN.

FOR C.W. ROTATION INTERCHANGE
YELLOW & BLUE LEADS ON TERM 5 & 4.

DASH LINES INDICATE LEADS CONNECTED
TO MOTOR SIDE OF SWITCH.

				TOLERANCES UNLESS SPECIFIED			DRAWN ML 01-27-1998		
				DEC.	INCHES		CHK	GK 02-05-1988	
5	REDRAWN ON AUTOCAD	RWR 06-15-2004	ML	.X	± -		APPD	DRN 03-11-1988	
4	REVERSED L1 AND L2 CN19709	AJS 01-16-1995	GK	.XX	± -	TITLE CONNECTION DIAGRAM	SCALE	1=1	
3	REVISED LINE 2 LOCATION CN6427	RM 01-28-1991	GK	.XXX	± -	48 FR. SINGLE VOLTAGE REVERSIBLE	REF		
2	ADDED CUSTOMER CONNECTION NOTE CN6011	BW 08-03-1989	GK	.XXXX	± -	MAT'L.	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	± -	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 ee7195		SIZE	DRAWING NO. PAGE 1 OF 1	REV.
				DIST	LB		A	EE7195	5

CERTIFICATION DATA SHEET

Model#: 56S17D2048 M WINDING#: SE484121 NONE 1
 CONN. DIAGRAM: A-EE7195 ASSEMBLY: F1 ONLY
 OUTLINE: A-SS403781- 575

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/3	0.25	1800	1725	56Z	DP	M	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115	6.1	ACROSS THE LINE	CONTINUOUS	B3	1.35	40	3300

FULL LOAD EFF: 62	3/4 LOAD EFF: 55	1/2 LOAD EFF: 48	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 61.5	3/4 LOAD PF: 55.5	1/2 LOAD PF: 46	0	SPLIT PHASE	4.6

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
16.3 LB-FT	31	22.9 LB-FT 0	36.9 LB-FT 0	66

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	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	BEACON 325	SGL SPL EXT	0.625 x 1.88 WITH 1.62 FULL FLAT	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	AUTOMATIC	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

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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

** Subject to change without notice.



MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

115 Volts
60 HZ
0.33 HP

HP 0.33

PHASE 1

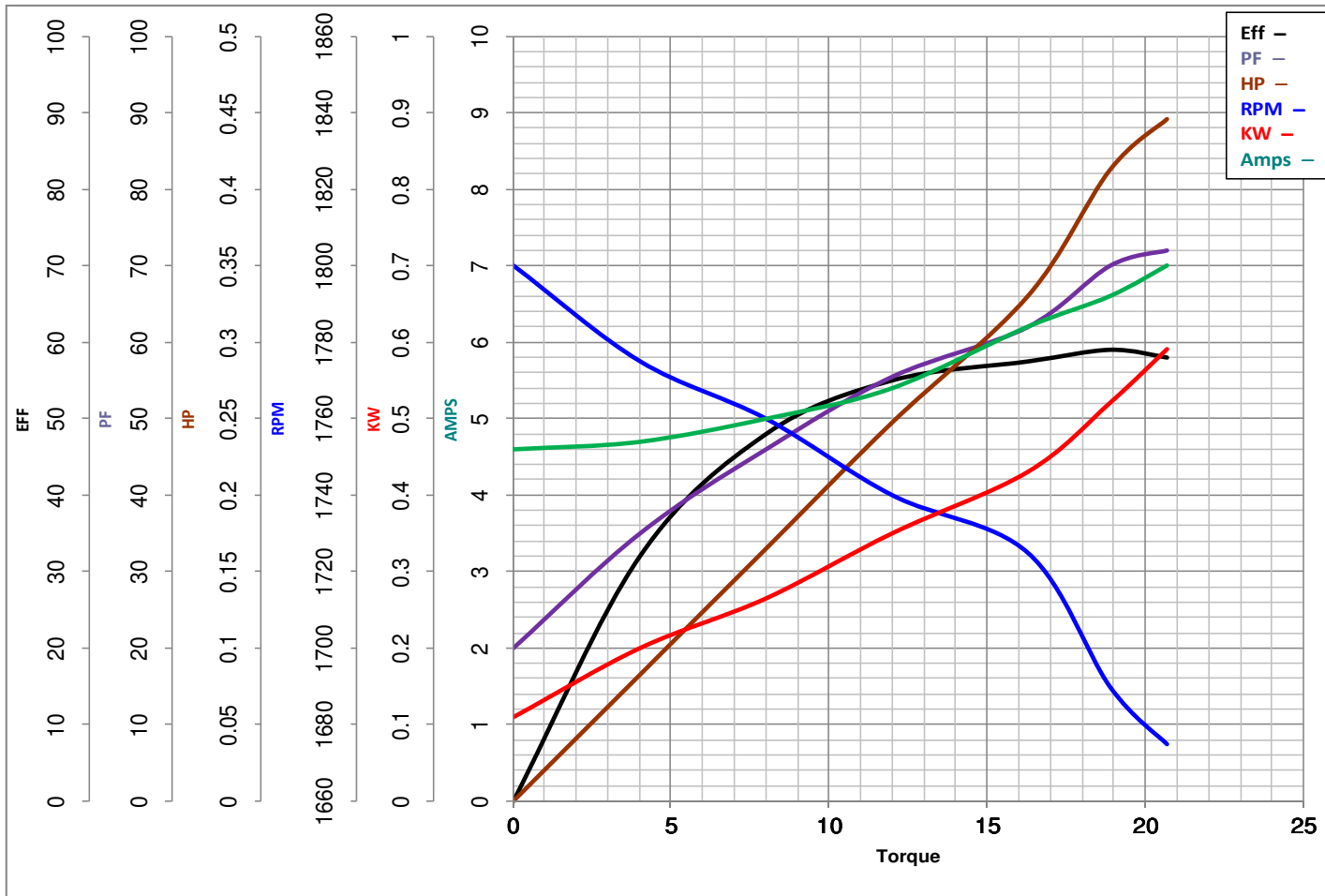
Model No 56S17D2048

VOLTS 115

Catalog No B202

HZ 60

RPM 1725



Torque in Oz.Ft

FL TORQUE 16.3 Oz.Ft
BD TORQUE 36.9 Oz.Ft
LR TORQUE 22.9 Oz.Ft

FL AMPS 6.1
PU TORQUE 34.9 Oz.Ft
LR AMPS 31

WINDING SE484121-1

Date 1/25/2019