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Find the *Marathon Electric F0M56T1-7E5311D-P* at our website: *Click HERE*

PRODUCT INFORMATION PACKET

Model No: 056T17E5311
Catalog No: G828
1/3,1800,EPNV,56C,3/60/208-230/460
Explosion Proof



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Nameplate Specifications

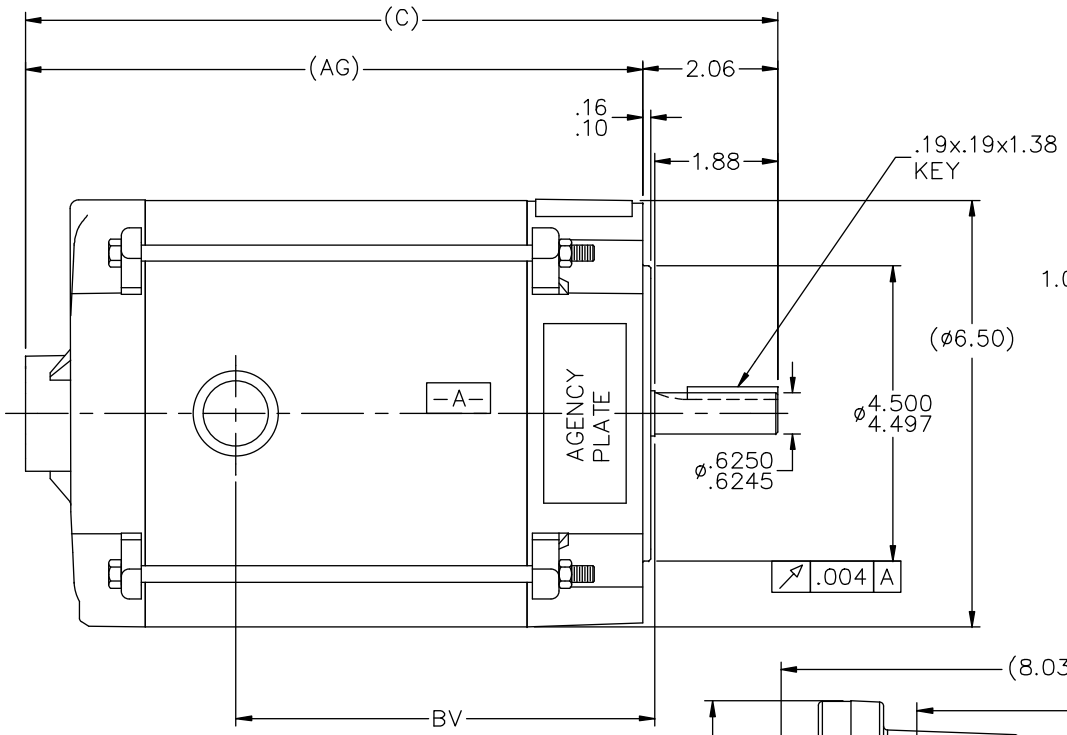
Output HP	**0.33 Hp**	Output KW	**0.25 kW**
Frequency	**60 Hz**	Voltage	**208-230/460 V**
Current	**1.2-1.2/0.60 A**	Speed	**1725 rpm**
Service Factor	**1**	Phase	**3**
Efficiency	**74.5 %**	Duty	**Continous**
Insulation Class	**B**	Design Code	**B**
KVA Code	**K**	Frame	**56C**
Enclosure	**Explosion Proof Non Ventilated**	Overload Protector	**Automatic**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6203**
Opp Drive End Bearing Size	**6203**	UL	**Recognized**
CSA	**N**	CE	**N**
IP Code	**54**		

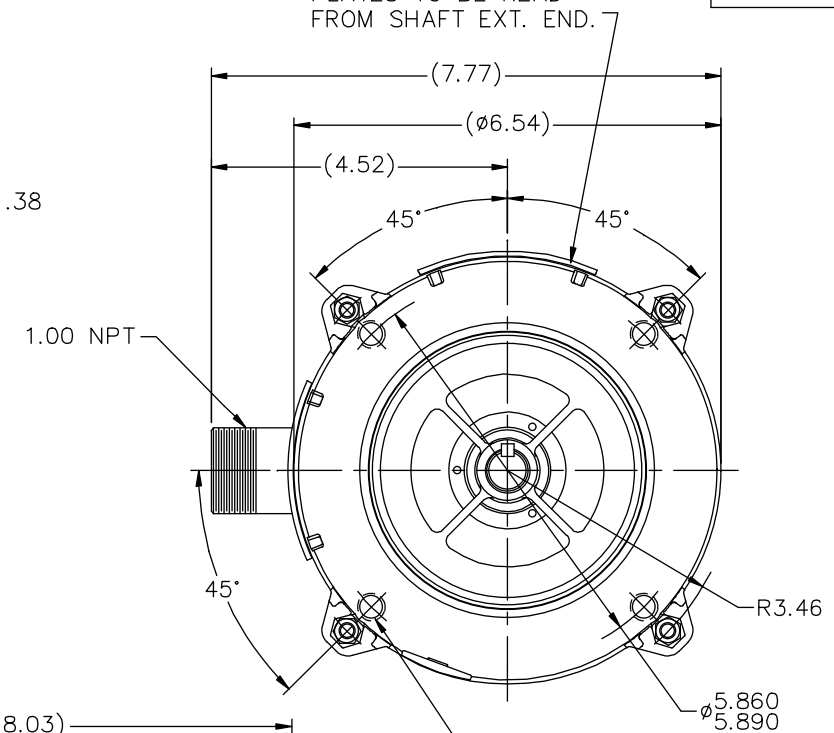
Technical Specifications

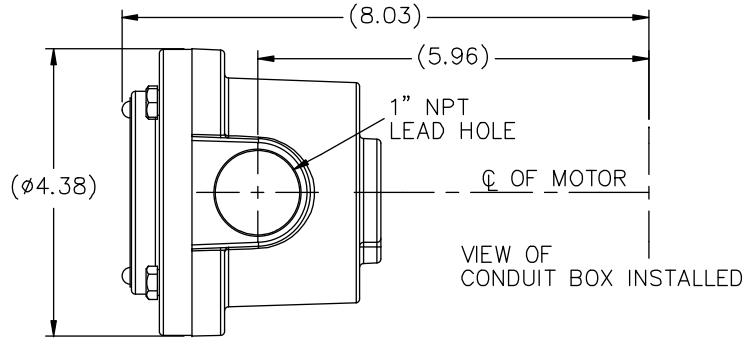
Electrical Type	**Squirrel Cage Induction Run**	Starting Method	**Across The Line**
Poles	**4**	Rotation	**Reversible**
Mounting	**Round**	Motor Orientation	**Horizontal**
Drive End Bearing	**Ball**	Opp Drive End Bearing	**Ball**
Frame Material	**Rolled Steel**	Shaft Type	**T**
Overall Length	**11.97 in**	Frame Length	**6.31 in**
Shaft Diameter	**0.625 in**	Shaft Extension	**2.06 in**
Assembly/Box Mounting	**F1 Only**		
Outline Drawing	**B-104197-631**	Connection Diagram	**A-EE7335**

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104197







DASH	(C)	(AG)	BV		
631	11.97	9.91	6.90		
681	12.47	10.41	7.40		
731	12.97	10.91	7.90		
781	13.47	11.41	8.40		
831	13.97	11.91	8.90		
881	14.47	12.41	9.40		
931	14.97	12.91	9.90		
981	15.47	13.41	10.40		

NO.	REVISION	BY & DATE	CHK
7	CONDUIT BOX INSTALLED VIEW UPDATED	UD 10/08/13	ST
6	REVISED C'BOX PER CN40784A	JJB 02/23/2007	ML
5	ADDED DIMENSION ø5.860/5.890	RJW 06-29-2005	ML
4	REDRAWN IN AUTOCAD	TAT 06-28-2004	ML
3	ADDED CONDUIT BOX VIEW CN 26686	MRB 03-22-1999	
2	REMOVED "FLAT" FROM SHAFT EXT. CN 25600-292	MRB 07-21-1998	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

MARATHON ELECTRIC

DRAWN MH 12-10-1996
CHK ML 01-13-1997
APPD GK 01-13-1997
SCALE 17=32
REF
FMF
PREV

TITLE OUTLINE - 'C' FACE
56 FR. - EXP. PR.
MAT'L.
FINISH
CAD FILE 104197
RFP
DIST WP

SIZE B | DRAWING NO. 104197 | PAGE OF | REV. 7

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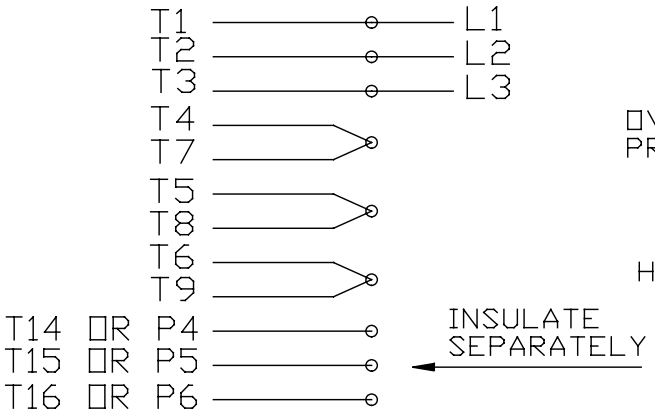
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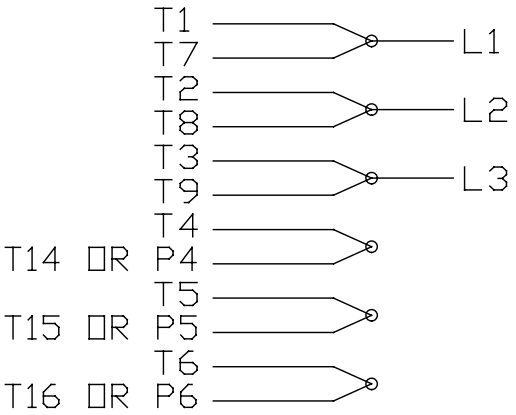
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EE7335

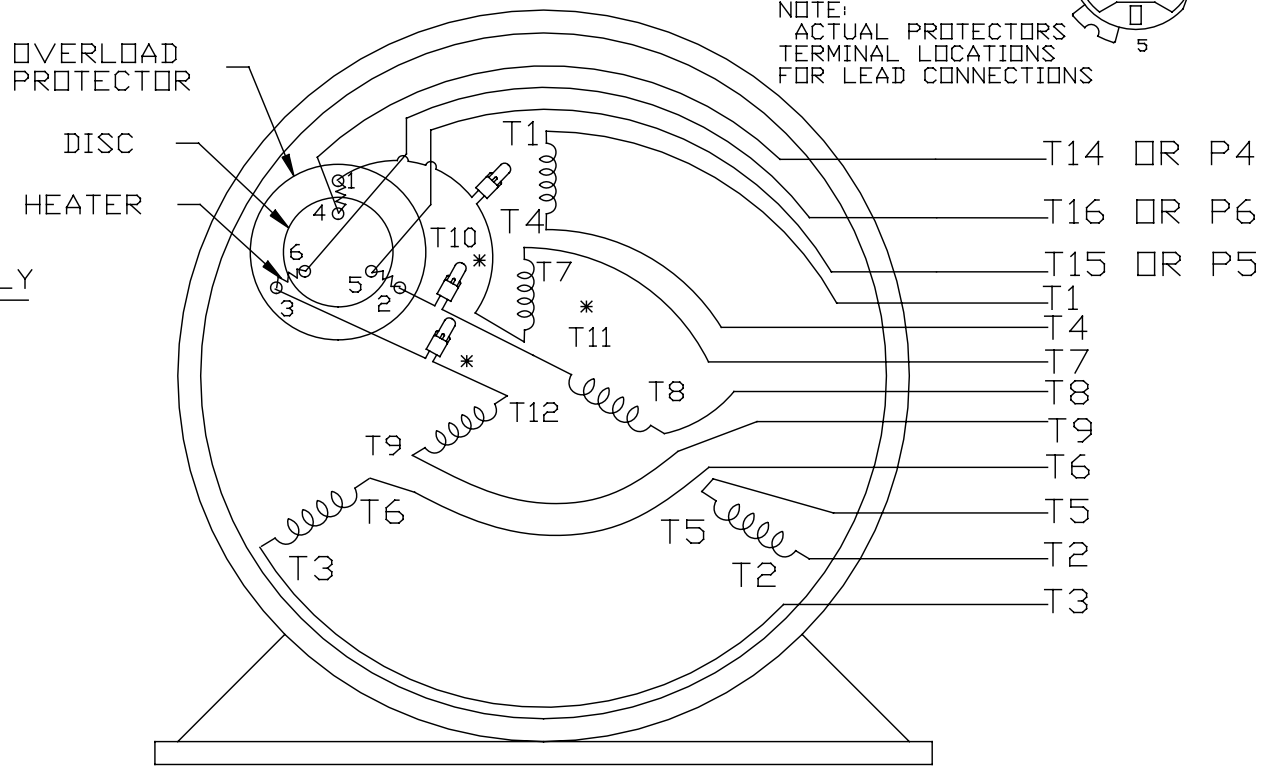
HIGH VOLTAGE CONNECTIONS



LOW VOLTAGE CONNECTIONS



THREE PHASE - DUAL VOLTAGE MOTOR WITH OVERLOAD PROTECTOR



VIEW OF TERMINAL END

T2K
T4D
T6AN

* USE PRESSURE CONNECTORS FOR MT2 PLANT ONLY

NO.	REVISION	BY & DATE	CHK
17	CHANGED LOGO FROM MARATHON TO REGAL	KIR 02/16/16	AB
16	PRESSURE CONNECTORS QUANTITY WAS 6	PVR 10/29/13	GR
15	PRESSURE CONNECTORS ADDED	GR 03/04/13	SR
14	ADDED ACTUAL PROCECTOR VIEW CN 17481	KL 05/18/94	
13	REDRAWN IN AUTO CAD	KL 08/11/93	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.01
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

REGAL™ Regal Beloit America, Inc.

TITLE: CONNECTION DIAGRAM
3Ø-DUAL VOLT WITH OVERLOAD PROTECTOR

MAT'L.
FINISH
RFP
DIST
CAD FILE EE7335

DRAWN	KL 08-09-1993
CHK	ML 08/10/1993
APPD	GK 08/10/1993
SCALE	1=1
REF	
FMF	
PREV	

SIZE A | DRAWING NO. EE7335 | REV. 17

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CERTIFICATION DATA SHEET

Model#:	56T17E5311 D	**WINDING#:**	ZT493 TR 3
CONN. DIAGRAM:	A-EE7335	**ASSEMBLY:**	F1 ONLY
OUTLINE:	B-104197-631		

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/3	0.25	1800	1725	56C	EPNV	J	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	208-230/460	1.2-1.2/.6	ACROSS THE LINE	CONTINUOUS	B3	1.0	40	3300

FULL LOAD EFF: 74.5	3/4 LOAD EFF: 72.5	1/2 LOAD EFF: 67.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 71	3/4 LOAD PF: 64	1/2 LOAD PF: 52	71.5	SQ CAGE IND RUN	.8 / .4

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
1 LB-FT	7.2 / 3.6	3.1 LB-FT 310	3.7 LB-FT 370	40

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	0.038 LB-FT^2	2 LB-FT^2	15 SEC.	2	21 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	FALSE	EXP PROOF CL I GR C&D CL II GR F&G T3B	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	AUTOMATIC	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

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

* NOTES *

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FORM 3531 REV.3 02/07/99
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