

# PRODUCT INFORMATION PACKET

Model No: 056T17D5347  
Catalog No: G142  
1,1725,DP,56,3/60/208-230/460  
Fan and Blower



Regal and Marathon are trademarks of Regal Beloit Corporation or one of its affiliated companies.  
©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E



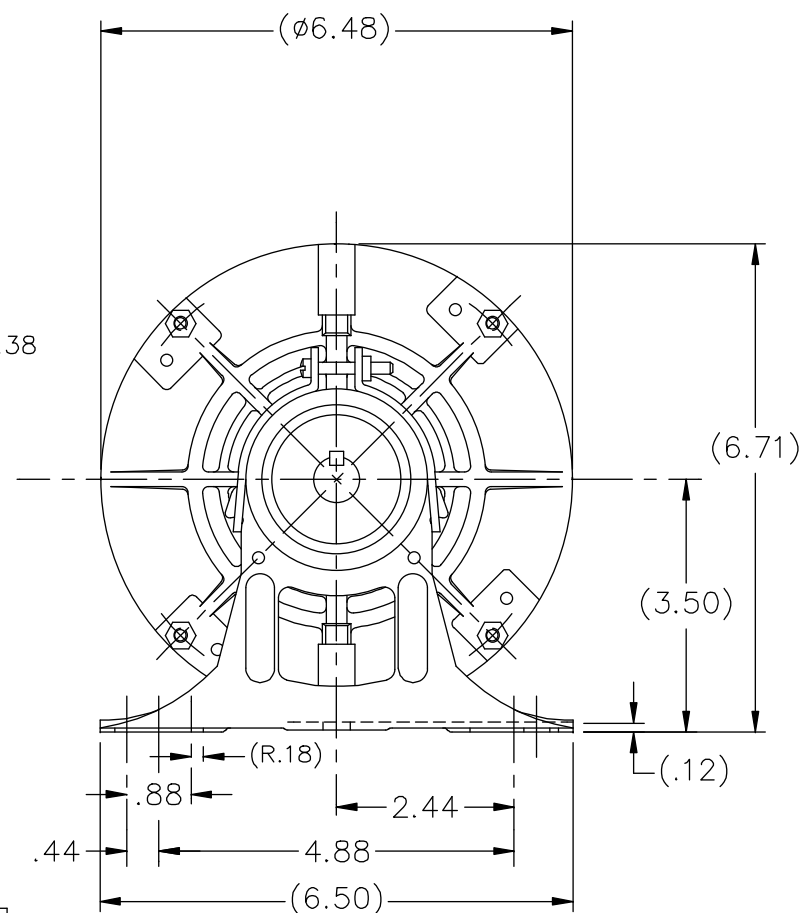
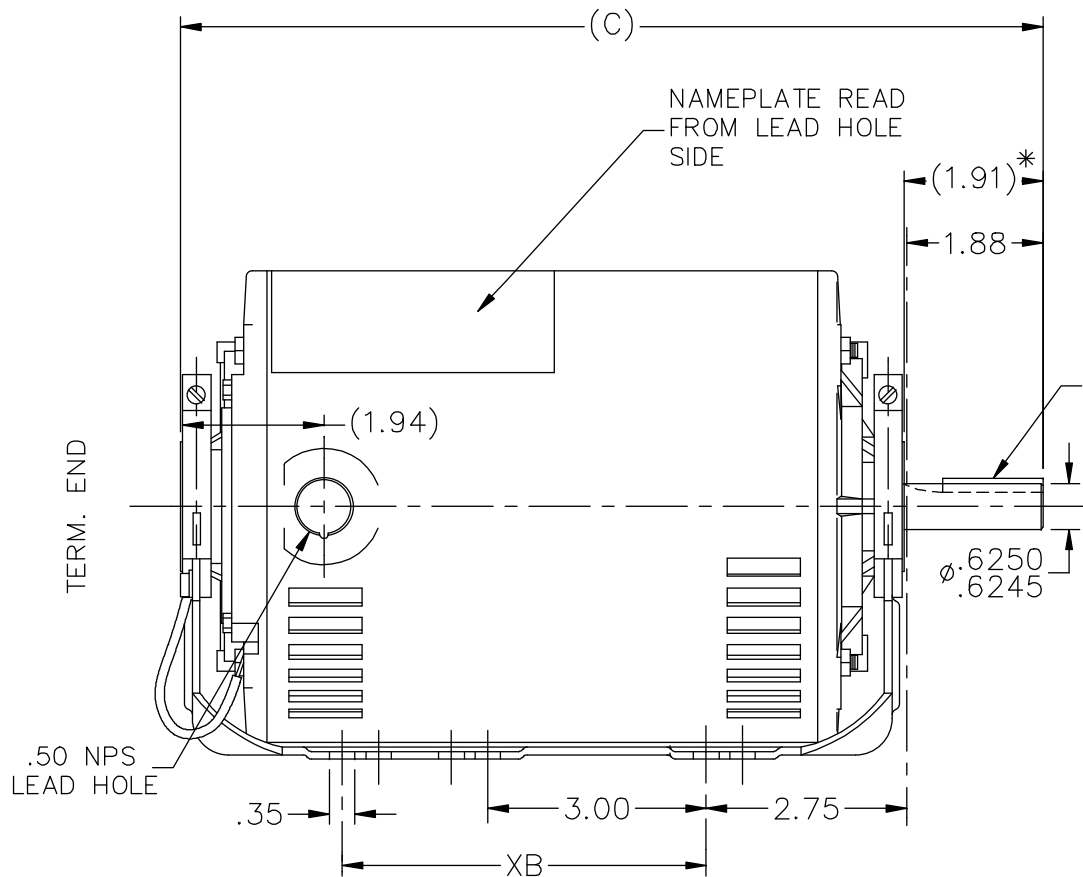
### Nameplate Specifications

Output HP	<b>1 Hp</b>	Output KW	<b>0.75 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>3.4-3.6/1.8 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>77 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>B</b>
KVA Code	<b>L</b>	Frame	<b>56</b>
Enclosure	<b>Drip Proof</b>	Overload Protector	<b>Automatic</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>22</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Mounting	<b>Resilient 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>T</b>
Overall Length	<b>11.35 in</b>	Frame Length	<b>7.06 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>1.91 in</b>
Assembly/Box Mounting	<b>F1 Only</b>		
Outline Drawing	<b>A-100128-706</b>	Connection Diagram	<b>A-102007-1</b>

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 06/29/2018



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

DASH	FR.	C	XB		DASH	FR.	C	XB	
606	56-60	10.35	0		806	56-80	12.35	5.00	
656	"-65	10.85	0		856	56-85	12.85	5.00	
706	"-70	11.35	0		906	56-90	13.35	5.00	
756	"-75	11.85	5.00		956	56-95	13.85	5.00	

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED	
					DEC.	INCHES
					.X	±.1
8	UPDATED PER ECO-0031471	UD 04/22/13	PI	.XX	±.03	
7	REDRAWN IN AUTOCAD	TAT 09-01-2004	ML	.XXX	±.005	
6	REDRAWN ON CADD AND ADDED NOTE CN 24378	PGK 06-11-1997		.XXXX	±.0005	
					±7'30"	



DRAWN	PGK 06-06-1997
CHK	ML 06-11-1997
APPD	GK 06-11-1997
SCALE	3=8
REF	
FMF	
PREV	

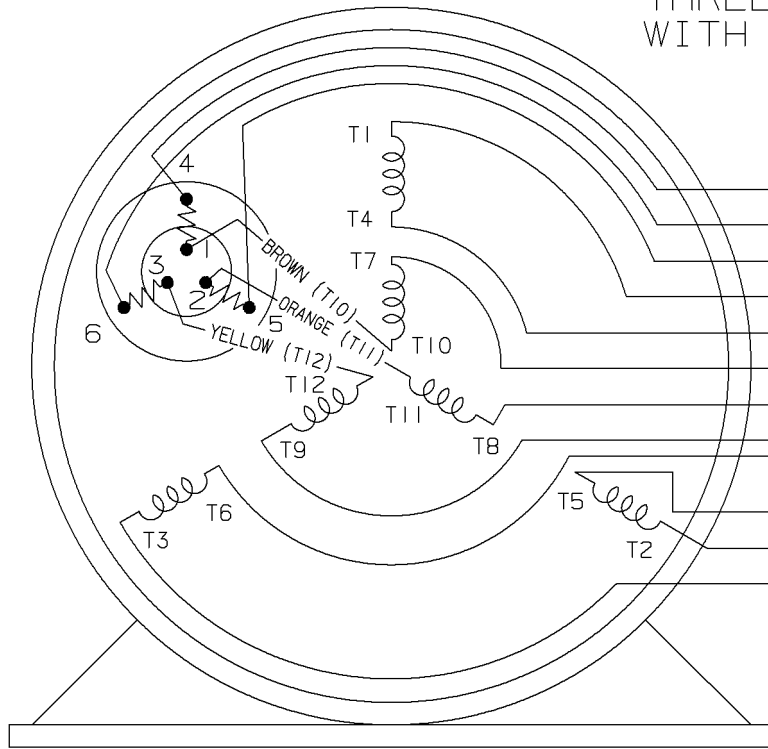
TITLE OUTLINE  
56 FR. - DR.PR. - 3φ - RESIL. MT.  
MAT'L.  
FINISH

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  
DIST WP  
CAD FILE 100128

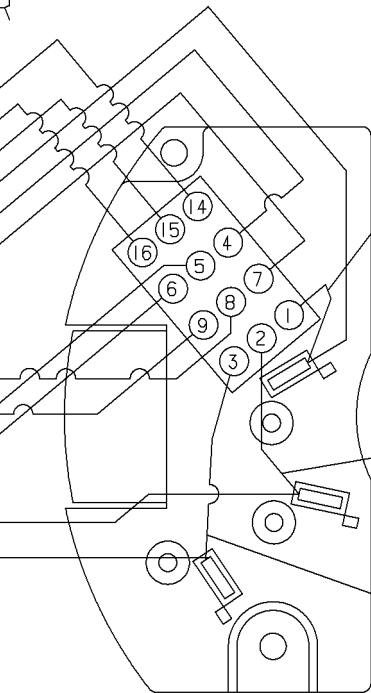
SIZE	DRAWING NO.	PAGE	OF	REV.
A	100128			8

### THREE PHASE-DUAL VOLTAGE WITH THERMAL PROTECTOR



VIEW OF TERMINAL END

- (T14) BROWN
- (T16) YELLOW
- (T15) ORANGE
- (T1) RED
- T4
- T7
- T8
- T9
- T6
- T5
- (T2) BLUE
- (T3) BLACK

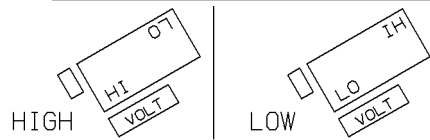


VIEWING BOTTOM OF TERMINAL BOARD

RED  
 NUMBERS SHOWN ON TERM BOARD ARE FOR REF. ONLY.  
 (NUMBERS DO NOT APPEAR ON PARTS.)

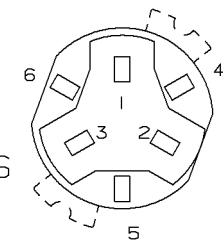
BLUE  
 BLACK

TO CHANGE VOLTAGE, PULL PLUG, ROTATE 180° AND REINSERT



CONNECT LINES TO L1, L2 & L3

NOTE:  
 ACTUAL PROTECTORS TERMINAL LOCATIONS FOR LEAD CONNECTIONS



4	06-26-1995	1,2,3 WERE SWITCHED WITH 4,5,6 ON THE TERMINAL CN 20644	BR	✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.02 XXX±.005 XXXX±.0005 ANGLES± 7'30"			
3	05-18-1994	ADDED ACTUAL PROTECTOR VIEW CN 17481	KL	MATL SPEC				DRAWN BY RM 07-20-1993
2	07-20-1993	REDRAWN ON CADD, ORIGINAL LOST. REV. VCD TO COLORED LEADS CNI3741	RM	FINISH				CHKD BY ET 07-20-1993
REV	DATE	CHANGE	NAME	REFERENCE DRW.	WAUSAU, WISCONSIN 54401			
				PART NAME CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR	DRWG NO A- 102007-1			

SHOP BOOK

PURCHASED

DISTRIBUTION - WA - LB - WP - LM - BR

CADD FILE NO.

102007-1

**CERTIFICATION DATA SHEET**

Model#: 56T17D5347 B WINDING#: ZT406 DR 3  
 CONN. DIAGRAM: A-102007-1 ASSEMBLY: F1 ONLY  
 OUTLINE: A-100128-706

**TYPICAL MOTOR PERFORMANCE DATA**

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1 3/4	.75&.56	1800	1725&1425	56	DP	L	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	208- 230/460#190/ 380-415	3.4- 3.6/1.8&3.4/1. 7-1.8	ACROSS THE LINE	CONTINUOU S	B3	1.15/1.15	40	3300

FULL LOAD EFF: 77&74	3/4 LOAD EFF: 77	1/2 LOAD EFF: 72.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 68.5&56	3/4 LOAD PF: 60	1/2 LOAD PF: 43.5	74	SQ CAGE IND RUN	2.6 / 1.3

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
3 LB-FT	25 / 12.5	10 LB-FT 333	12.5 LB-FT 417	40

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
56 dBA	66 dBA	0.056 LB-FT^2	7 LB-FT^2	12 SEC.	2	28 LBS.

**\*\*\* SUPPLEMENTAL INFORMATION \*\*\***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RESILIENT BASE	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	AUTOMATIC	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: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

\*\* Subject to change without notice.