

PRODUCT INFORMATION PACKET



Model No: A6T11OZ3A

Catalog No: 116772.00

..1/2HP..1200RPM.56.DP.208-230/460V.3PH.60HZ..40C.1.15SF.RIGID.A6T11OZ3A.....CONDENSER
FAN.AUTOMATIC.....

Condenser Fans



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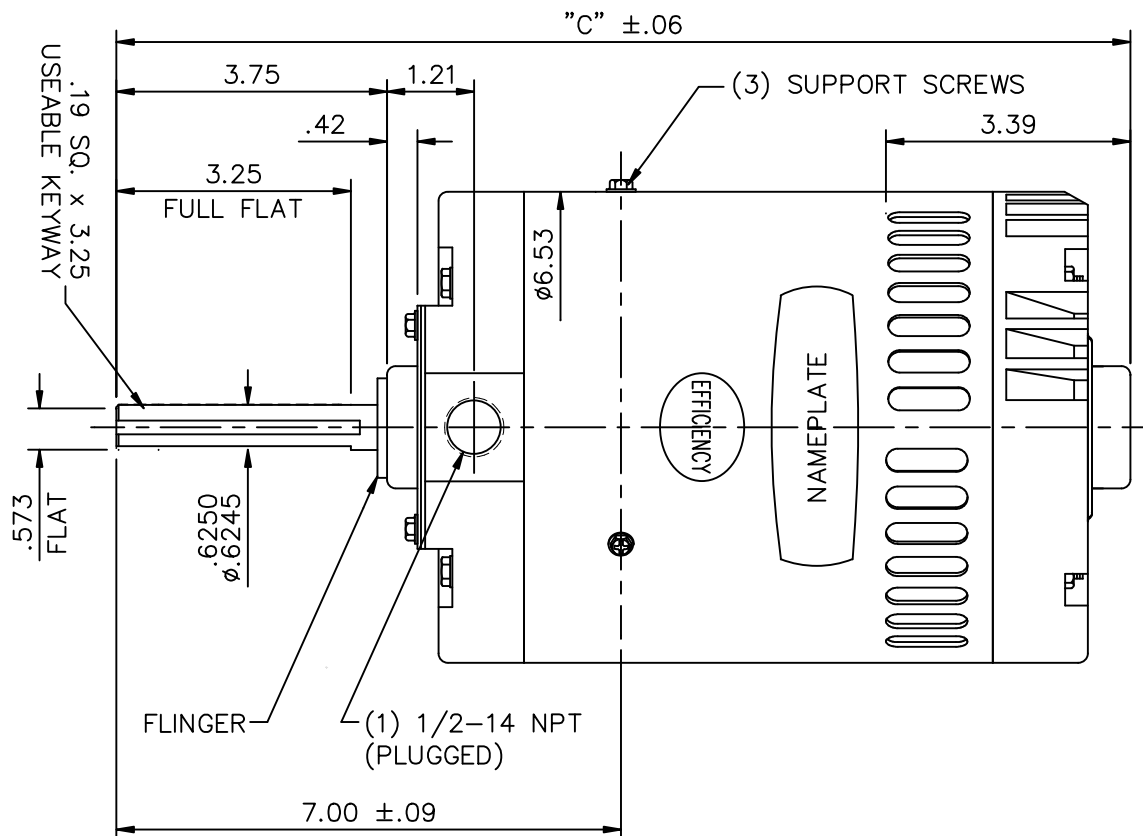
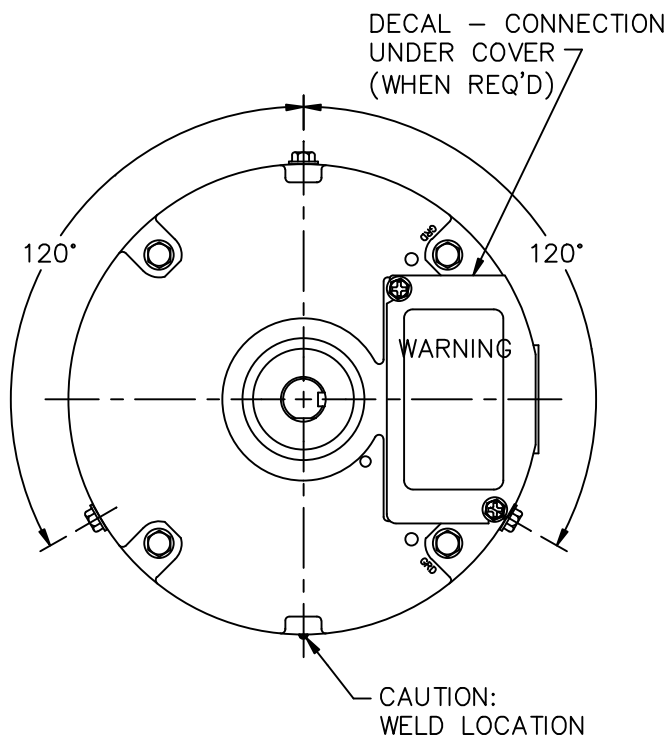


Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	3.0-2.8/1.4 A	Speed	1140 rpm
Service Factor	1.15	Phase	3
Efficiency	66.5 %	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	L	Frame	56Z
Enclosure	Drip Proof Air Over	Overload Protector	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	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Round	Motor Orientation	SHAFT UP
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	Single Special Extension
Overall Length	12.56 in	Frame Length	5.00 in
Shaft Diameter	0.625 in	Shaft Extension	3.75 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	028556-500	Connection Diagram	005020.01

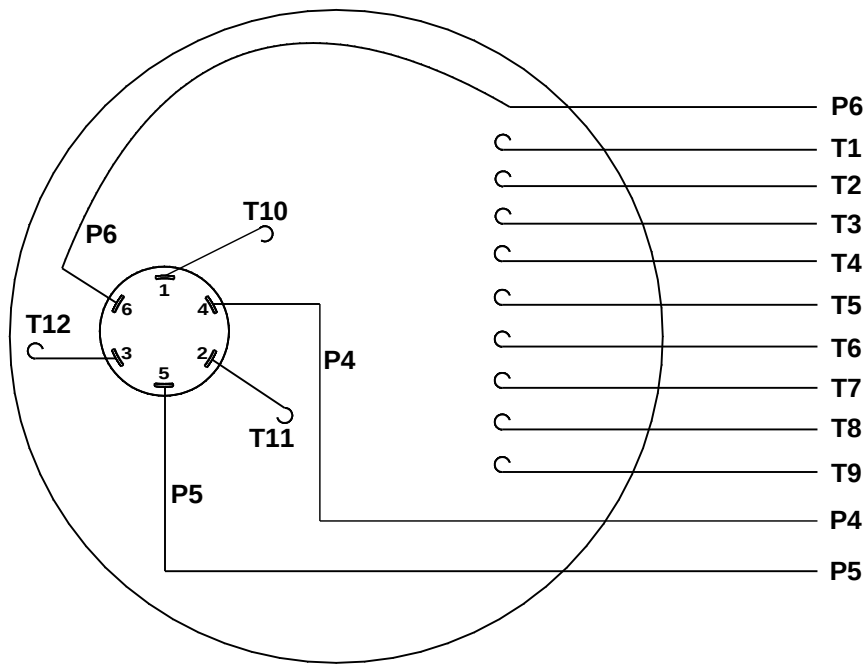


DASH NO.	"C"
500	12.56
550	13.06
600	13.56
650	14.06
700	14.56
750	15.06

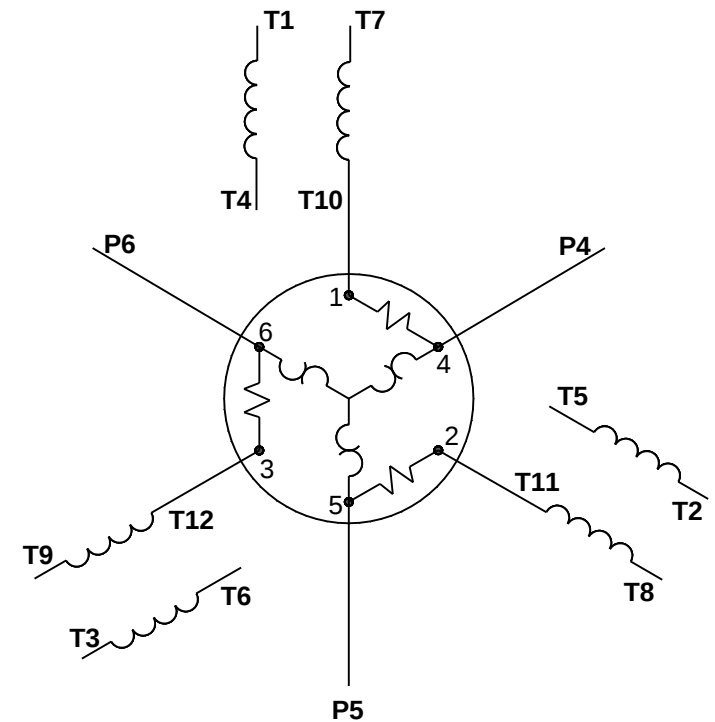
GASKETS THROUGHOUT

				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN BJB 06/20/03	
				DEC.	INCHES				CHK	
03	CHANGED SCREW VIEWS AS PER ISAAC:08-3954	VS 9/4/08		.X	±.1				APPD	
	WITH EFFECTIVE FROM 09/08/08			.XX	±.03	TITLE OUTLINE – 56 FRAME OPEN DRIP PROOF – BELLY BAND		SCALE 3=8		
02	ROTATED MOTOR TO SHOW WELD AT 6:00 ECR 92729	ARV 10/26/07		.XXX	±.005			REF		
01	ADDED "CAUTION: WELD LOCATION" NOTE PER MFG	BJB 04/19/04		.XXXX	±.0005	MAT'L. CONDENSER FAN		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	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 028556		SIZE	DRAWING NO.	REV.	
			DIST BRF-NLV				A	028556	03	

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



VOLTAGE	L1	L2	L3	JOIN	SEPARATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)	(P4), (P5), (P6)
LOW	T1,T7	T2,T8	T3,T9	(T4,P4) (T5,P5) (T6,P6)	

DRAWING REVISION D	REVISION BY SM	DATE 9/26/2016
ECO ECO-0109970	APPROVED BY SM	DATE 9/26/2016

ECO DESCRIPTION

UPDATED TO NEW TEMPLATE

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TOLERANCES UNLESS
OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP			
EDGES: .003/.015 [.076/.381] X 45°			
CORNER FILLETS: R.02 [.51]			
MACHINED SURFACES: 125/3.2			
mm SHOWN IN [BRACKETS]			

DRAWN BY
ADH 02/25/74

DATE

APPROVED BY
JCW 03/11/74

DATE

REFERENCE

THIRD ANGLE
PROJECTION

Regal Beloit America, Inc.

DESCRIPTION

CONN DIAGRAM-EXTERNAL
TYPE "T" W/PROTECTOR

MATERIAL

DECAL - 004023

PROCESS/FINISH

ECO LAB

SIZE

A

DRAWING NUMBER

00502001

SHEET

1 OF 1

Data Sheet

Date: 3/1/2018

116772



Data @ 460 V

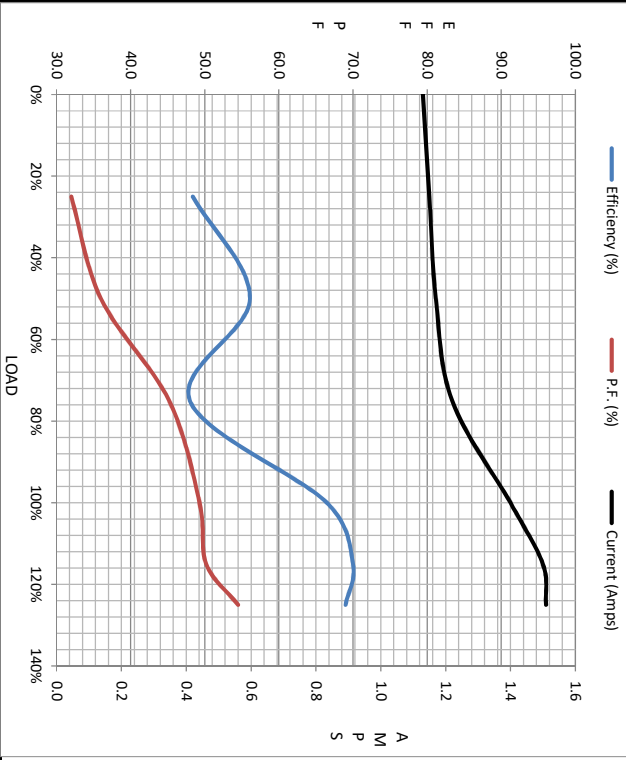
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.13	1.15	1.17	1.22	1.40	1.50	1.51	5.8
Torque (ft-lb)	0.00	212	282	318	567	653	707	1,631
RPM	1200	1183	1179	1170	1140	1,135	1130	0
Efficiency (%)		48.4	56.1	48.0	66.5	70.0	69.0	
P.F. (%)	14.7	32.0	36.0	45.2	49.3	50.2	54.5	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	600	1104	1140	1200
Current (Amps)	5.8	5.3	3.5	1.40	1.13
Torque (ft-lb)	1,631	1,568	2,008	567	0.00

Information Block	
HP	0.5
Sync. RPM	1200



Enclosure		DP	
Construction		NA	
Voltage		208-230/460	V
Frequency		60	Hz
Design		B	
LR Code letter		L	
Service Factor		1.15	
Temp Rise @ FL		0	° C
Duty		AIROVER	
Ambient		40	° C
Elevation		1,000	feet
Rotor/Shaft wk²		0.13	Lb-Ft²
Ref Wdg		T63688 DR	
Sound Pressure @ 1M		999	dBA
VFD Rating		NONE	
Outline Dwg		028556-500	
Conn. Diag		005020.01	
Additional Specifications:			
0			
0			
EQUIV CKT (OHMS / PHASE)			
R1	R2	X1	X2 Xm
0.0000	0.0000	0.0000	0.0000 0.0000

Speed - Torque Curve

