PRODUCT INFORMATION PACKET

Model No: C6T34NB19D

Catalog No: 111335.00

1HP..3450RPM.56.TENV.208-230/460V.3PH.60HZ.AIROVER.NOT.40C.1.0SF.RIGID.AG - FAN & BLOWER.C6T34NB19D

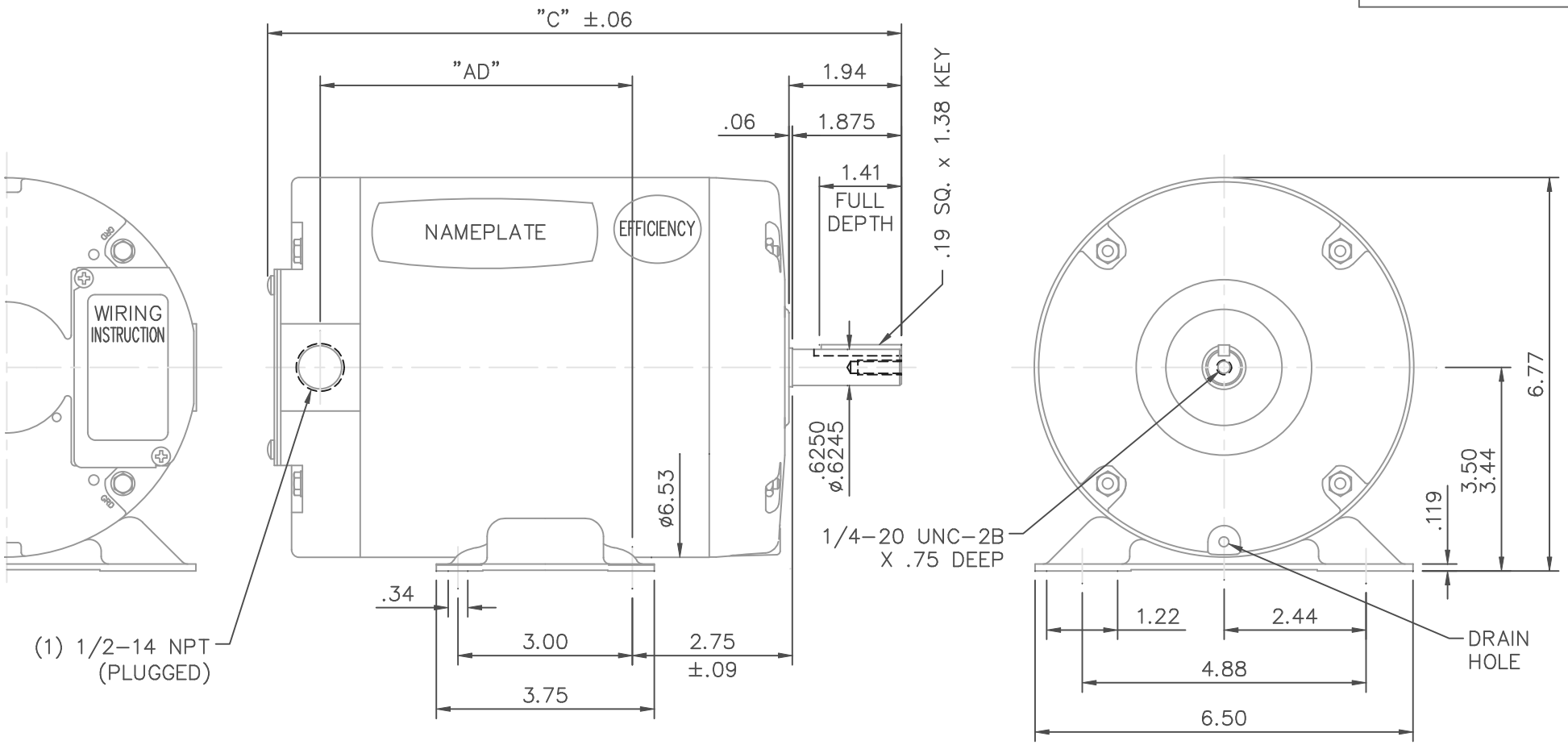
Aeration Fan

Nameplate Specifications

Output HP	**1 Hp**	Output KW	**0.75 kW**
Frequency	**60 Hz**	Voltage	**208-230/460 V**
Current	**3.4-3.2/1.6 A**	Speed	**3450 rpm**
Service Factor	**1**	Phase	**3**
Efficiency	**77 %**	Duty	**AIROVER**
Insulation Class	**B**	Design Code	**B**
KVA Code	**J**	Frame	**56Z**
Enclosure	**TENV**	Overload Protector	**NOT**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6203**
Opp Drive End Bearing Size	**6203**	UL	**Recognized**
CSA	**Y**	CE	**N**
IP Code	**43**		

Technical Specifications

Electrical Type	**SQ CAGE IND RUN**	Starting Method	**ACROSS THE LINE**
Poles	**2**	Rotation	**REV**
Mounting	**RIGID**	Motor Orientation	**HORIZONTAL**
Drive End Bearing	**BALL**	Opp Drive End Bearing	**BALL**
Frame Material	**ROLLED STEEL**	Shaft Type	**SGL SPL EXT**
Overall Length	**9.9 in**	Frame Length	**5 in**
Shaft Diameter	**0.63 in**	Shaft Extension	**1.87 in**
Assembly/Box Mounting	**F1 ONLY**		
Outline Drawing	**028555-500**	Connection Diagram	**5010.01**



DASH NO.	"C"	"AD"
500	9.90	4.37
550	10.40	4.87
600	10.90	5.37

GASKETS THROUGHOUT

NO.	REVISION	BY & DATE	CHK

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE	OUTLINE – 56 FRAME T.E.N.V. – RIGID
MAT'L.	GENERAL PURPOSE
FINISH	
CAD FILE	028555
RFP	
DIST	BRF–NLV

DRAWN	BJB 06/20/03
CHK	
APPD	
SCALE	3=8
REF	
FMF	
PREV	

SIZE	DRAWING NO.	REV.
A	028555	

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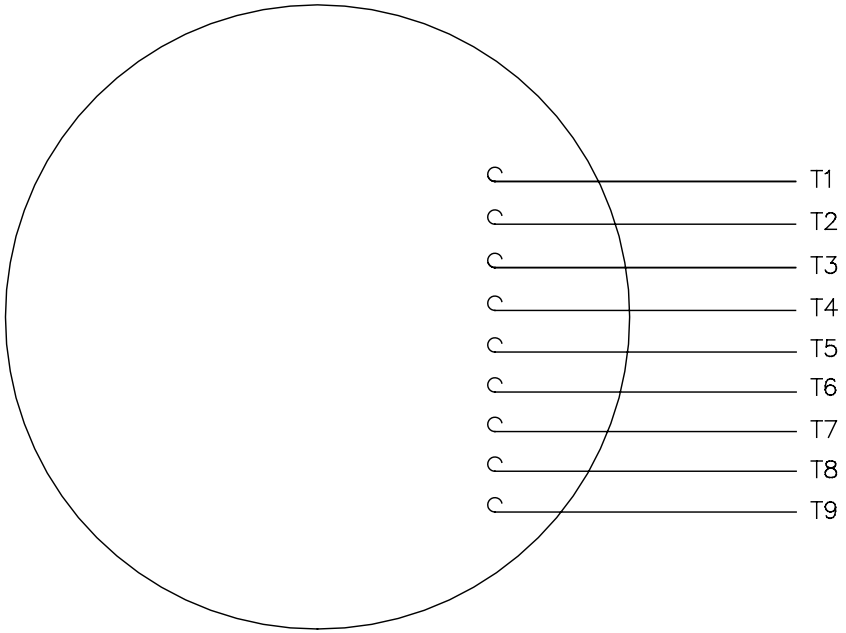
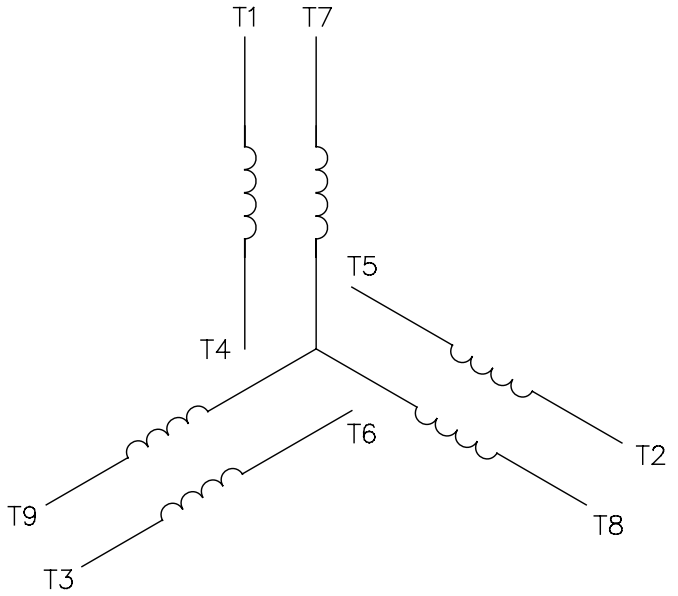
005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

NO.	REVISION	BY & DATE	CHK
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY

TOLERANCES UNLESS SPECIFIED

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

REGAL™ Regal Beloit America, Inc.

TITLE: EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR

MAT'L. DECAL – 004014

FINISH

CAD FILE 00501001

RFP 04/12/02

DIST BRF-NLV

DRAWN RDW 04/12/02 | CHK | APPD | SCALE 1=1 | REF FIG.2-51 | FMF | PREV

SIZE A | DRAWING NO. 005010-01 | REV. A

Data Sheet

Date: 1/23/2018

111335.00

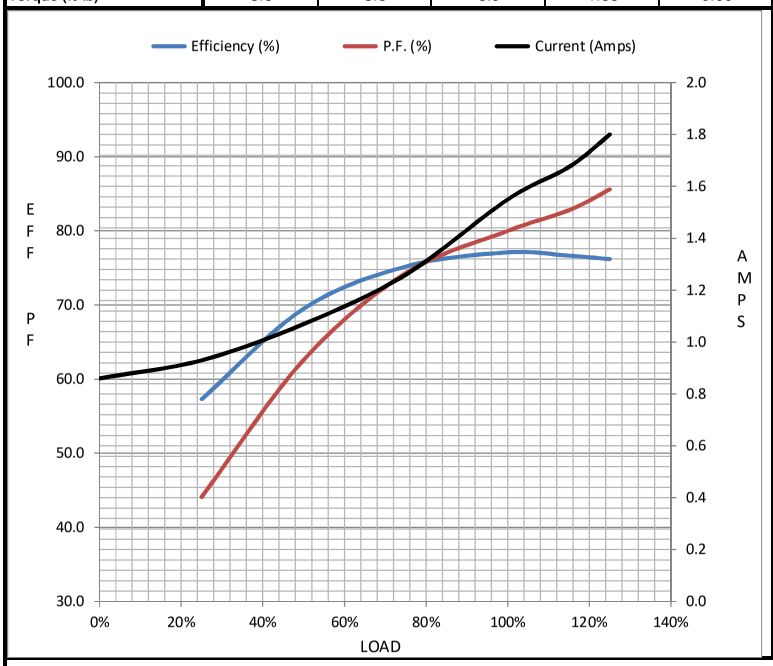
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	0.86	0.93	1.07	1.26	1.55	1.68	1.80	10.0	
Torque (ft-lb)	0.00	0.37	0.74	1.13	1.55	1.74	1.93	3.6	
RPM	3600	3563	3530	3495	3460	3,440	3411	0	
Efficiency (%)		57.3	69.5	75.2	77.1	76.7	76.2		
P.F. (%)	23.1	44.1	62.6	74.3	80.0	82.8	85.6	0.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	200	2600	3460	3600
Current (Amps)	10.0	9.2	6.0	1.55	0.86
Torque (ft-lb)	3.6	3.5	5.0	1.55	0.00



Information Block

HP	1.0	
Sync. RPM	3600	
Frame	140	
Enclosure	TENV	
Construction	NA	
Voltage	208-230/460	V
Frequency	60	Hz
Design	B	
LR Code letter	J	
Service Factor	1.15	
Temp Rise @ FL	53	° C
Duty	AIROVER	
Ambient	40	° C
Elevation	1,000	feet
Rotor/Shaft wk²	0.03	Lb-Ft²
Ref Wdg	T632161 NR	
Sound Pressure @ 1M	999	dBA
VFD Rating	NONE	
Outline Dwg	028555-500	
Conn. Diag	005010.01	

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