

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



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Nameplate Specifications

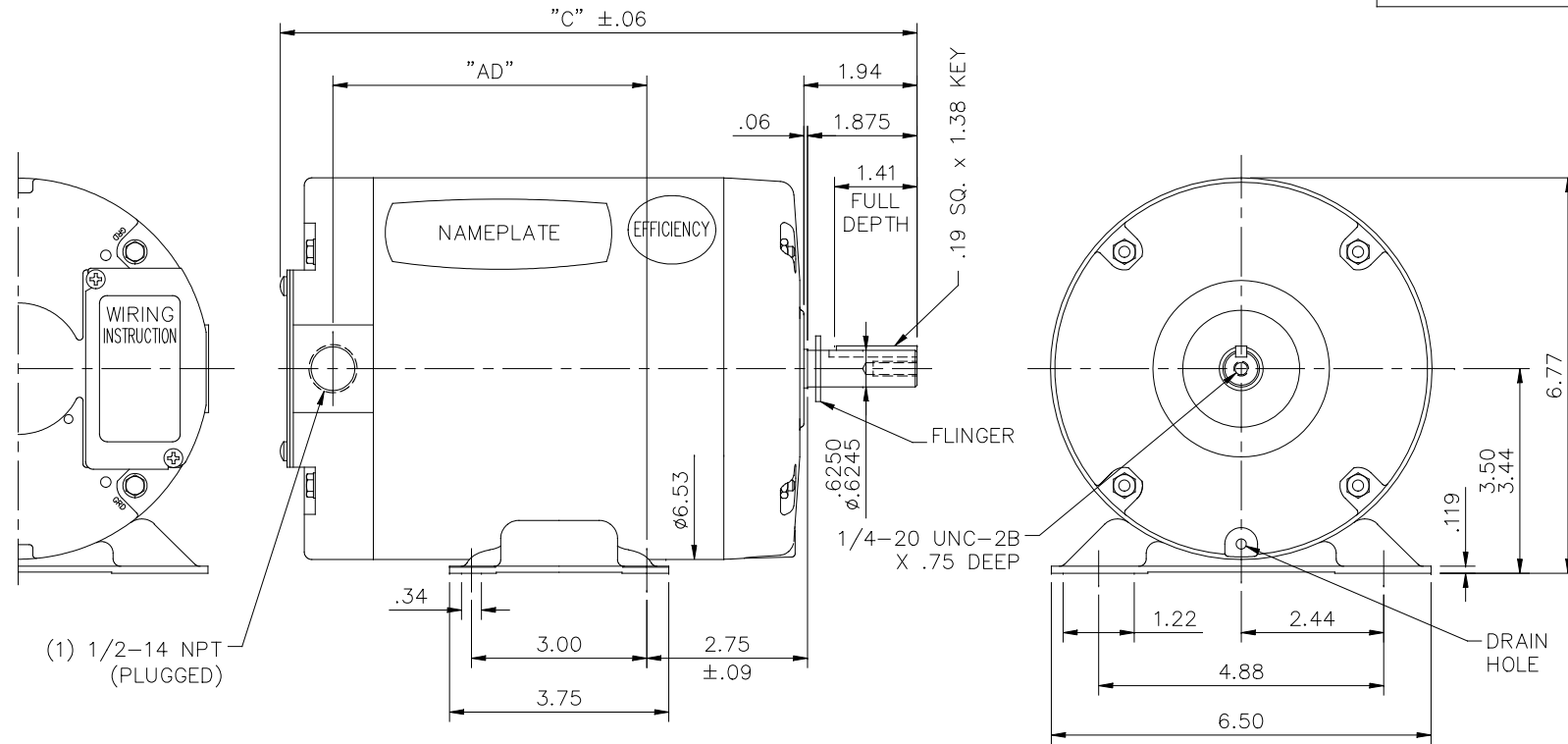
Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	3.4-3.2/1.6 A	Speed	3450 rpm
Service Factor	1	Phase	3
Efficiency	77 %	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	J	Frame	56Z
Enclosure	Totally Enclosed Air Over	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	43		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	9.90 in	Frame Length	5.00 in
Shaft Diameter	0.625 in	Shaft Extension	1.87 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028555-500	Connection Diagram	005010.01

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028555



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

GASKETS THROUGHOUT

		TOLERANCES UNLESS SPECIFIED		DRAWN BJB 06/20/03		
		DEC.	INCHES	CHK		
		.X	±.1	APPD		
		.XX	±.03	SCALE 3=8		
		.XXX	±.005	REF		
A	ADDED FLINGER	DS 06/12/2018	AS .XXXX ±.0005	MAT'L. GENERAL PURPOSE		
NO.	REVISION	BY & DATE	CHK ANG ±1/2'	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	CAD FILE	028555	SIZE A	DRAWING NO. 028555
		DIST BRF-NLV				REV. A

REGAL™ Regal Beloit America, Inc.

TITLE OUTLINE - 56 FRAME
T.E.N.V. - RIGID

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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

				TOLERANCES UNLESS SPECIFIED		REGAL ™ Regal Beloit America, Inc.		DRAWN RDW 04/12/02		
				DEC.	INCHES			CHK		
				.X	±.1			APPD		
				.XX	±.01			SCALE 1=1		
				.XXX	±.005	TITLE		REF FIG.2-51		
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L.		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	04/12/02	CAD FILE	00501001	SIZE	DRAWING NO.	REV.
				DIST	BRF-NLV			A	005010-01	A



Motor Load Data						LR		
Load	0%	25%	50%	75%	100%	115%	125%	
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
HPM	3600	3563	3530	3495	3460	3440	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					
Speed (RPM)	LR	Pull-Up	BD	Rated	Idle
Current (Amps)	0	200	2600	3460	3600
Torque (ft-lb)	10.0	9.2	6.0	1.55	0.86
	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 wk ²	0.03 LB-Ft ²			
Ref Wdg	T632161 NR			
Sound Pressure @ 1M	999 dBA			
VFD Rating	NONE			
Outline Dwg	028355-500			
Conn. Diag	005010.01			
Additional Specifications:				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000

