

PRODUCT INFORMATION PACKET



Model No: C6T34NB18D

Catalog No: 111334.00

3/4HP..3450RPM.56.TENV.208-230/460V.3PH.60HZ.AIROVER.NOT.40C.1.0SF.RIGID.AG - FAN &
BLOWER.C6T34NB18D

Aeration Fan



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Nameplate Specifications

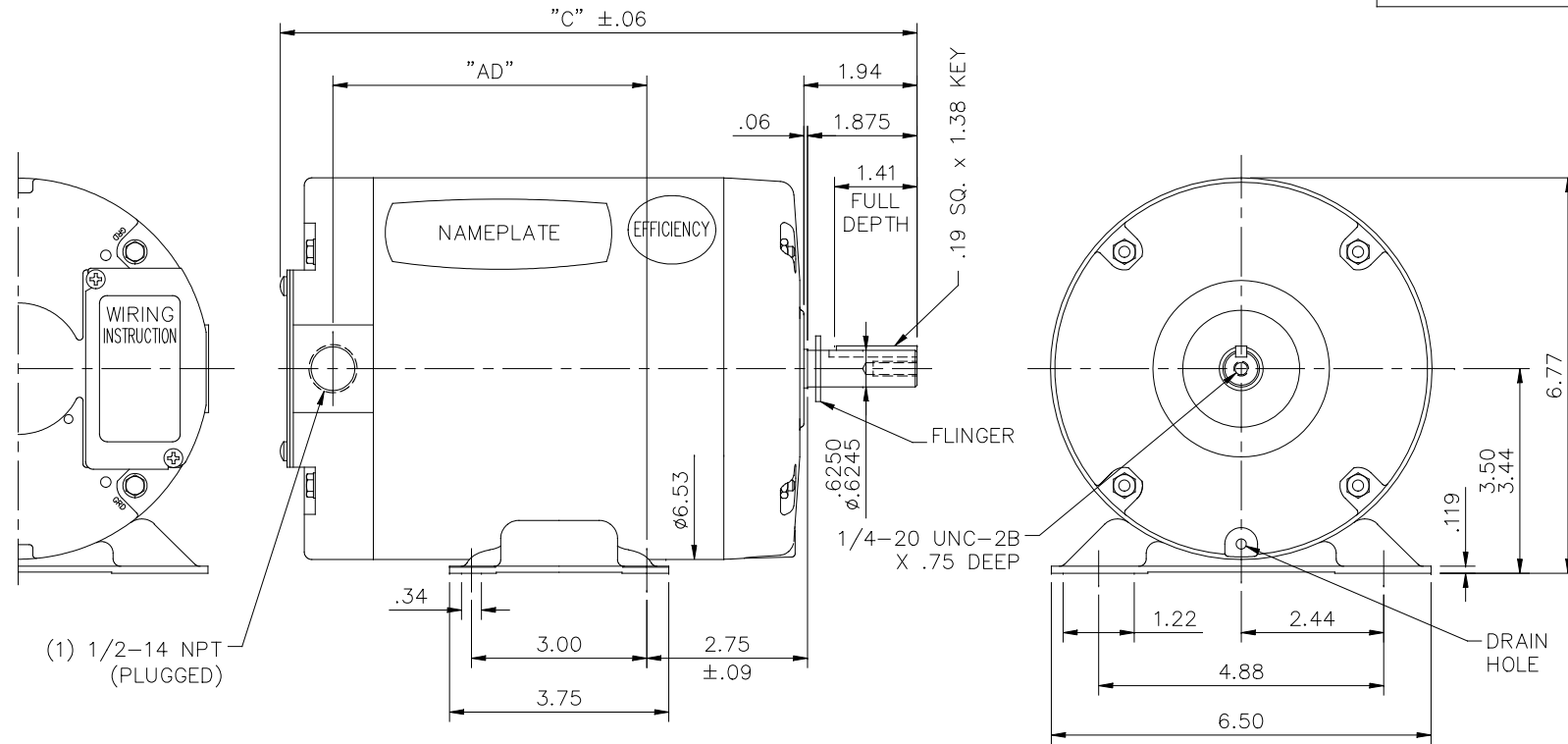
Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	2.5-2.4/1.2 A	Speed	3450 rpm
Service Factor	1	Phase	3
Efficiency	75.5 %	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	J	Frame	56Z
Enclosure	Totally Enclosed Air Over	Overload Protector	No
Ambient Temperature	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	Single Special Extension
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 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. DECAL - 004014	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

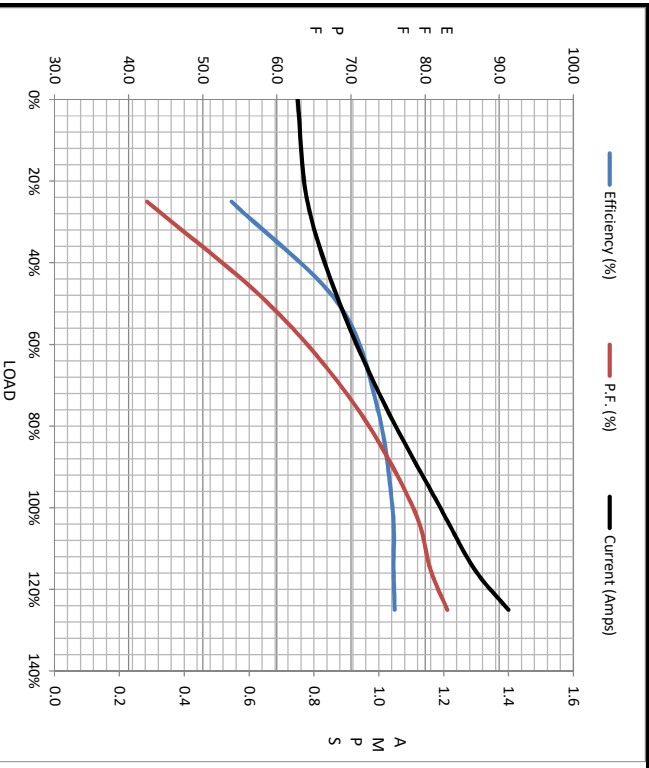
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	0.75	0.78	0.88	1.02	1.19	1.30	1.40	7.3
Torque (ft-lb)	0.00	72.2	144	218	294	5,343	372	738
RPM	3600	3559	3528	3492	3454	3436	3410	0
Efficiency (%)		53.9	68.3	73.5	75.6	75.8	75.9	
P.F. (%)	17.6	42.5	58.9	70.6	78.4	80.7	83.0	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	400	2600	3454	3600
Current (Amps)	7.3	6.7	4.4	1.19	0.75
Torque (ft-lb)	738	706	1,043	294	0.00

Information Block

HP	0.8
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	60 °C
Duty	AIROVER
Ambient	40 °C
Elevation	1,000 feet
Rotor/Shaft wk²	0.02 LB-Ft²
Ref Wdg	T632160 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
0.0000	0.0000
X1	X2
0.0000	0.0000
Xm	Xm
0	0.0000



Speed - Torque Curve

