PRODUCT INFORMATION PACKET

Model No: C6T34VC16B

Catalog No: 116640.00

..1/3HP..3450RPM.56.TENV.208-230/460V.3PH.60HZ.CONT.40C.1.15SF.C FACE.C6T34VC16B.....WASHGUARD.NOT.....25/.18kW...

General Purpose

Product Information Packet: Model No: C6T34VC16B, Catalog No:116640.00 ..1/3HP..3450RPM.56.TENV.208-230/460V.3PH.60HZ.CONT.40C.1.15SF.C FACE.C6T34VC16B.....WASHGUARD.NOT.....25/.18kW...

Nameplate Specifications

Output HP	**0.33 Hp**	Output KW	**0.25 kW**
Frequency	**60 Hz**	Voltage	**208-230/460 V**
Current	**1.1/0.55 A**	Speed	**3450 rpm**
Service Factor	**1.15**	Phase	**3**
Efficiency	**77 %**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**L**	Frame	**56C**
Enclosure	**Totally Enclosed Non Ventilated**	Overload Protector	**No**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6205**
Opp Drive End Bearing Size	**6203**	UL	**Recognized**
CSA	**Y**	CE	**N**
IP Code	**55**		

Technical Specifications

Electrical Type	**Squirrel Cage Induction Run**	Starting Method	**Across The Line**
Poles	**2**	Rotation	**Reversible**
Mounting	**Round**	Motor Orientation	**HORIZONTAL**
Drive End Bearing	**BALL**	Opp Drive End Bearing	**BALL**
Frame Material	**Rolled Steel**	Shaft Type	**NEMA 56**
Overall Length	**10.06 in**	Frame Length	**5.00 in**
Shaft Diameter	**0.625 in**	Shaft Extension	**1.88 in**
Assembly/Box Mounting	**F1 ONLY**		
Outline Drawing	**034960-500**	Connection Diagram	**005010.01**

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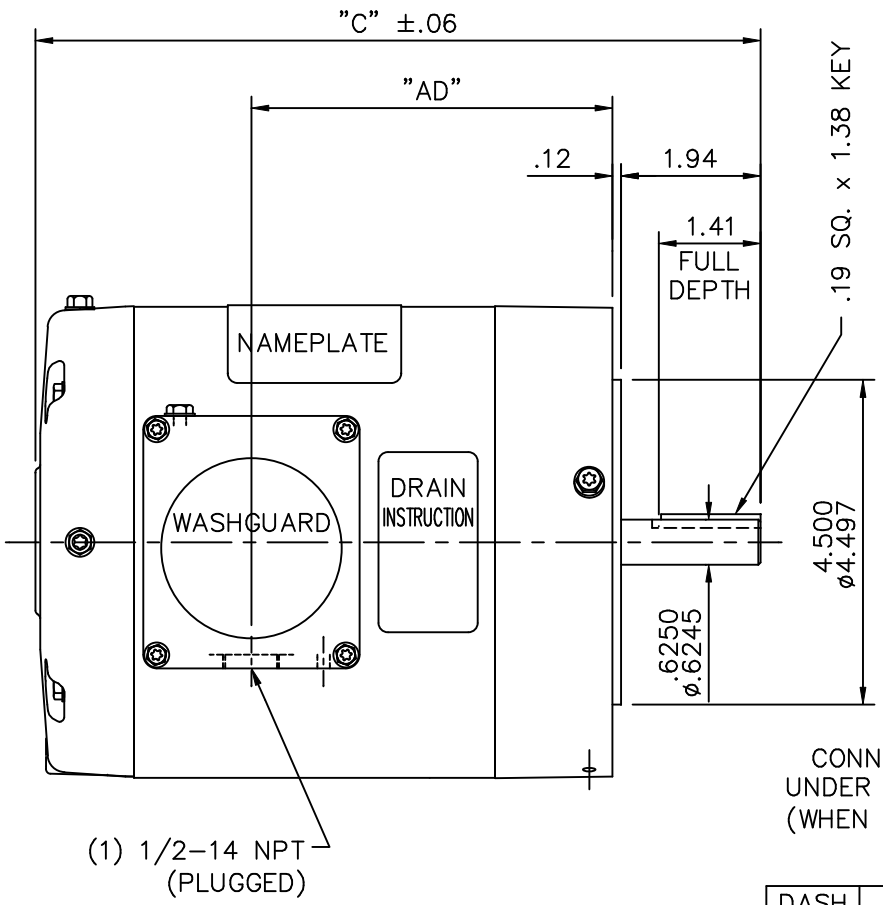
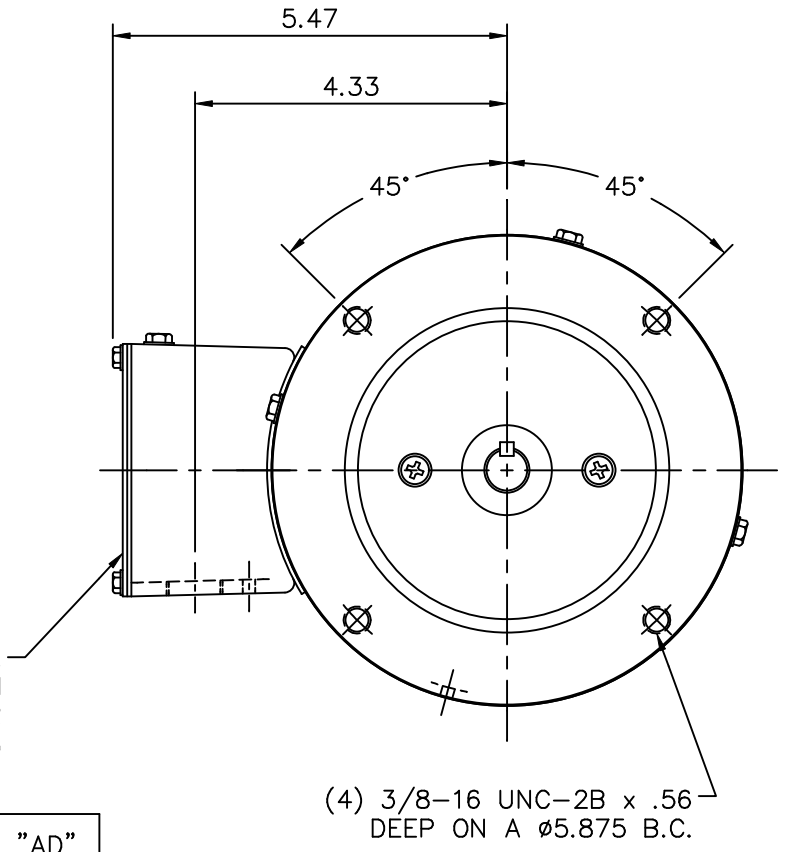
034960





DASH NO.	"C"	"AD"
450	9.56	4.50
500	10.06	5.00
550	10.56	5.50
600	11.06	6.00
650	11.56	6.50
700	12.06	7.00
750	12.56	7.50
800	13.06	8.00

SPECIAL FEATURES:

1) SHAFT SEALS & V–RING
2) DRAIN HOLES IN BOTH ENDBELLS & CONDUIT BOX
3) GASKETS THROUGHOUT
4) STAINLESS STEEL SHAFT, HARDWARE & NAMEPLATE

MAXIMUM FACE RUNOUT .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT .002 T.I.R.

NO.	REVISION	BY & DATE	CHK
01	SHAFT END E.B. WAS 021255–19 PER ECO 04–1702	LST 9/9/04	

TOLERANCES UNLESS SPECIFIED

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

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE: OUTLINE – 56C FRAME TENV – "C" FACE

MAT'L.: WASHGUARD

FINISH:

CAD FILE: 034960

RFP:

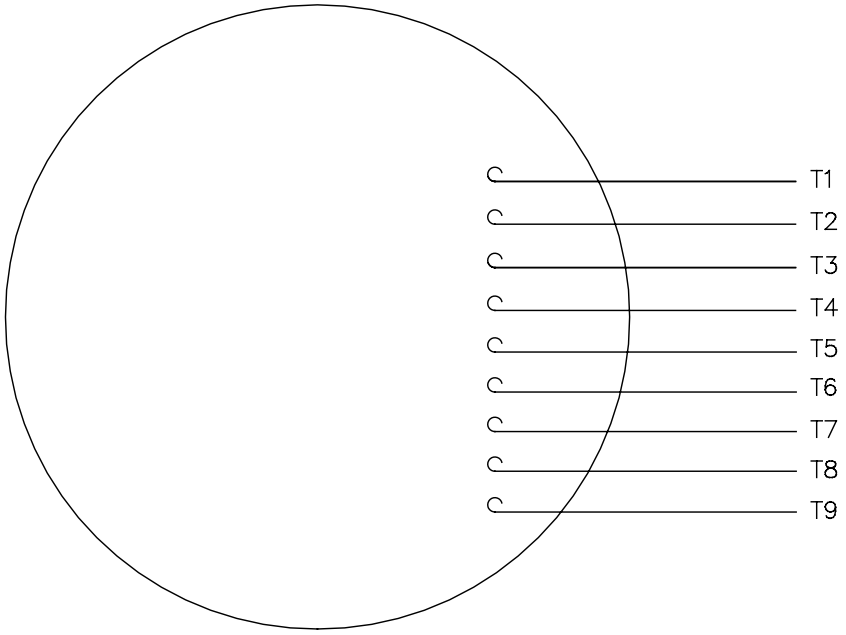
DIST:

DRAWN MGM 2/13/03
CHK
APPD
SCALE 3=8
REF 033694
FMF
PREV

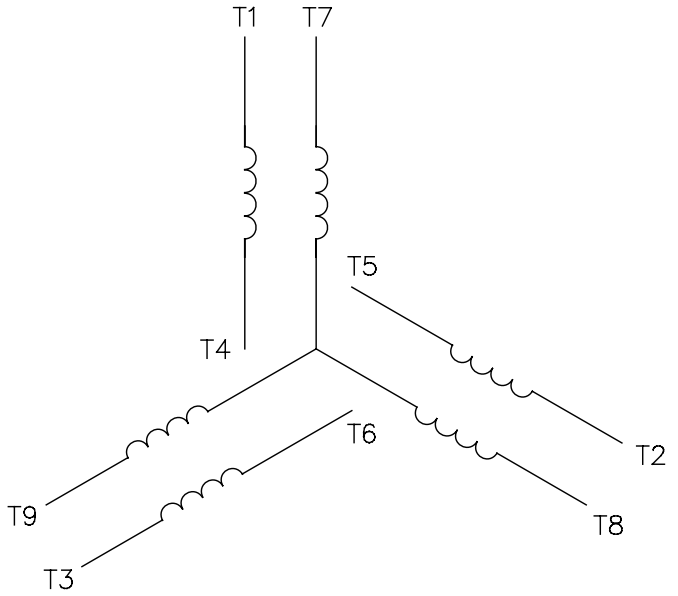
SIZE A | DRAWING NO. 034960 | REV. 01

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: 1/18/2018

LEESON

116640.00

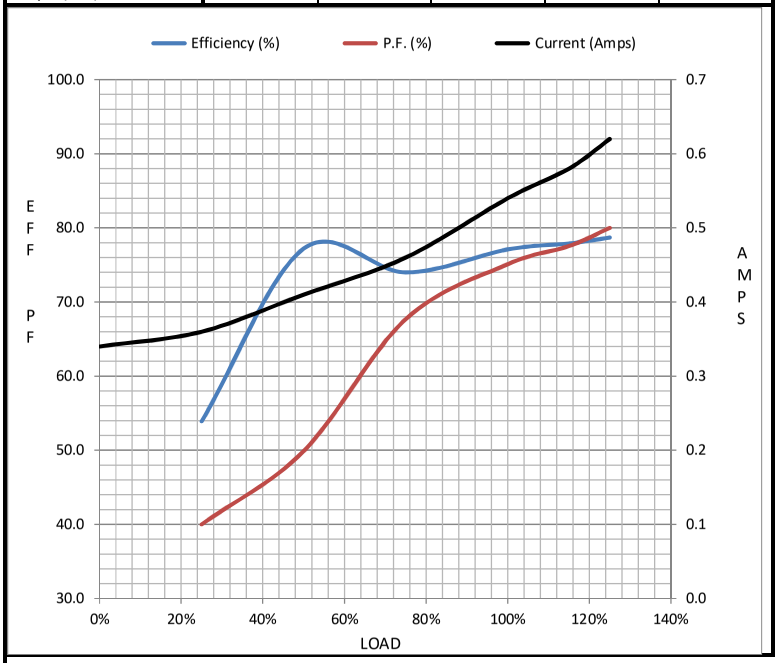
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	0.34	0.36	0.41	0.46	0.54	0.58	0.62	4.4	
Torque (ft-lb)	0.00	31.9	64.6	113	129	2,370	163	394	
RPM	3600	3571	3550	3531	3506	3,497	3483	0	
Efficiency (%)		53.9	77.2	74.0	77.1	77.9	78.7		
P.F. (%)	18.5	40.0	49.9	67.7	75.1	77.6	80.0	0.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	229	2600	3506	3600
Current (Amps)	4.4	4.3	2.90	0.54	0.34
Torque (ft-lb)	394	386	571	129	0.00



Information Block

HP	0.3	
Sync. RPM	3600	
Frame	140	
Enclosure	TENV	
Construction	NA	
Voltage	208-230/460#190/380	V
Frequency	60	Hz
Design	B	
LR Code letter	L	
Service Factor	1.15	
Temp Rise @ FL	77	° C
Duty	CONT	
Ambient	40	° C
Elevation	1,000	feet
Rotor/Shaft wk²	0.03	Lb-Ft²
Ref Wdg	T632186 NR	
Sound Pressure @ 1M	0	dBA
VFD Rating	NONE	
Outline Dwg	034960-500	
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