

PRODUCT INFORMATION PACKET



Model No: C6T17NK31A

Catalog No: 191207.00

3/4HP..1740RPM.56.TENV.208-230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID
C.C6T17NK31A.....WASHGUARD-ALL STAINLESS.NOT.....

Paint Free



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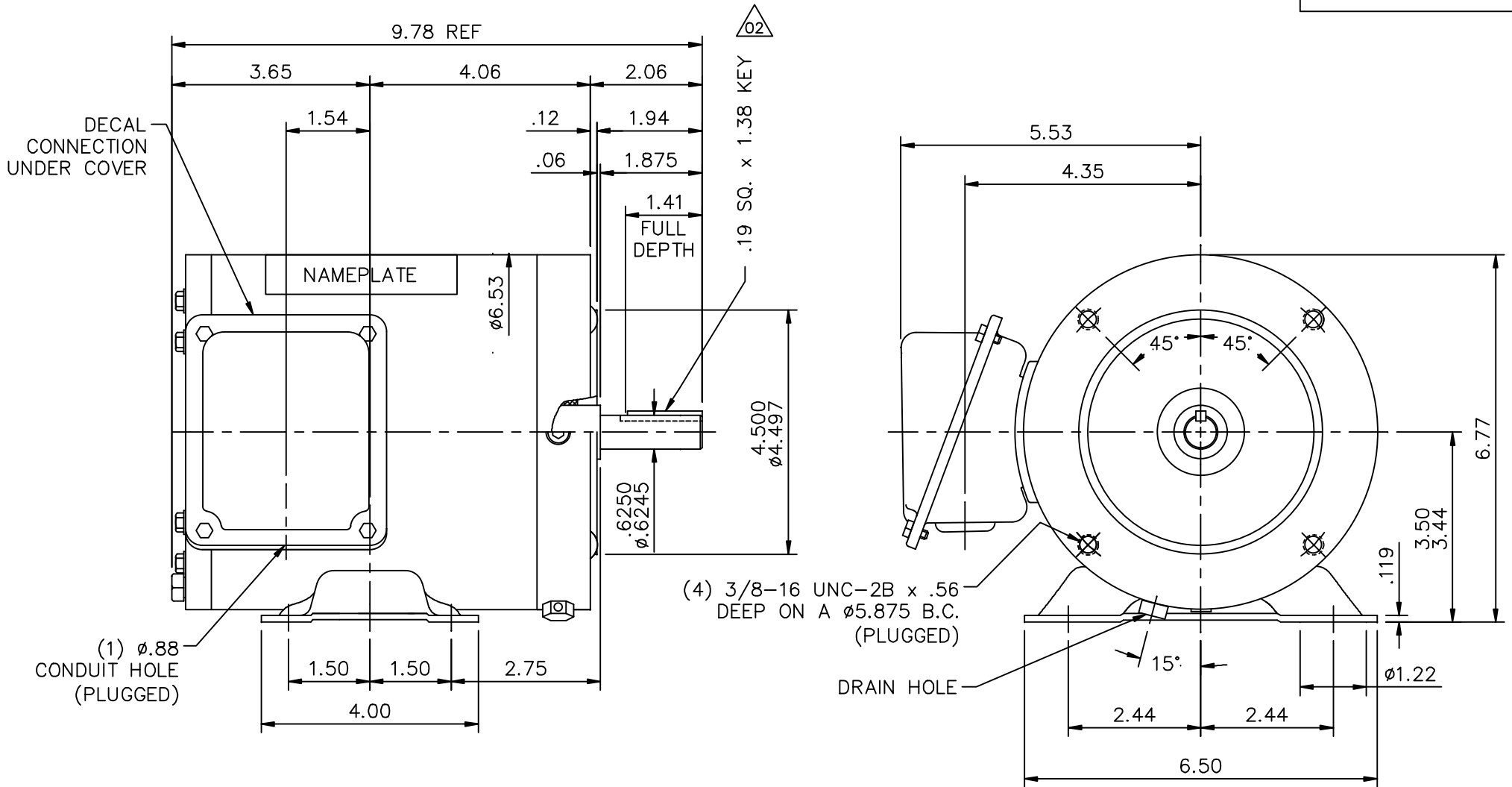
Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	2.4-2.3/1.2 A	Speed	1740 rpm
Service Factor	1.15	Phase	3
Efficiency	82.5 %	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	6205	UL	Recognized
CSA	Y	CE	Y
IP Code	55		

Technical Specifications


Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Stainless Steel	Shaft Type	NEMA 56
Overall Length	9.78 in	Frame Length	6.00 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	16992900	Connection Diagram	005010.01

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

GASKETS THROUGHOUT

				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN MGM 04/10/03		
				DEC.	INCHES			CHK	RDW 04/10/03	
				.X	±.1			APPD		
				.XX	±.03	TITLE	OUTLINE - 56C FRAME TENV - RIGID "C"	SCALE	3=8	
02	UPDATED SHAFT EXT DIMS	RDW 4/26/04	SW	.XXX	±.005			REF		
01	CONDUIT HOLE WAS 1/2-14 NPT, DIM .157 WAS .12	SW 10/7/2003	RDW	.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		CAD FILE	16992900	SIZE	DRAWING NO.	REV.
				DIST				A	169929.00	01

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



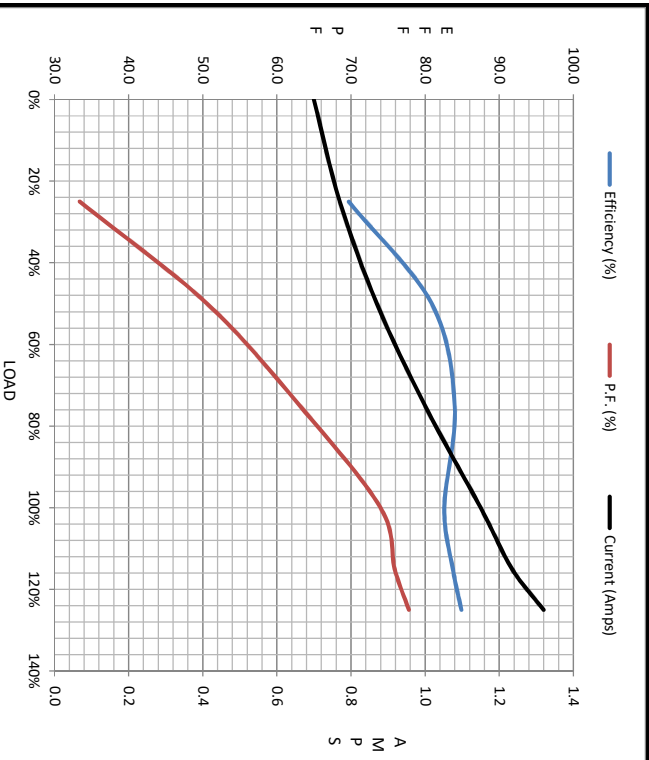
VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				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	
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				DIST	BRF-NLV				A	005010-01		REV.



Motor Load Data						Data @ 460 V		
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	0.70	0.77	0.87	1.00	1.15	1.24	1.32	9.3
Torque (ft-lb)	0.00	144	288	432	576	10,384	721	1,857
RPM	1800	1787	1776	1763	1752	1,746	1,738	0
Efficiency (%)		69.7	80.9	84.0	82.6	83.8	84.9	
P.F. (%)	14.0	33.4	50.6	63.1	74.0	75.9	77.8	0.0

Motor Speed Data					Information Block					
LR	Pull-Up	BD	Rated	Idle	HP	Sync. RPM	Frame	Enclosure	Construction	Voltagge
0	900	1656	1752	1800	0.8	1800	0	TENV	NA	208-230/460#190/380
9.3	8.6	5.6	1.15	0.70						60 Hz
1,857	1,809	2,610	576	0.00						Design B
										LR Code letter L
										Service Factor 1.15
										Temp Rise @ FL 80 °C
										Duty CONT
										Ambient 40 °C
										Elevation 1,000 feet
										Rotor/Shaft wk ² -1.00 LB-Ft ²
										Ref Wdg QT16349 NR
										Sound Pressure @ 1M 999 dBA
										VFD Rating NONE
										Outline Dwg 16992900
										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



LR	R1	R2	X1	X2	Xm
0	0.0000	0.0000	0.0000	0.0000	0.0000

