

PRODUCT INFORMATION PACKET



Model No: C6T17NB53C

Catalog No: 114309.00

3/4HP..1725RPM.56.TENV.208-230/460V.3PH.60HZ.CONT.NOT.40C.1.15SF.RIGID.GENERAL
PURPOSE.C6T17NB53C

Totally Enclosed Non-Ventilated (TENV)



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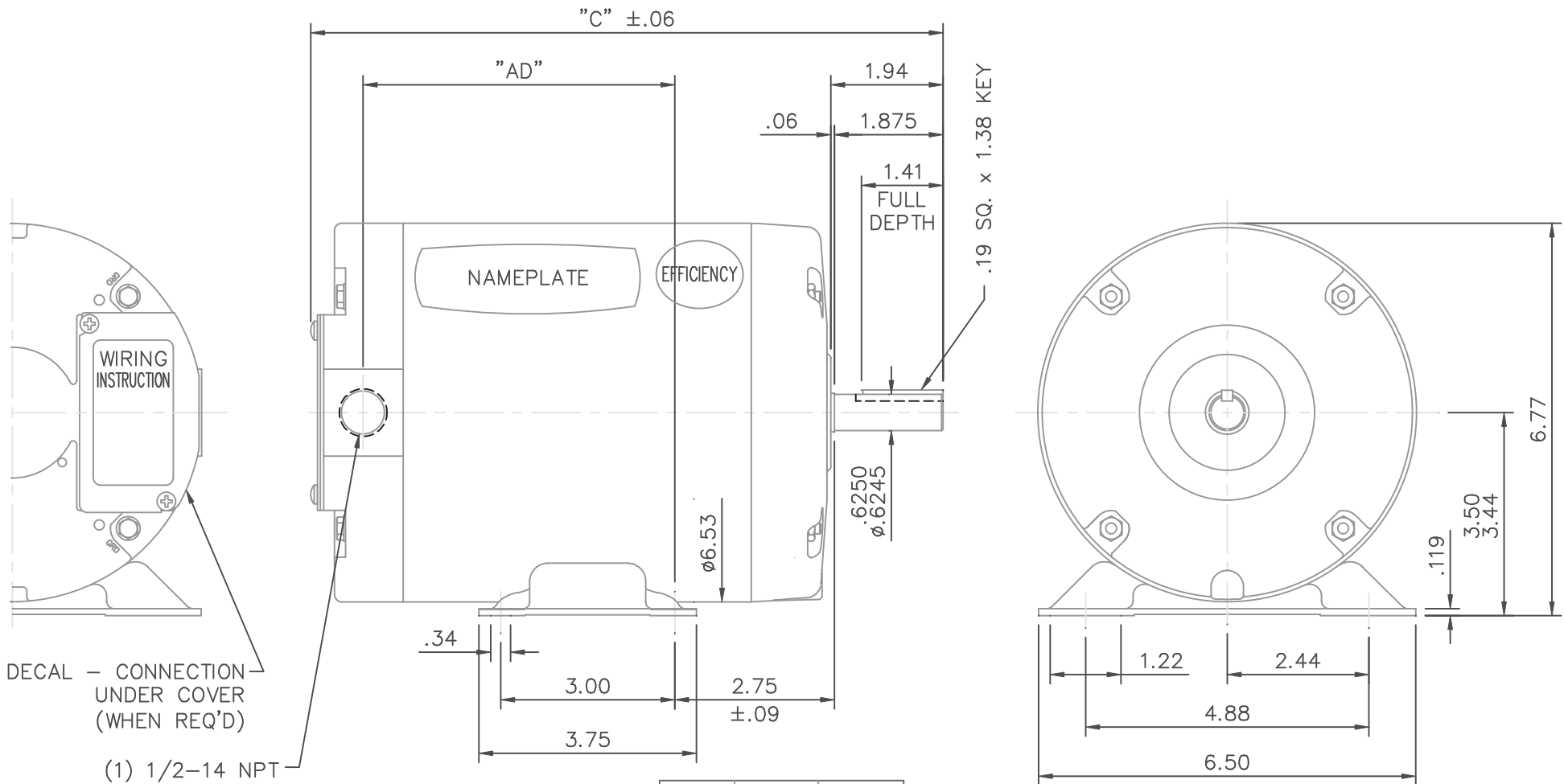
Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	2.7-2.5/1.3 A	Speed	1725 rpm
Service Factor	1.15	Phase	3
Efficiency	80 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	L	Frame	56
Enclosure	Totally Enclosed Non Ventilated	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	4	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	10.90 in	Frame Length	6.00 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	034982-600	Connection Diagram	005010.01

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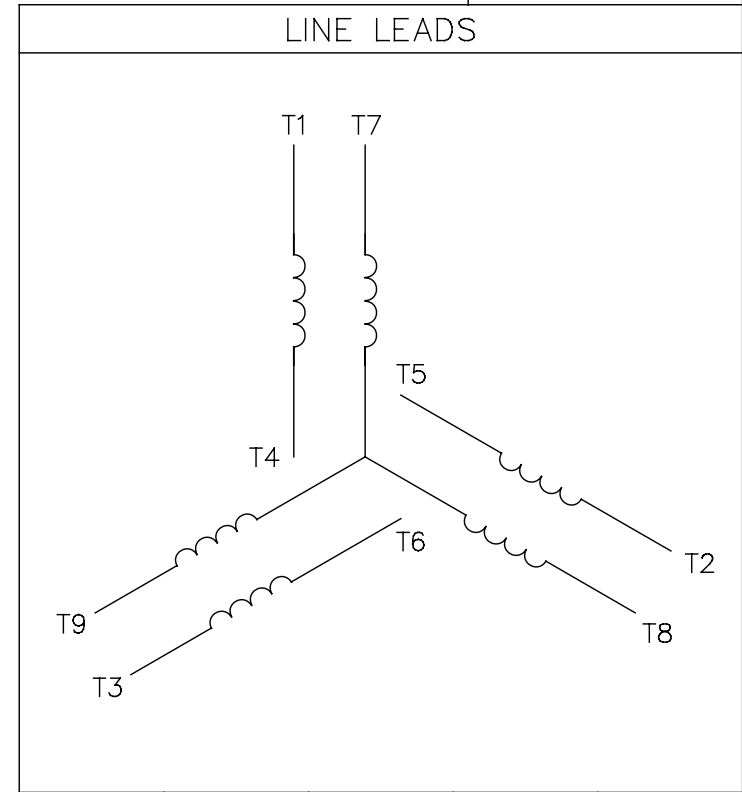
DASH NO.	"C"	"AD"
500	9.90	4.37
550	10.40	4.87
600	10.90	5.37
650	11.40	5.87

GASKETS THROUGHOUT

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN RDW 2/21/03		
				DEC.	INCHES		CHK		
				.X	±.1		APPD SW 2/21/03		
				.XX	±.03		SCALE 3=8		
				.XXX	±.005		REF		
				.XXXX	±.0005	MAT'L. GENERAL PURPOSE	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	2/21/03	CAD FILE 034982	SIZE A	DRAWING NO. 034982	REV.
				DIST	BRF-NLV				

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		EXTERNAL WIRING DIAGRAM		
				.XXXX	±.0005	MAT'L.		DECAL - 004014		
				ANG	±1/2°	FINISH		REF FIG.2-51		
A	UPDATED TO REGAL LOGO			SAJ	06/26/15	AJY	.XXXX	±.0005	FMF	
NO.	REVISION			BY & DATE	CHK	ANG	±1/2°	PREV		
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				DIST	BRF-NLV			A	005010-01	A

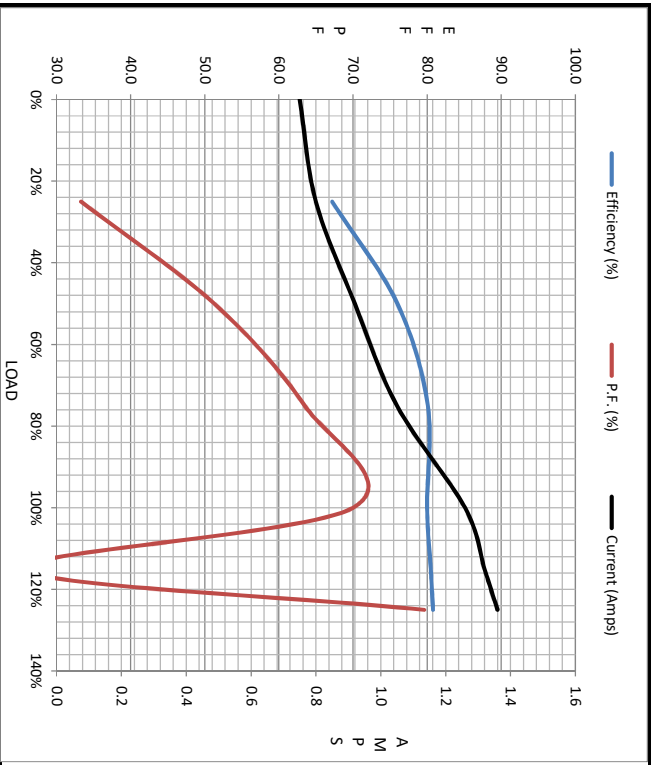


Motor Load Data						
Load	0%	25%	50%	75%	100%	LR
Current (Amps)	0.75	0.80	0.92	1.05	1.26	8.8
Torque (ft-lb)	0.00	0.56	1.13	1.69	2.25	6.7
RPM	1800	1791	1780	1771	1759	0
Efficiency (%)		67.2	76.0	80.1	80.0	
P.F. (%)	12.6	33.3	51.3	63.5	70.0	0.0

Motor Speed Data					
	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	850	1300	1759	1800
Current (Amps)	8.8	8.0	4.8	1.26	0.75
Torque (ft-lb)	6.7	6.6	8.8	2.25	0.00

Information Block

HP	0.8
Sync. RPM	1800
Frame	140
Enclosure	TENV
Construction	TTR
Voltage	208-230/460 V
Frequency	60 Hz
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	0.09 LB-Ft ²
Ref Wdg	T634245 NR
Sound Pressure @ 1M	0 dBA
VFD Rating	NONE
Outline Dwg	034982-600
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
0.0000	0.0000



Speed - Torque Curve

