

PRODUCT INFORMATION PACKET



Model No: C6T17NR1C

Catalog No: 111917.00

1/2HP..1725RPM.56H.TENV.208-230/460V.3PH.60HZ.CONT.NOT.40C.1.15SF.RESIL.GENERAL
PURPOSE.C6T17NR1C

Totally Enclosed Non-Ventilated (TENV)



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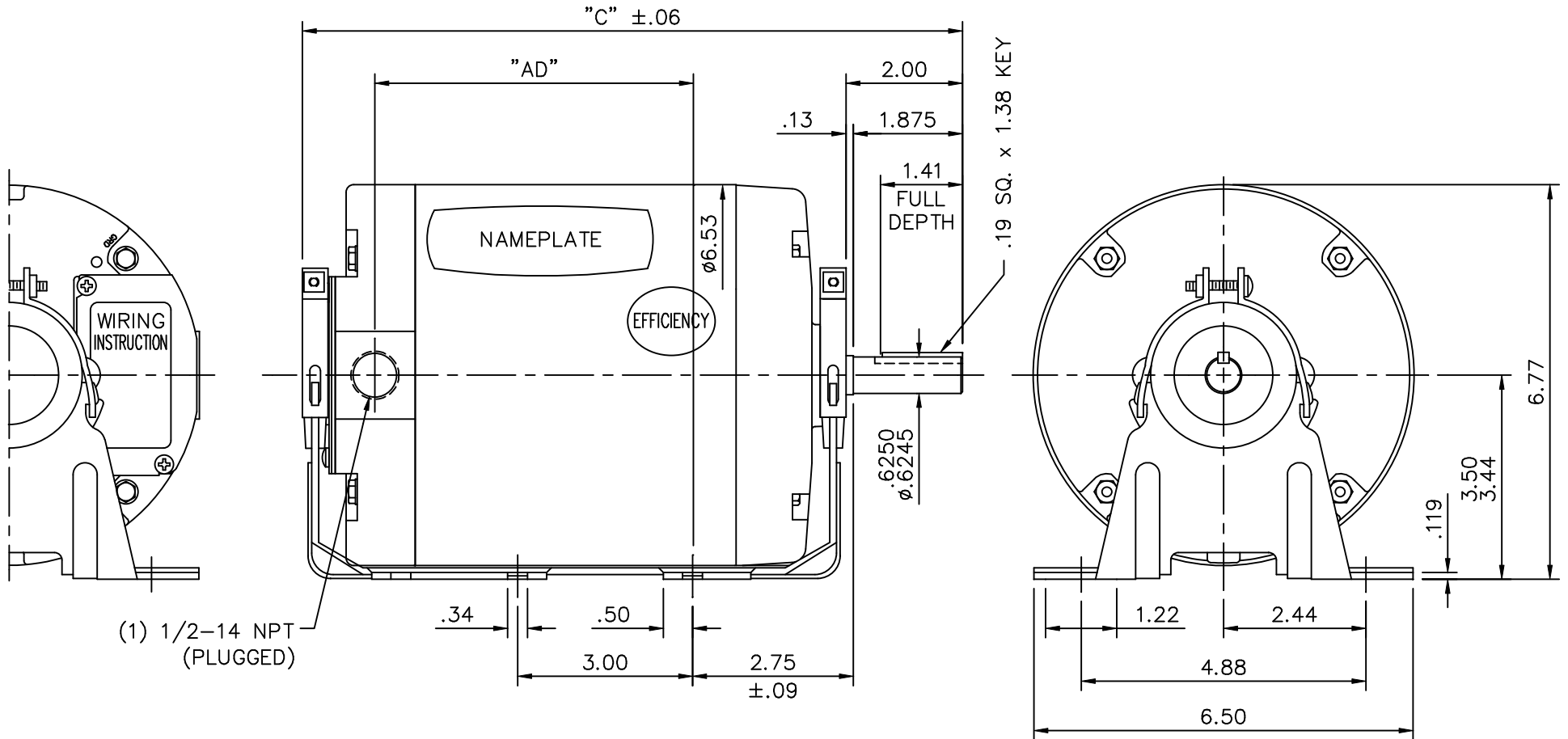
Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	2.0-1.8/0.90 A	Speed	1725 rpm
Service Factor	1.15	Phase	3
Efficiency	78.5 %	Duty	Continuous
Insulation Class	B	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	Resilient Base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	11.32 in	Frame Length	5.50 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028548-550	Connection Diagram	005010.01

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DASH NO.	"C"	"AD"
550	11.32	5.46

GASKETS THROUGHOUT



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

DRAWN	BJB 06/18/03
CHK	
APPD	
SCALE	3=8
REF	
FMF	
PREV	

TITLE	OUTLINE - 56 FRAME T.E.N.V. - RESILIENT BASE
MAT'L.	GENERAL PURPOSE
FINISH	

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED	
				DEC.	INCHES
				.X	±.1
				.XX	±.03
				.XXX	±.005
				.XXXX	±.0005
				ANG	±1/2°

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	028548	SIZE	DRAWING NO.	REV.
				DIST	BRF-NLV		A	028548	

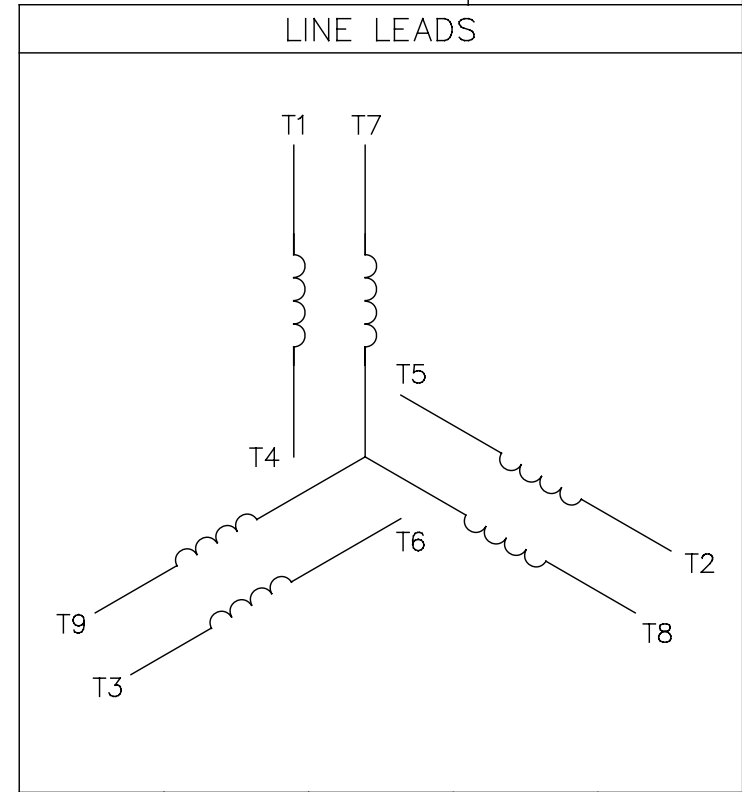
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ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--
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STACK:
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/SS  
-dictionary-  
/Pscript_WinNT_Compact  
-dictionary-
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005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



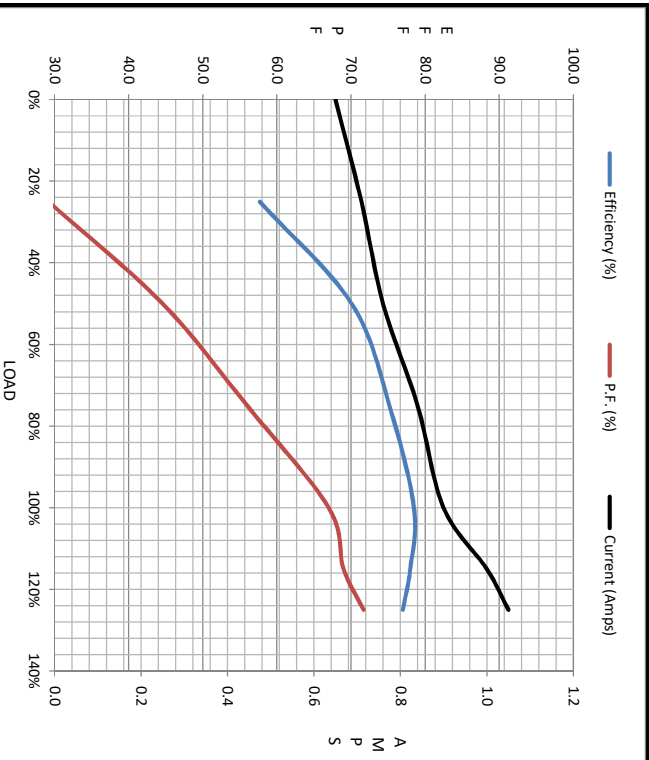
VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				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		A



Motor Load Data									
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	0.65	0.71	0.76	0.84	0.90	1.00	1.05	12.2	
Torque (ft-lb)	0.00	96.0	192	288	384	448	480	1,153	
RPM	1800	1788	1776	1764	1750	1,740	1735	0	
Efficiency (%)		57.7	70.1	75.2	78.5	78.0	77.0		
P.F. (%)	13.1	29.2	44.6	56.0	67.0	69.0	71.7	0.0	

Motor Speed Data						Information Block																							
	LR	Pull-Up	BD	Rated	Idle	HP	Sync. RPM	Frame	Enclosure	Construction	Voltage	Frequency	Design	LR Code letter	Service Factor	Temp Rise @ FL	Duty	Ambient	Elevation	Rotor/Shaft wk ²	Ref Wdg	Sound Pressure @ 1M	VFD Rating	Outline Dwg	Conn. Diag	Additional Specifications:			
Speed (RPM)	0	300	1310	1750	1800	0.5	1800	140	TENV	TTR	208-230/460	60	A	L	1.15	70	CONT	40	1,000	0.06	1634208	NR	0	dB(A)	NONE	028548-550	005010.01		
Current (Amps)	12.2	5.7	4.5	0.90	0.55																								
Torque (ft-lb)	1,153	1,142	1,564	384	0.00																								



R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000

