

PRODUCT INFORMATION PACKET



Model No: C6T17DR37A

Catalog No: E110052.00

..1HP..1760RPM.56.DP.230/460V.3PH.60HZ.CONT.40C.1.15SF.RESILIENT BASE..T-STAT.....

Open Drip Proof (ODP)



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Nameplate Specifications

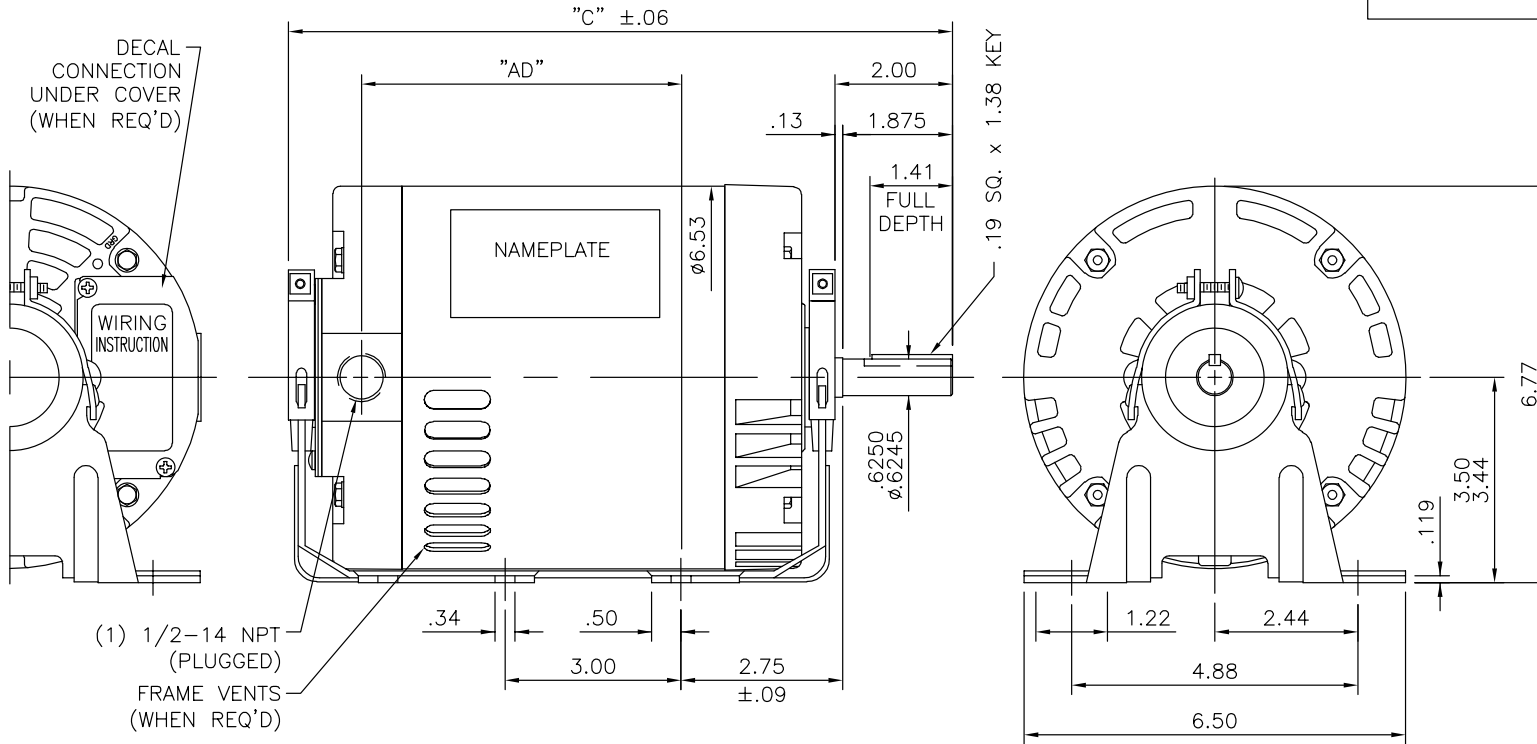
Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230/460 V
Current	3.2/1.6 A	Speed	1760 rpm
Service Factor	1.15	Phase	3
Efficiency	83.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	N	Frame	56H
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications


Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
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	13.32 in	Frame Length	7.50 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	607-0198-750	Connection Diagram	005010.20

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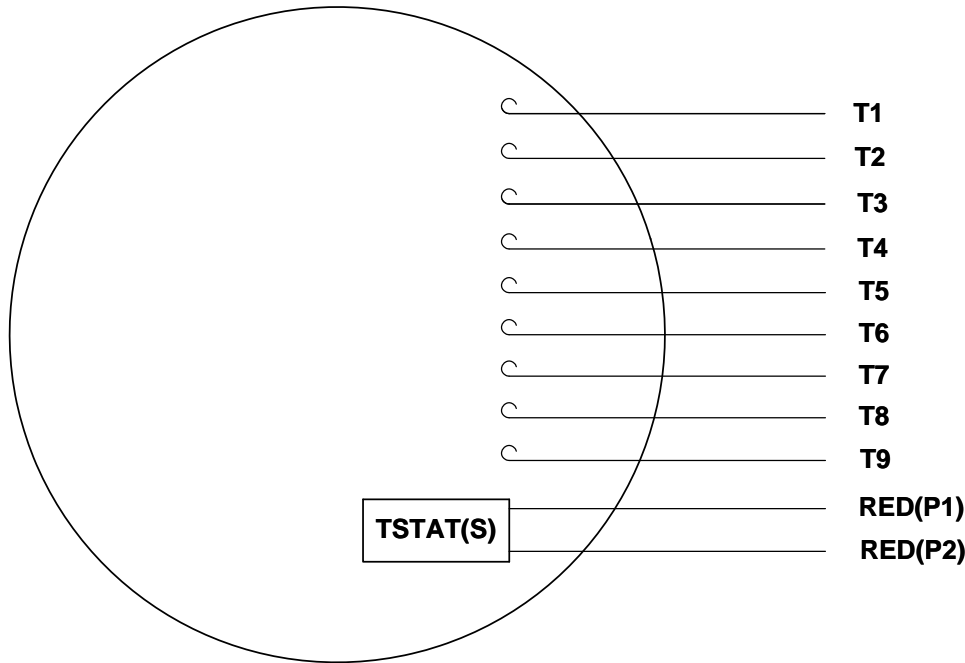
607-0198



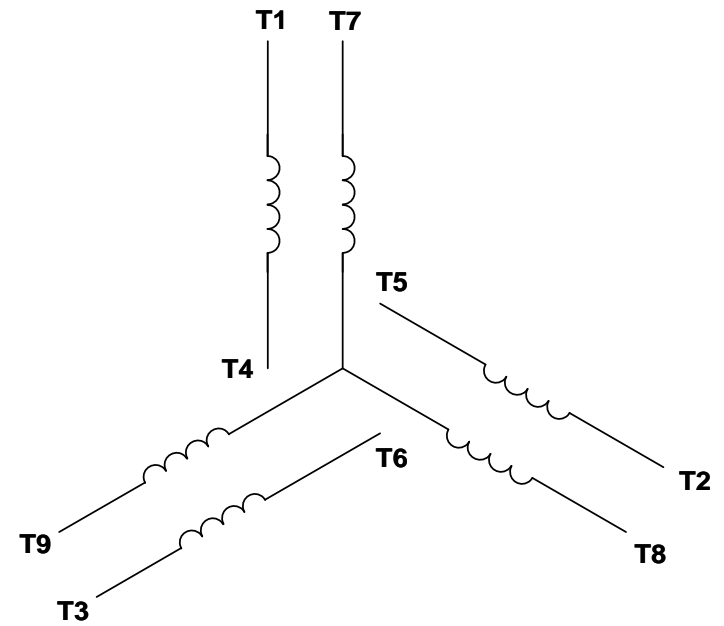
DASH NO.	"C"	"AD"	DASH NO.	"C"	"AD"
500	10.82	4.96	800	13.82	7.96
550	11.32	5.46	850	14.32	8.46
600	11.82	5.96			
650	12.32	6.46			
700	12.82	6.96			
750	13.32	7.46			

NO.		REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	PST 1/29/2015		
								DEC.	INCHES		CHK	JD 1/29/2015		
								.X	±.1		APPD			
								.XX	±.03		TITLE	SCALE	3=8	
								.XXX	±.005		MAT'L.	REF		
								.XXXX	±.0005	GENERAL PURPOSE	FMF			
										OUTLINE - 56 FRAME DRIP PROOF - RESILIENT BASE	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	607-0198	SIZE	DRAWING NO.	REV.
								DIST	BRF-NLV	A	607-0198			

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END. Uncontrolled Copy



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

DRAWING REVISION **G** REVISION BY **MVG** DATE **04/05/2017**

ECO **ECO-0121253** APPROVED BY **SM** DATE **04/05/2017**

ECO DESCRIPTION
ADDED P1 & P2 FOR TSTAT

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 125/3.2 INCH/mm
mm SHOWN IN [BRACKETS]

DRAWN BY **DBT 12/16/97**

DATE

APPROVED BY **KH 12/17/97**

DATE

REFERENCE

THIRD ANGLE PROJECTION

REGAL™ Regal Beloit America, Inc.

DESCRIPTION
CONN DIAGRAM-EXTERNAL
3 PHASE WITH PROTECTOR

MATERIAL **DECAL - 004014 (TSTAT) - 080582** PROCESS/FINISH **STOCK**

SIZE **A** DRAWING NUMBER **00501020** SHEET **1 OF 1**



P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005010.20
OUTLINE: 607-0198-750
WINDING: T634342

CAT #: E110052.00

DR 3

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN	
1	0.75	1800	1760	56H	DP	TDR	N	B	
PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60/50	230/460#190/380	3.2/1.6&3/1.5	LINE OR INVERTER	CONT	F	1.15	40	3300
F.L. EFF	85.5	3/4 LD EFF	85.2	1/2 LD EFF	81.7	GTD EFF	84.0	ELECT. TYPE	
F.L. PF	68.5	3/4 LD PF	62.8	1/2 LD PF	48.0	SQ CAGE INVERTED			
F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (°C)					
2.98 LB-FT	14.5	12.0 LB-FT	403%	15.0 LB-FT	503%	21			
PRESSURE @ 3	POWER	ROTOR WK²	MAX. LOAD WK²	SAFE STALL TIME	STARTS/HOUR	MOTOR WGT			
0 DBA	9 DBA	0.12 LB-FT²	0.1 LB-FT²	10 SEC.	2	0 LB.			

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIIP COVER	SCREENS	PAINT
STANDARD	STANDARD	SILENT BA	HORIZONTAL	NO	NONE	NO	NONE	N - LEESON WATTS
BEARINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	MATERIAL	FRAME MATERIAL	
DE ODE	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL		
BALL BALL								
6203	6203							
THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS		
TSTATS (N/C)	NOT	NONE	NONE	NONE	FALSE	NA		
R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT		
0	0	0	0	0	0.150	ODE		

* NOT TESTED		INVERTER TORQUE: CONSTANT 10:1	
		INV. HP SPEED RANGE: 1.1 X BASE SPEED	
		ENCODER: NONE	
		BRAKE: NONE	
		FT-LB: NONE	
		VOLTAGE: NA	
		UL: Y-(LEESON UL REC)	
		NONE PPR	

DATE:	2/23/2018	Hz:	
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		ENCODER: NONE	
		BRAKE: NONE	
		FT-LB: NONE	
		VOLTAGE: NA	
		UL: Y-(LEESON UL REC)	
		NONE PPR	

DATE:	1/30/2018	FT-LB:	NA	HZ:
		VOLTAGE:	NONE	
		UL:	Y-(LEESON UL REC)	