

# 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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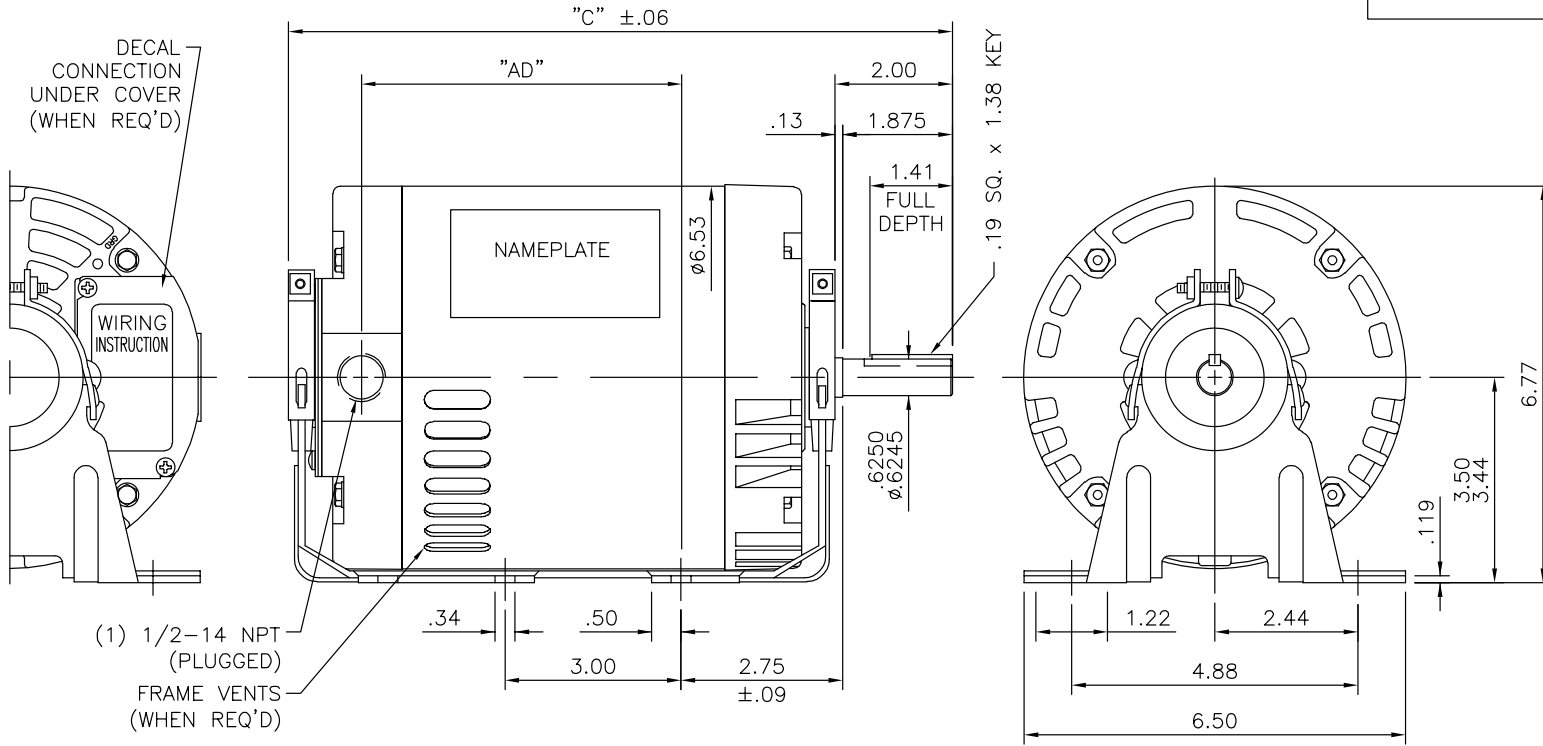
### Nameplate Specifications

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

### Technical Specifications

Electrical Type	<b>Squirrel Cage Inverter Rated</b>	Starting Method	<b>Line Or Inverter</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Mounting	<b>Resilient Base</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>NEMA 56</b>
Overall Length	<b>13.32 in</b>	Frame Length	<b>7.50 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>1.88 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>607-0198-750</b>	Connection Diagram	<b>005010.20</b>

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			

			TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	PST 1/29/2015
			DEC.	INCHES			CHK	JD 1/29/2015
			.X	±.1	TITLE OUTLINE - 56 FRAME DRIP PROOF - RESILIENT BASE		APPD	SCALE 3=8
			.XX	±.03			REF	
			.XXX	±.005			FMF	
			.XXXX	±.0005			PREV	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH		
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



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	F.L. PF	3/4 LD EFF	3/4 LD PF	85.2	62.8	1/2 LD EFF	1/2 LD PF	81.7	48.0	84.0	GTD EFF	ELECT. TYPE
												SO CAGE INVERTED
F.L. TORQUE	LR AMPS @ 460 V	14.5	12.0	LB-FT	403%	15.0	LB-FT	503%	21	F.L. RISE (°C)		
2.98	LB-FT											
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	
BALL ODE 6203	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL		
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		

* N O T E S *		INVERTER TORQUE: CONSTANT 10:1 INV. HP SPEED RANGE: 1.1 X BASE SPEED
ENCODER: NONE NONE NONE		NONE PPR
BRAKE: NONE NONE NONE		NONE
FT-LB: NA VOLTAGE: NONE		NONE
DATE: 2/23/2018		UL: Y-(LEESON UL REC)



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