

# PRODUCT INFORMATION PACKET



Model No: A6T17DR47A

Catalog No: E113846.00

1 1/2HP..1725RPM.56H.DP.230/460V.3PH.60HZ.CONT.AUTOMATIC.40C.1.15SF.RESIL.  
Open Drip Proof (ODP)



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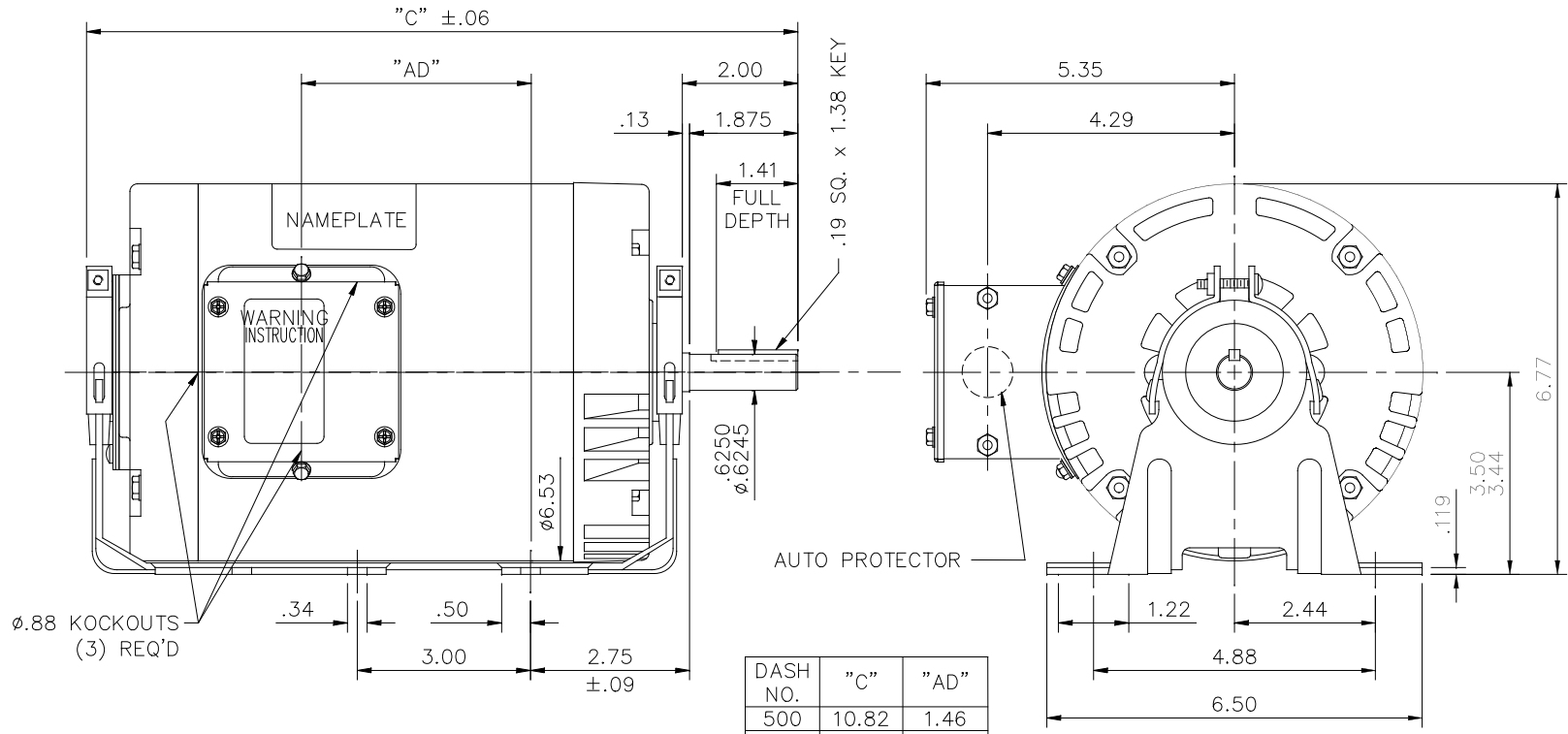


### Nameplate Specifications

Output HP	<b>1.50 Hp</b>	Output KW	<b>1.1 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>4.8/2.4 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>86.5 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>B</b>
KVA Code	<b>L</b>	Frame	<b>56H</b>
Enclosure	<b>Drip Proof</b>	Overload Protector	<b>Automatic</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>N</b>
IP Code	<b>22</b>		

### Technical Specifications

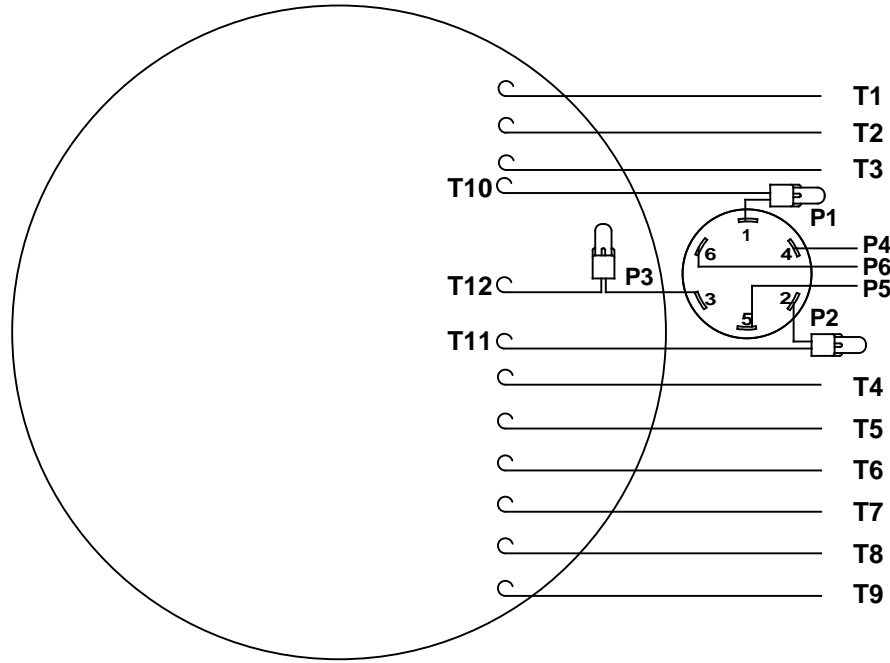
Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Mounting	<b>Resilient Base</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>NEMA 56</b>
Overall Length	<b>14.32 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>607-0266-750</b>	Connection Diagram	<b>005020.02</b>



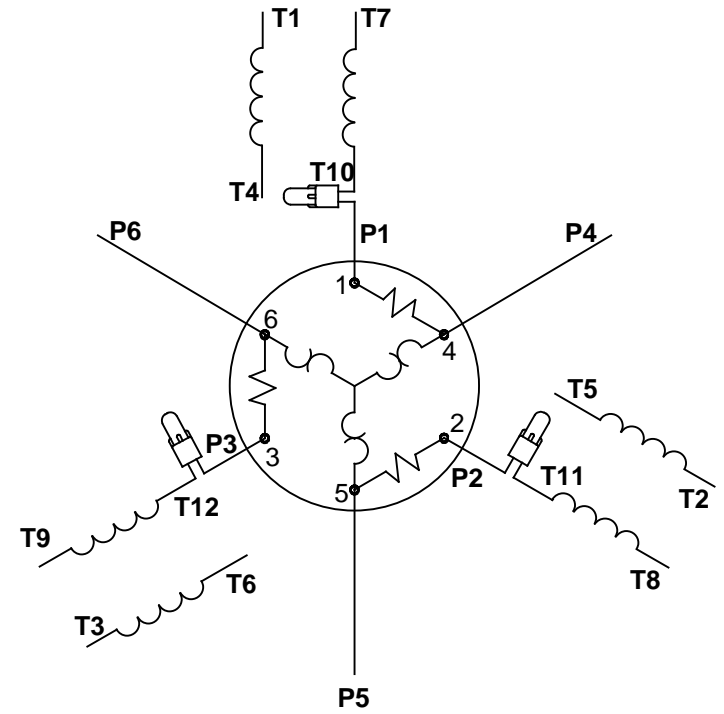
DASH NO.	"C"	"AD"
500	10.82	1.46
550	11.32	1.96
600	11.82	2.46
650	12.32	2.96
700	13.82	3.46
750	14.32	3.96
800	14.82	4.46
850	15.32	4.96

				TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN PK 09/03/16	
				DEC.	INCHES	LEESON		CHK	
				.X	$\pm.1$	TITLE		APPD	
B	ADDED DASH # 800 & 850	PK 11/16/16	PK	.XXX	$\pm.005$	OUTLINE - 56 FRAME		SCALE	3=8
A	NEW DRAWING	PK 09/03/16	PK	.XXXX	$\pm.0005$	DRIP PROOF - RESILIENT BASE		REF	
NO.	REVISION	BY & DATE	CHK	ANG	$\pm 1/2'$	GENERAL PURPOSE		FMF	
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	607-0266	SIZE	DRAWING NO.
				DIST	BRF			A	607-0266
									REV. B

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



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VOLTAGE	L1	L2	L3	JOIN	SEPARATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)	(P4) (P5) (P6)
LOW	T1,T7	T2,T8	T3,T9	(T4,P4) (T5,P5) (T6,P6)	

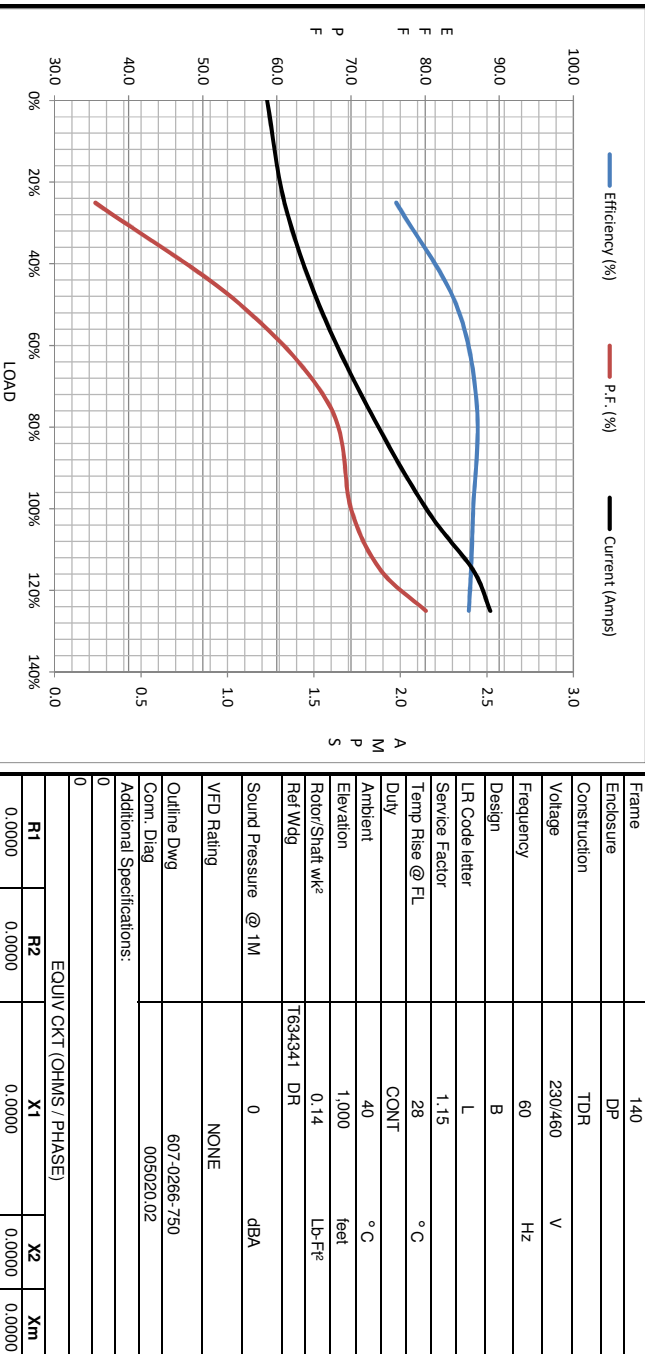
				TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN VJB 02/18/11	
				DEC	INCHES			CHK	
				.X	±.1			APPR	
				.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM		SCALE 1:1	
				.XXX	±.005	TYPE "T" W/PROTECTOR		REF	
02	ADDED REV TO AGREE WITH ORACLE	ARV 4/26/2011	KH	.XXXX	±.0005	MAT'L DECAL - 004023-01		FMF	
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH		PAGE OF	
THIRD ANGLE PROJECTION			RFP	PREV			SIZE	DRAWING NO	
			NETWORK FILE NAME 00502002			A		005020-02	
								REV	
								02	





Motor Load Data						LR		
Load	0%	25%	50%	75%	100%	115%	125%	
Current (Amps)	1.23	1.33	1.53	1.81	2.15	2.42	2.52	18.1
Torque (ft-lb)	0.00	1.13	2.25	3.4	4.5	5.2	5.6	14.8
RPM	1800	1786	1773	1761	1746	1740	1732	0
P.F. (%)	9.9	35.5	55.1	67.2	70.0	74.0	80.1	0.0

Motor Speed Data					Information Block																						
Speed (RPM)	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 <sup>2</sup>	Ref Wdg	Sound Pressure @ 1M	VFD Rating	Outline Dwg	Conn. Diag	Additional Specifications:	
	0	900	1600	1746	1800	1.5	1800	140	DP	TDR	230/460	60	B	L	1.15	28	CONT	40	1,000	0.14	DR	0	NONE	607-0266-750	005020.02		
Current (Amps)	18.1	16.0	12.1	2.15	1.23																						
Torque (ft-lb)	14.8	13.5	19.8	4.5	0.00																						



EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000

