

# PRODUCT INFORMATION PACKET



Model No: C6T11DC1F

Catalog No: 110434.00

Obsolete in the US, replaced by E110434.00 -  
1/2HP..1140RPM.56.DP.230/460V.3PH.60HZ.CONT.NOT.40C.1.15SF.C FACE.GENERAL  
PURPOSE.C6T11DC1F  
Open Drip Proof (ODP)



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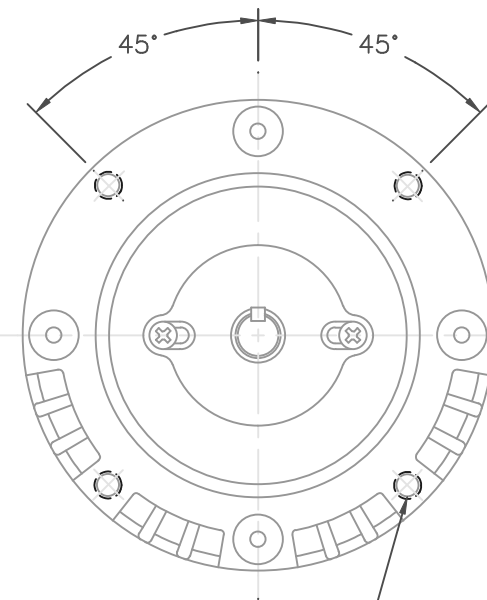
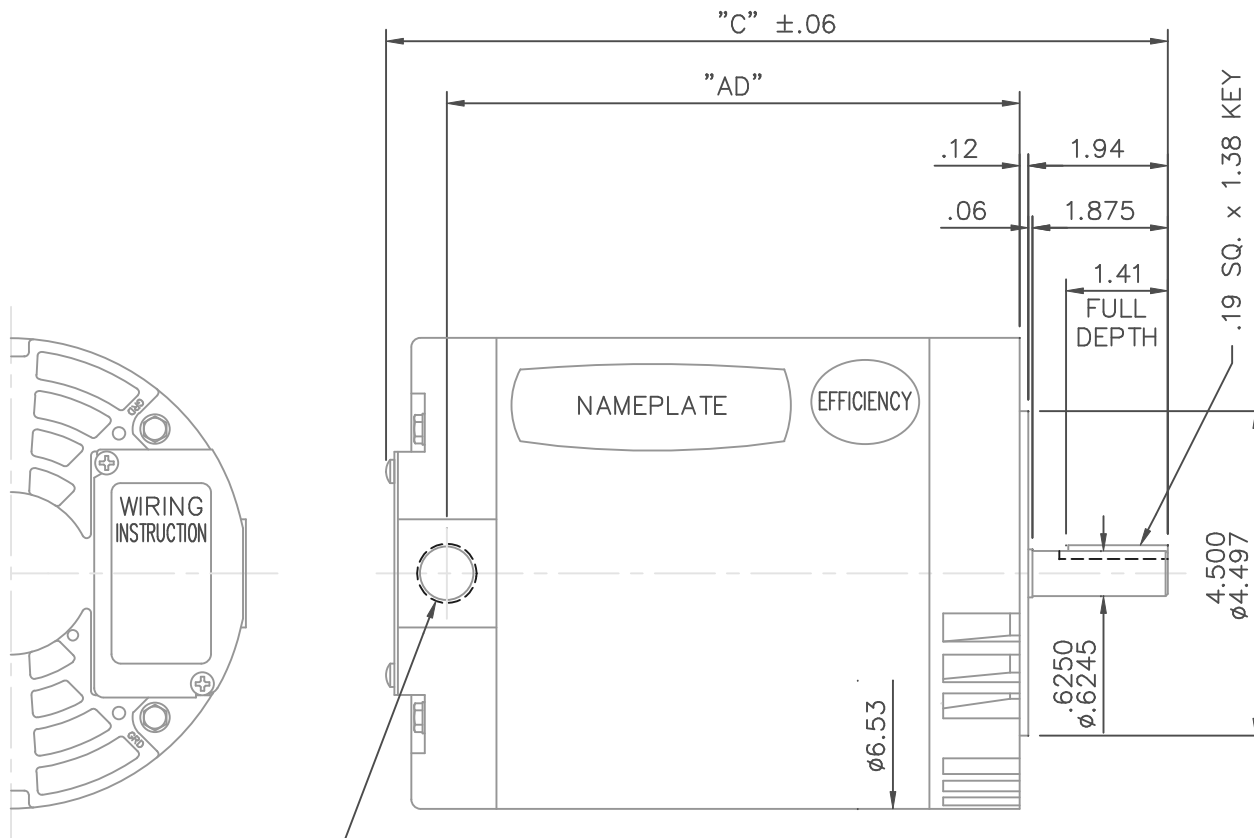


### Nameplate Specifications

Output HP	<b>0.50 Hp</b>	Output KW	<b>0.37 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>2.8/1.4 A</b>	Speed	<b>1140 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>66 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>B</b>
KVA Code	<b>J</b>	Frame	<b>56C</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>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>6</b>	Rotation	<b>Reversible</b>
Mounting	<b>Round</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>10.34 in</b>	Frame Length	<b>5.50 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>034998-550</b>	Connection Diagram	<b>005010.01</b>




(1) 1/2-14 NPT (PLUGGED)

(4) 3/8-16 UNC-2B X .56 DEEP ON A ø5.875 B.C.

DASH NO.	"C" ±.06	
	"C"	"AD"
500	9.84	6.94
550	10.34	7.44
600	10.84	7.94
650	11.34	8.44
700	11.84	8.94
750	12.34	9.44
800	12.84	9.94

MAXIMUM FACE RUNOUT .004 T.I.R.  
 MAXIMUM PILOT ECCENTRICITY .004 T.I.R.  
 PERMISSIBLE SHAFT RUNOUT .002 T.I.R.

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN BJB 06/04/03 CHK APPD RDW 06/04/003 SCALE 3=8 REF FMF PREV
				DEC.	INCHES		TITLE
				.X	±.1		OUTLINE - 56C FRAME DRIP PROOF - "C" FACE
				.XX	±.03		
				.XXX	±.005		
01	ADDED "DASH NO." 700, 750, & 800	BJB 06/10/04		.XXXX	±.0005	MAT'L.	
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	034998
				DIST	BRF-NLV	SIZE	DRAWING NO.
						A	034998
							REV.
							01

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	TITLE		CHK				
		.X	±.1	EXTERNAL WIRING DIAGRAM		APPD				
		.XX	±.01	3 PHASE W/O PROTECTOR		SCALE 1=1				
		.XXX	±.005	DECAL - 004014		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				
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	04/12/02	CAD FILE	00501001	SIZE	DRAWING NO.	REV.
				DIST	BRF-NLV	A		005010-01	A	



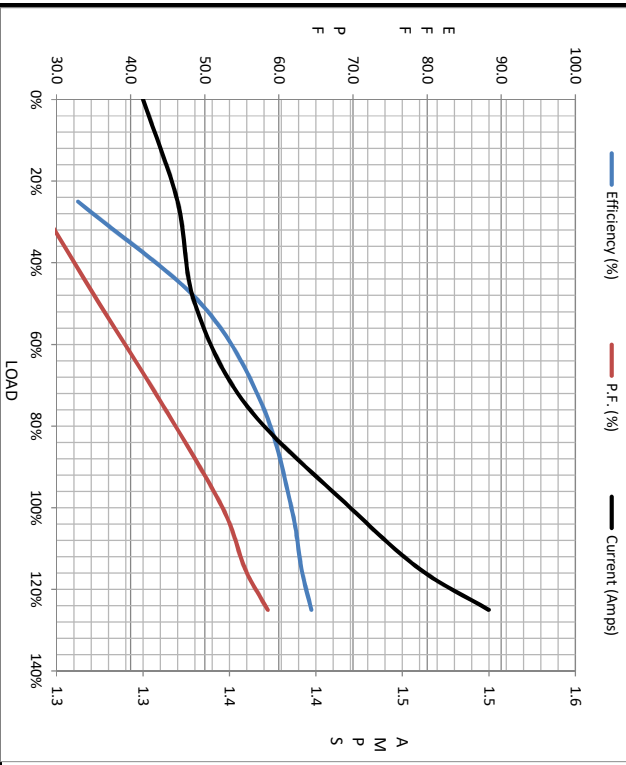
Motor Load Data						LR		
Load	0%	25%	50%	75%	100%	115%	125%	
Current (Amps)	1.30	1.32	1.33	1.36	1.42	1.46	1.50	4.6
Torque (ft-lb)	0.00	141	282	423	565	9,961	706	1,267
RPM	1200	1186	1173	1159	1144	1,137	1,127	0
Efficiency (%)		32.9	49.5	57.8	61.7	63.1	64.4	
P.F. (%)	18.0	27.4	35.8	44.4	52.4	55.5	58.5	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	600	1104	1144	1200
Current (Amps)	4.6	4.2	2.73	1.42	1.30
Torque (ft-lb)	1,267	1,261	1,584	565	0.00

Information Block

HP	0.5			
Sync. RPM	1200			
Frame	140			
Enclosure	DP			
Construction	NA			
Voltage	208-230/460 V			
Frequency	60 Hz			
Design	B			
LR Code letter	J			
Service Factor	1.15			
Temp Rise @ FL	0 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk <sup>2</sup>	0.06 LB-Ft <sup>2</sup>			
Ref Wdg	T63649 DR			
Sound Pressure @ 1M	999 dBA			
VFD Rating	NONE			
Outline Dwg	034998-550			
Conn. Diag	005010.01			
Additional Specifications:				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve

