

PRODUCT INFORMATION PACKET



Model No: C6T11FC10F

Catalog No: 112378.00

3/4HP..1140RPM.56.TEFC.208-230/460V.3PH.60HZ.CONT.NOT.40C.1.15SF.C FACE.GENERAL
PURPOSE.C6T11FC10F

Totally Enclosed Fan Cooled (TEFC)



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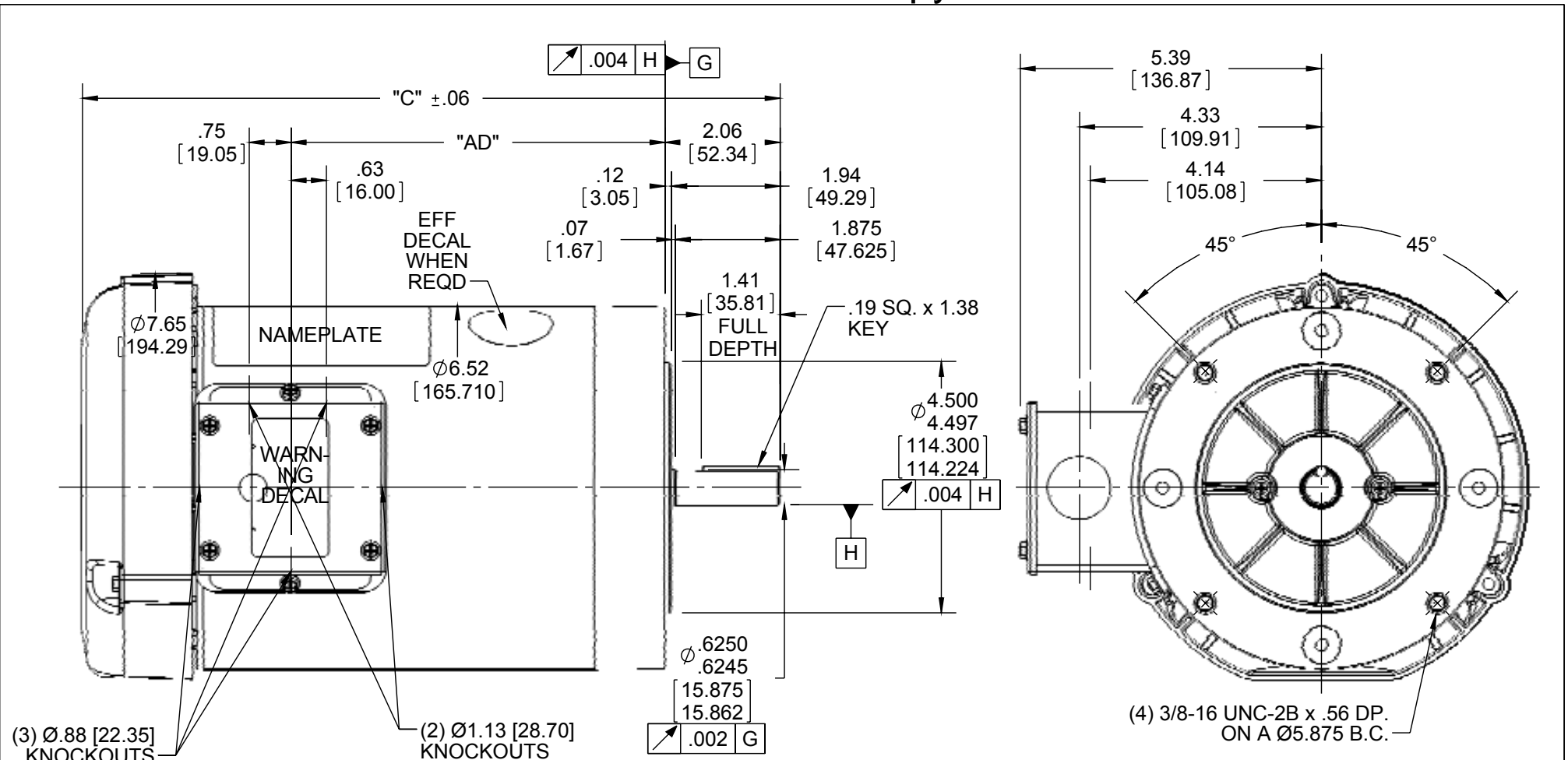
Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	3.0/1.5 A	Speed	1140 rpm
Service Factor	1.15	Phase	3
Efficiency	75.5 %	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	J	Frame	56C
Enclosure	Totally Enclosed Fan Cooled	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	6	Rotation	Reversible
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	11.48 in	Frame Length	6.00 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028776-600	Connection Diagram	005010.01

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NOTE:
1) GASKETS THROUGHOUT

ORACLE REV
004

DASH NO.	"C"	"AD"
450	9.98	4.19
500	10.48	4.69
550	10.98	5.19
600	11.48	5.69
625	11.73	5.94

DASH NO.	"C"	"AD"
650	11.98	6.19
675	12.23	6.44
700	12.48	6.69
750	12.98	7.19
800	13.48	7.69

DRAWING REVISION E
ECO ECO-0092098
ECO DESCRIPTION
ADDED #450 (114176)
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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 KMM
DATE 08/01/07
APPROVED BY
DATE
REFERENCE
THIRD ANGLE PROJECTION

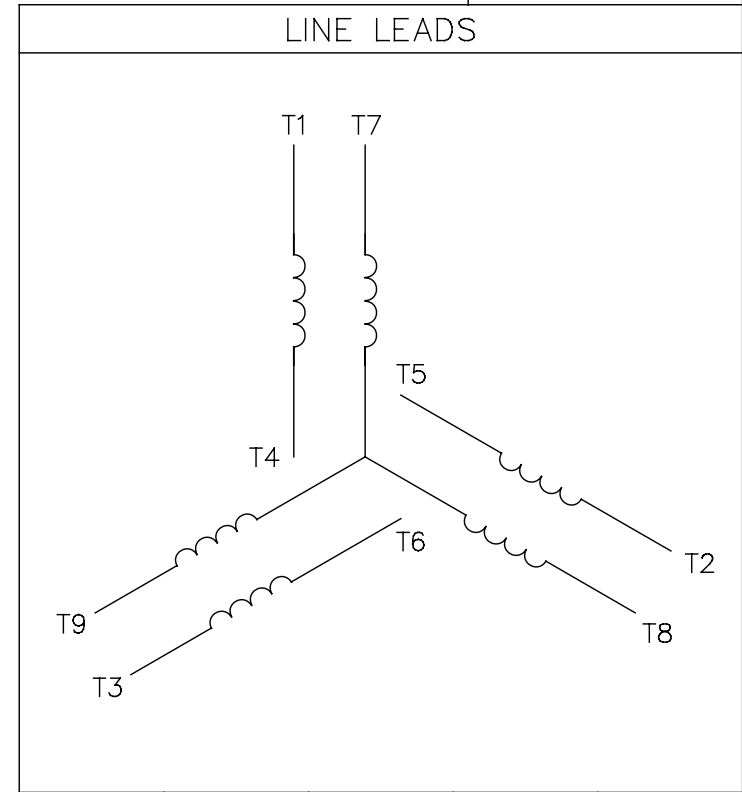
REGAL™ Regal Beloit America, Inc.

OUTLINE
56C FRAME TEFC - "C" FACE

SIZE A	DRAWING NUMBER 028776	SHEET 1 OF 1
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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 ™ Regal Beloit America, Inc.		DRAWN RDW 04/12/02		
				DEC.	INCHES			CHK		
				.X	±.1			APPD		
				.XX	±.01			SCALE 1=1		
				.XXX	±.005	TITLE		EXTERNAL WIRING DIAGRAM		
				.XXXX	±.0005	MAT'L.		DECAL - 004014		
				ANG	±1/2°	FINISH		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°	FINISH	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



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

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005010.01
OUTLINE: 028776-600
WINDING: T63642

CAT #: 112378.00

FR 3

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN	
0.75	0.56	1200	1155	56C	TEFC	NA	J	B	
PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60	208-230/460	3.05/1.5	ACROSS THE LINE	CONT	B	1.15	40	3300
F.L. EFF	F.L. PF		3/4 LD EFF	74.0	1/2 LD EFF	70.4	GTD EFF		ELECT. TYPE
	62.0		3/4 LD PF	50.0	1/2 LD PF	39.2	0.0		SO CAGE IND RUN
F.L. TORQUE		LR AMPS @ 460 V		L.R. TORQUE		B.D. TORQUE		F.L. RISE (°C)	
3.4 LB-FT		7.2		7.8 LB-FT	229%	10.5 LB-FT		309%	66
PRESSURE @3	DBA	POWER	ROTOR WK²	MAX. LOAD WK²	SAFE STALL TIME	STARTS/HOUR	MOTOR WGT		
999	1008	DBA	0.09 LB-FT²	0.1 LB-FT²	0 SEC.	0	0 LB.		

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	NO	NONE	NO	NONE	JE-LEESON/ENAM
BEARINGS DE	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL		
BALL BALL 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		
NONE	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 ODE		
0	0	0	0	0	0.150			

* NOT TESTED		INVERTER TORQUE: NONE	
		INV. HP SPEED RANGE: NONE	
		ENCODER: NONE	
		BRAKE: NONE	
		FT-LB: NA	
		VOLTAGE: NONE	
		HZ: NONE	

DATE:	1/24/2018	UL: Y-(LEESON UL REC)
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Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.15	1.19	1.26	1.37	1.52	1.60	1.68	7.2
Torque (ft-lb)	0.00	0.85	1.70	2.50	3.4	3.8	4.2	7.8
RPM	1200	1190	1180	1168	1155	1,150	1143	0
Efficiency (%)		60.7	70.4	74.0	75.5	77.0	78.4	
P.F. (%)	9.6	25.0	39.2	50.0	62.0	63.6	65.2	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	600	1104	1155	1200
Current (Amps)	7.2	6.6	4.3	1.52	1.15
Torque (ft-lb)	7.8	7.8	10.5	3.4	0.00

Information Block

HP	0.8			
Sync. RPM	1200			
Frame	140			
Enclosure	TEFC			
Construction	NA			
Voltage	208-230/460 V			
Frequency	60 Hz			
Design	B			
LR Code letter	J			
Service Factor	1.15			
Temp Rise @ FL	66 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.09 LB-Ft ²			
Rel Wdg	T63642 FR			
Sound Pressure @ 1M	999 dBA			
VFD Rating	NONE			
Outline Dwg	028776-600			
Conn. Diag	005010.01			
Additional Specifications:				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000

