

PRODUCT INFORMATION PACKET



Model No: C6T11FB3F

Catalog No: 110275.00

3/4HP..1140RPM.56.TEFC.208-230/460V.3PH.60HZ.CONT.NOT.40C.1.15SF.RIGID.GENERAL
PURPOSE.C6T11FB3F

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	56
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	54		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Rigid base	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	028781-600	Connection Diagram	005010.01

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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 Beloit America, Inc.		DRAWN RDW 04/12/02			
				DEC.	INCHES			CHK			
				.X	±.1			APPD			
				.XX	±.01			SCALE 1=1			
				.XXX	±.005	TITLE		REF FIG.2-51			
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L.		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: 028781-600
WINDING: T63642

CAT #: 110275.00

FR 3

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN	
0.75	0.56	1200	1155	56	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		75.5	3/4 LD EFF	74.0	1/2 LD EFF	70.4	GTD EFF	ELECT. TYPE	
F.L. PF		62.0	3/4 LD PF	50.0	1/2 LD PF	39.2	0.0	SQ 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	10.5 LB-FT		309%		
PRESSURE @3		POWER	ROTOR WK²	MAX. LOAD WK²	SAFE STALL TIME	STARTS/HOUR	MOTOR WGT		
999 DBA		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	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	NO	NONE	NO	NONE	JE-LEESON/ENAM
BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	MATERIAL	FRAME MATERIAL
DE	ODE	BALL	POLYREX EM	STANDARD 56	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL	
6203	6203							
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	0.080			

* NOT TESTED		INVERTER TORQUE: NONE		INV. HP SPEED RANGE: NONE	
ENCODER: NONE		BRAKE: NONE		NONE PPR	
NONE		NONE		NONE	
NONE		NONE		NONE	
NONE		NONE		NONE	

DATE:	1/29/2018	FT-LB:	NA	NONE	HZ:
UL: Y-(LEESON UL REC)		VOLTAGE:	NONE	NONE	



Motor Load Data									
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	028781-600
Conn. Diag	005010.01
Additional Specifications:	
0	
EQUIV CKT (OHMS / PHASE)	
R1	R2
0.0000	0.0000
X1	X2
0.0000	0.0000
Xm	Xm
0.0000	0.0000

