

PRODUCT INFORMATION PACKET



Model No: C6T17FK5G

Catalog No: 110916.00

3/4HP..1725RPM.56.TEFC.208-230/460V.3PH.60HZ.CONT.NOT.40C.1.15SF.RIGID C.GENERAL
PURPOSE.C6T17FK5G

Totally Enclosed Fan Cooled (TEFC)



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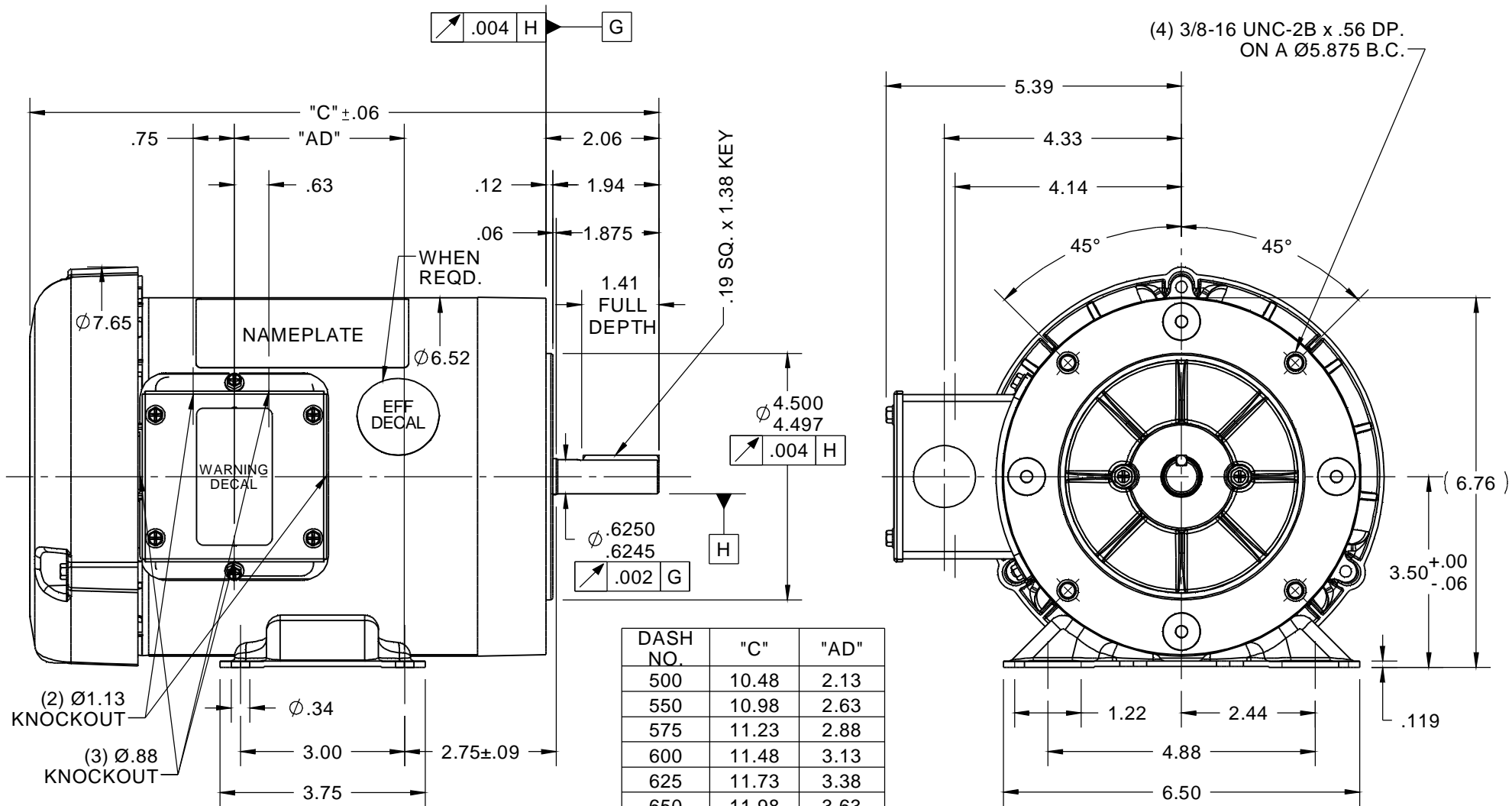


Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	2.8/1.4 A	Speed	1725 rpm
Service Factor	1.15	Phase	3
Efficiency	77 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	K	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	54		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	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	10.48 in	Frame Length	5.00 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028784-500	Connection Diagram	005010.01



NOTE:
1) GASKETS THROUGHOUT

DRAWING REVISION F	REVISION BY SAJID	DATE 06/01/2015
ECO ECO-0077371	APPROVED BY JD	DATE 06/01/2015

ECO DESCRIPTION
ADDED WHEN REQD. NOTE ON EFF.DECAL & DASH# 750

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ORACLE REV 004	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH. mm ANGLE .X ±0.1 [±2.5] ±0.5° .XX ±0.03 [±0.76] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45° CORNER FILLETS: R.02 [0.51] MACHINED SURFACES: 125/3.2 INCH/mm mm SHOWN IN [BRACKETS]
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DRAWN BY KMM 08/14/07	DATE
APPROVED BY	DATE
REFERENCE 028784	THIRD ANGLE PROJECTION

Regal Beloit America, Inc.	
DESCRIPTION OUTLINE TEFC - RIGID "C" FACE	
MATERIAL	PROCESS/FINISH GENERAL PURPOSE
SIZE A	DRAWING NUMBER 028784
SHEET 1 OF 1	

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	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		SCALE 1=1			
				.XXX	±.005			REF FIG.2-51			
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L DECAL - 004014		FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV			
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				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: 028784-500
WINDING: T634188

CAT #: 110916.00

FR 3

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN		
0.75	0.56	1800	1745	56C	TEFC	TFR	K	B		
PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.	
3	60	208-230/460	2.8/1.4	ACROSS THE LINE	CONT	F	1.15	40	3300	
F.L. EFF	F.L. PF	3/4 LD EFF	7/5.6	1/2 LD EFF	70.3	GTD EFF	ELECT. TYPE			
	64.6	3/4 LD PF	54.7	1/2 LD PF	42.5	0.0	SQ CAGE IND RUN			
F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE		F.L. RISE (°C)					
574 LB-FT	8.1	1,691 LB-FT	295%	2,137 LB-FT	372%	60				
PRESSURE @ 3	POWER	ROTOR WK ²	MAX. LOAD WK ²	SAFE STALL TIME	STARTS/HOUR	MOTOR WGT				
52 DBA	61 DBA	0.06 LB-FT ²	0.1 LB-FT ²	10 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	RIGID	HORIZONTAL	NO	NONE	NO	NONE	JE-LEESON/ENAM
BEARINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	MATERIAL	FRAME MATERIAL	
DE BALL 6203	BALL 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
0	0	0	0	0	0.080	ODE

* N O T E S *		INVERTER TORQUE: NONE	
		INV. HP SPEED RANGE: NONE	
		ENCODER: NONE	
		BRAKE: NONE	
		FT-LB: NA	
		VOLTAGE: NONE	
		HZ: NONE	

DATE: 1/18/2018	UL: Y-(LEESON UL REC)
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