

# PRODUCT INFORMATION PACKET



Model No: C6T17WC40A  
Catalog No: 191508.00  
3/4 HP 1800RPM 208-230/460 TEFC 3PH 60HZ SS C FACE NO BASE  
Paint Free



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### Nameplate Specifications

Output HP	<b>0.75 Hp</b>	Output KW	<b>0.56 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>2.4-2.3/1.2 A</b>	Speed	<b>1740 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>82.5 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Design Code	<b>B</b>
KVA Code	<b>L</b>	Frame	<b>56C</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6205</b>
Opp Drive End Bearing Size	<b>6205</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>43</b>		

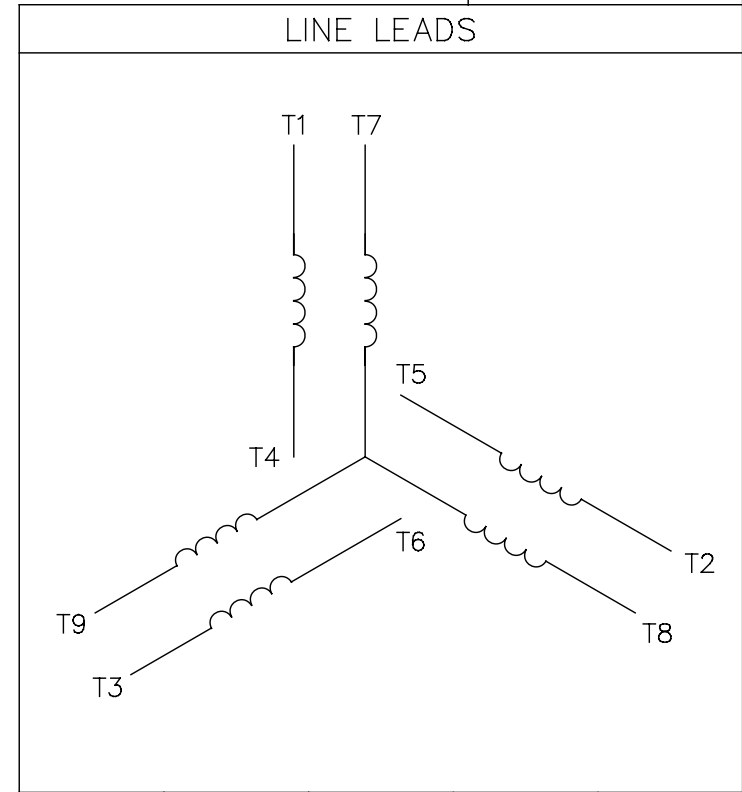
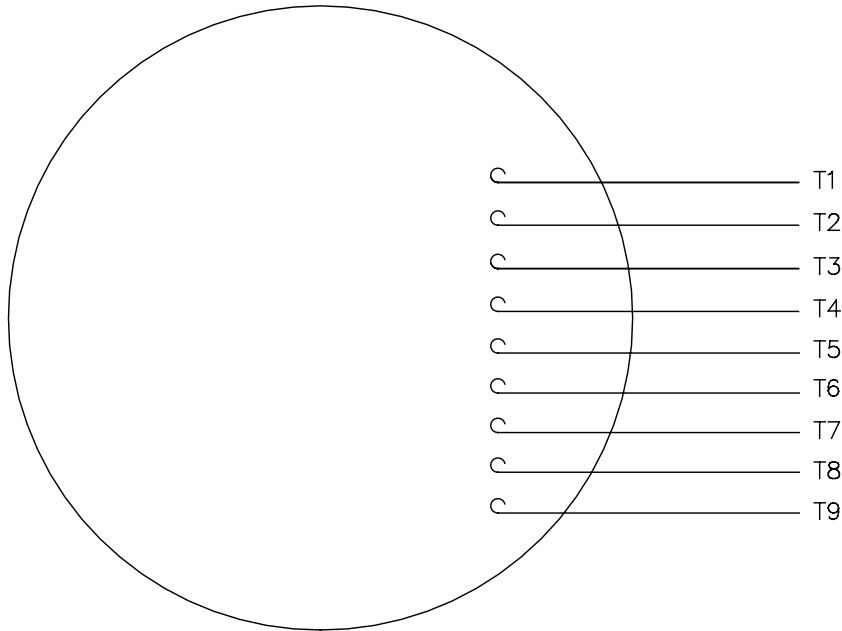
### Technical Specifications

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>Rigid base</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Stainless Steel</b>	Shaft Type	<b>T</b>
Overall Length	<b>11.20 in</b>	Frame Length	<b>5.49 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>N/A</b>	Connection Diagram	<b>005010.01</b>

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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		<b>Regal Beloit America, Inc.</b>		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: N/A  
WINDING: QT63949

FR 3

CAT #: 191508.00

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	0.75	0.56	1800	1752	56C	TEFC	NA	L	B
FL RPM	FL RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN			
PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.	
3	60/50	208-230/460#190/380	2.4-2.3/1.15&2/1	ACROSS THE LINE	CONT	F	1.15	40	3300	
F.L. EFF	82.6	3/4 LD EFF	84.0	1/2 LD EFF	80.9	GTD EFF				
F.L. PF	74.0	3/4 LD PF	63.1	1/2 LD PF	50.6	0.0				SO CAGE IND RUN
F.L. TORQUE	LR AMPS @ 460 V	9.3	1,857	LB-FT	322%	B.D. TORQUE	2,610	LB-FT	453%	0
576	LB-FT									
PRESSURE @ 3	POWER	ROTOR WK <sup>2</sup>	MAX. LOAD WK <sup>2</sup>	SAFE STALL TIME	STARTS/HOUR	MOTOR WGT				
0	DBA	9	DBA	-1.00	LB-FT <sup>2</sup>	0	LB-FT <sup>2</sup>	0	SEC.	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	NO PAINT
BEARINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL		
DE	ODE							
BALL	BALL	POLYREX EM	T	NONE	303 STAINLESS (C-501)	STAINLESS STEEL		
6205	6205							
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		

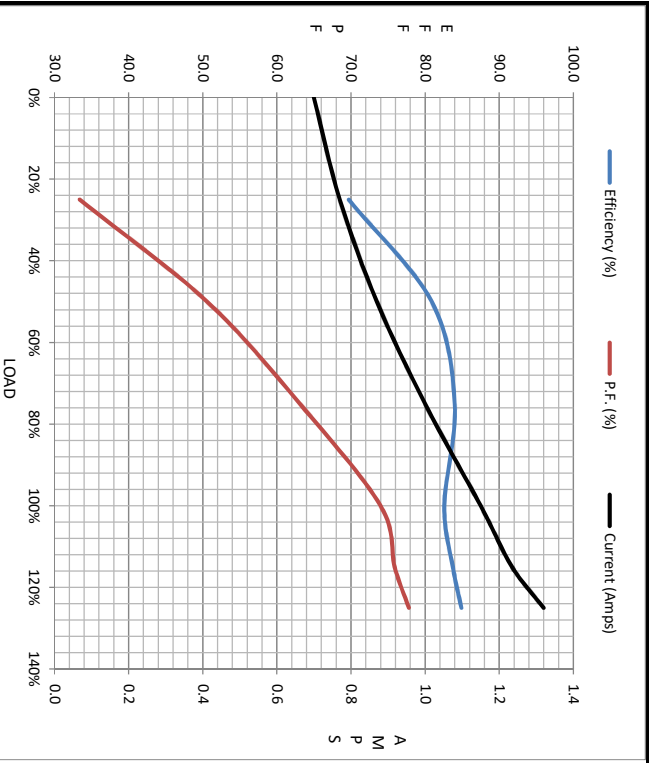
* NOT TESTED		INVERTER TORQUE: NONE
		INV. HP SPEED RANGE: NONE
		ENCODER: NONE
		NONE
		BRAKE: NONE
		NONE
		FT-LB: NA
		NONE
		VOLTAGE: NONE
		NONE
		UL: Y-(LEESON UL REC)

DATE:	1/31/2018	HZ:	
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Motor Load Data						Data @ 460 V		
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	0.70	0.77	0.87	1.00	1.15	1.24	1.32	9.3
Torque (ft-lb)	0.00	144	288	432	576	10,384	721	1,857
RPM	1800	1787	1776	1763	1752	1,746	1,738	0
Efficiency (%)		69.7	80.9	84.0	82.6	83.8	84.9	
P.F. (%)	14.0	33.4	50.6	63.1	74.0	75.9	77.8	0.0

Motor Speed Data						Information Block																				
	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:
Speed (RPM)	0	900	1656	1752	1800	0.8	1800	56	TEFC	NA	208-230/460#190/380	60	B	L	1.15	0	CONT	40	1,000	OT16349 FR	0	dB(A)	NONE	N/A	005010.01	
Current (Amps)	9.3	8.6	5.6	1.15	0.70																					
Torque (ft-lb)	1,857	1,809	2,610	576	0.00																					



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

