

PRODUCT INFORMATION PACKET



Model No: C6T17WK40A

Catalog No: 191950.00

..3/4HP..1800RPM.56C.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID C.....STAINLESS
WASHDOWN.....

Paint Free



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Nameplate Specifications

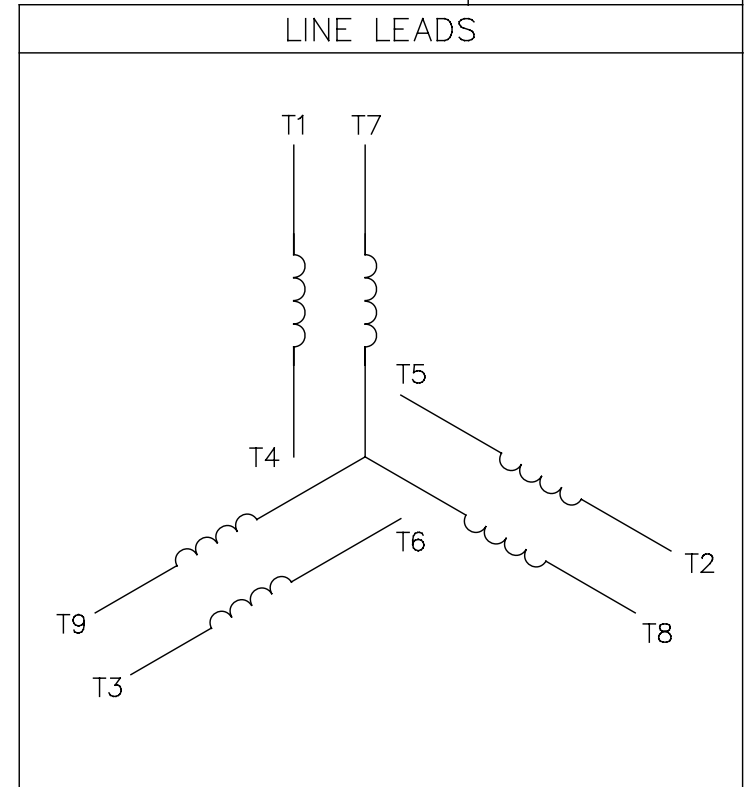
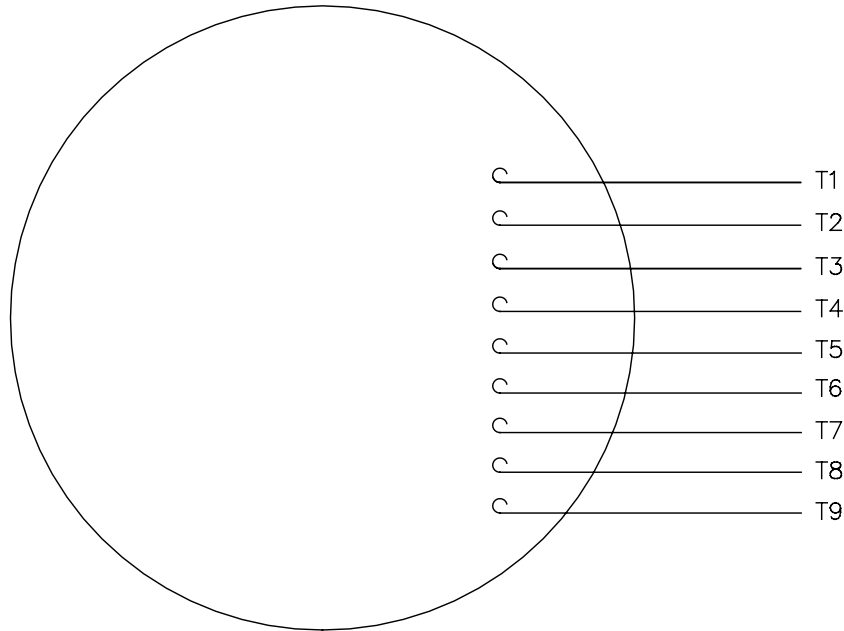
Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	2.4-2.3/1.2 A	Speed	1740 rpm
Service Factor	1.15	Phase	3
Efficiency	82.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	L	Frame	56C
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature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

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	Stainless Steel	Shaft Type	T
Overall Length	13.77 in	Frame Length	5.49 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	TBD	Connection Diagram	005010.01

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 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 3 PHASE W/O PROTECTOR			REF FIG.2-51		
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005				MAT'L DECAL - 004014		
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

2/1/2018

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Data@ 460 V

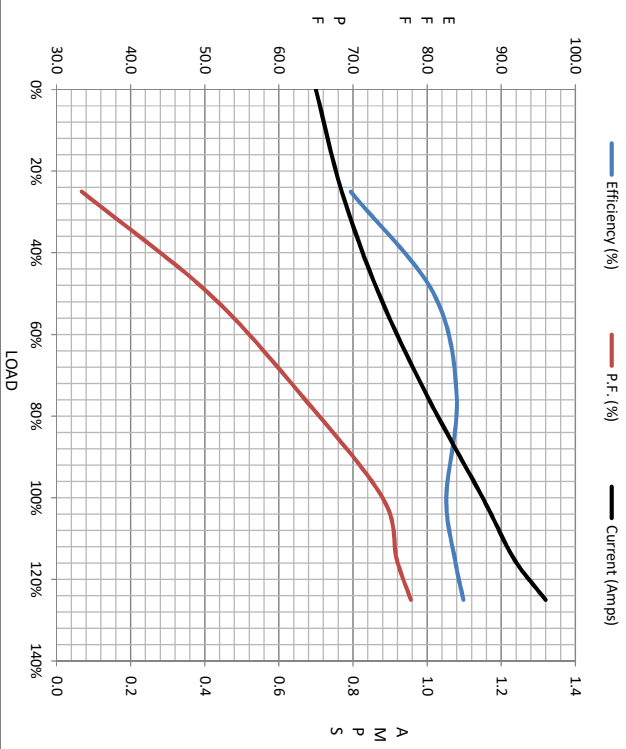
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	0.70	0.77	0.87	1.00	1.15	1.24	1.32	9.3
Torque (ft-lb)	0.00	144	288	432	576	10,384	721	1,857
RPM	1800	1787	1776	1763	1752	1746	1738	0
Efficiency (%)		69.7	80.9	84.0	82.6	83.8	84.9	
F. (%)	14.0	33.4	50.6	63.1	74.0	75.9	77.8	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle	Information Block
Speed (RPM)	0	900	1656	1752	1800	
Current (Amps)	9.3	8.6	5.6	1.15	0.70	
Torque (ft-lb)	1.857	1.809	2.610	576	0.00	
					HP	
					0.8	
					Sync. RPM	
					1800	

Information Block

HP		0.8			
Sync. RPM		1800			
Frame		56			
Enclosure		TEFC			
Construction		NA			
Voltage		208-230/460#190/380		V	
Frequency		60		Hz	
Design		B			
LR Code letter		L			
Service Factor		1.15			
Temp Rise @ FL		0		° C	
Duty		CONT			
Ambient		40		° C	
Elevation		1,000		feet	
Rotor/Shaft wkt		-1.00		Lb-Ft²	
Ref Wdg		QT6349 FR			
Sound Pressure @ 1M		0		dBA	
VFD Rating		NONE			
Outline Dwg		TBD			
Corn. Diag		005010.01			
Additional Specifications:					
0					
0					
EQUIV CKT (OHMS / PHASE)					
R1	R2	X1	X2	Xm	
0.0000	0.0000	0.0000	0.0000	0.0000	



Speed -Torque Curve

