

PRODUCT INFORMATION PACKET



Model No: C213T34WK4A

Catalog No: 140825.00

..7 1/2HP..3510RPM.213TC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID
C.C213T34WK4A.....WASHGUARD-ALL STAINLESS.NOT.....

3 Phase



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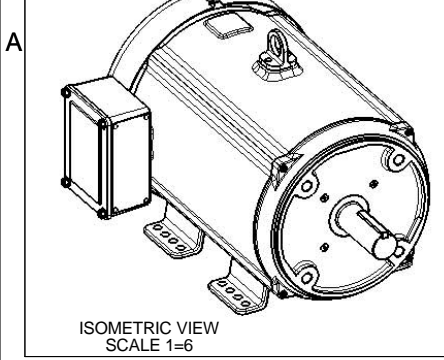
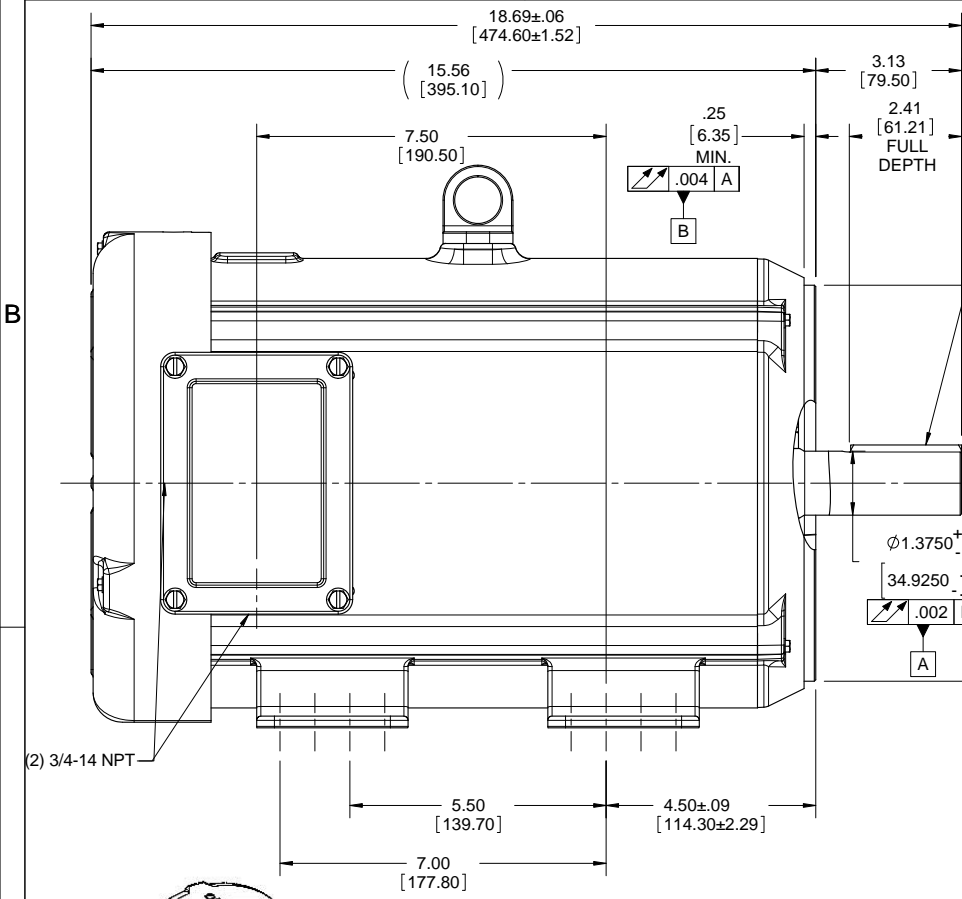


Nameplate Specifications

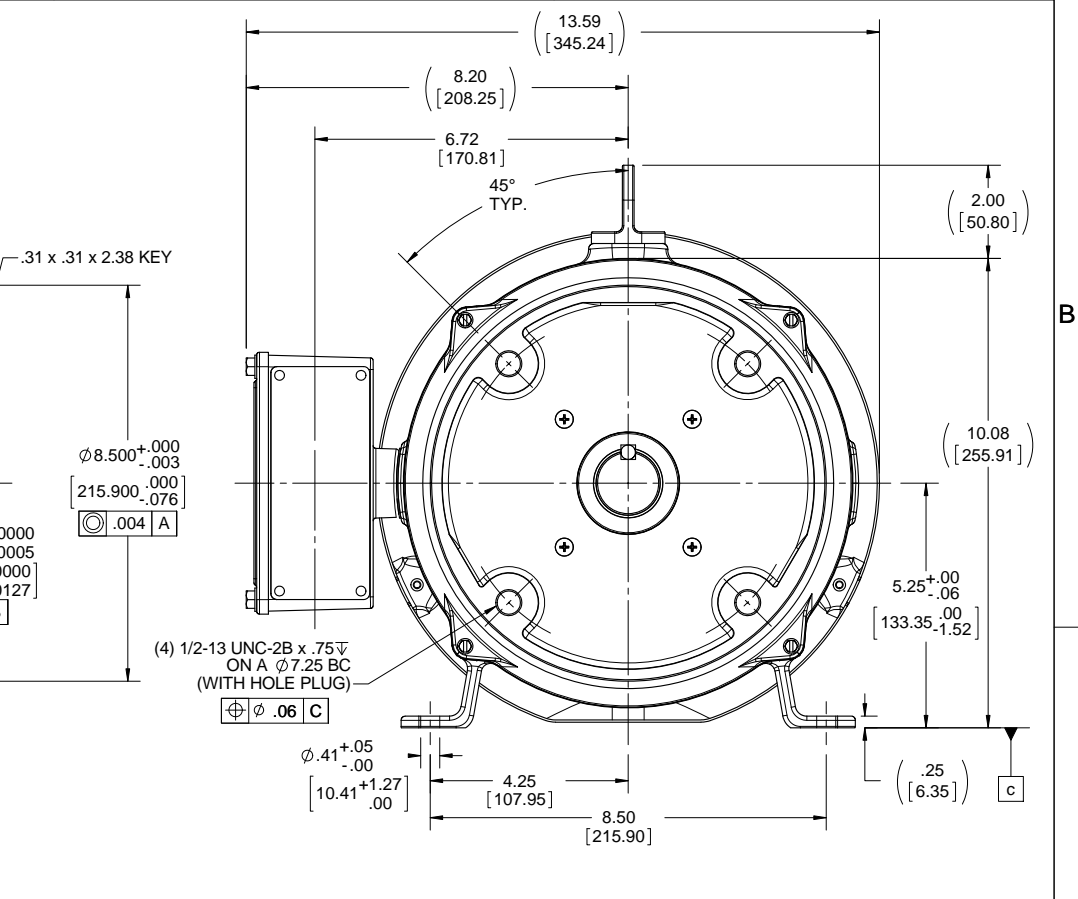
Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	230/460 V
Current	17.8/8.9 A	Speed	3540 rpm
Service Factor	1.15	Phase	3
Efficiency	90.2 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	H	Frame	213TC
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6209
Opp Drive End Bearing Size	6207	UL	Recognized
CSA	Y	CE	Y
IP Code	56		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	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	18.69 in	Frame Length	12.00 in
Shaft Diameter	1.375 in	Shaft Extension	3.38 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	037616	Connection Diagram	005010.01



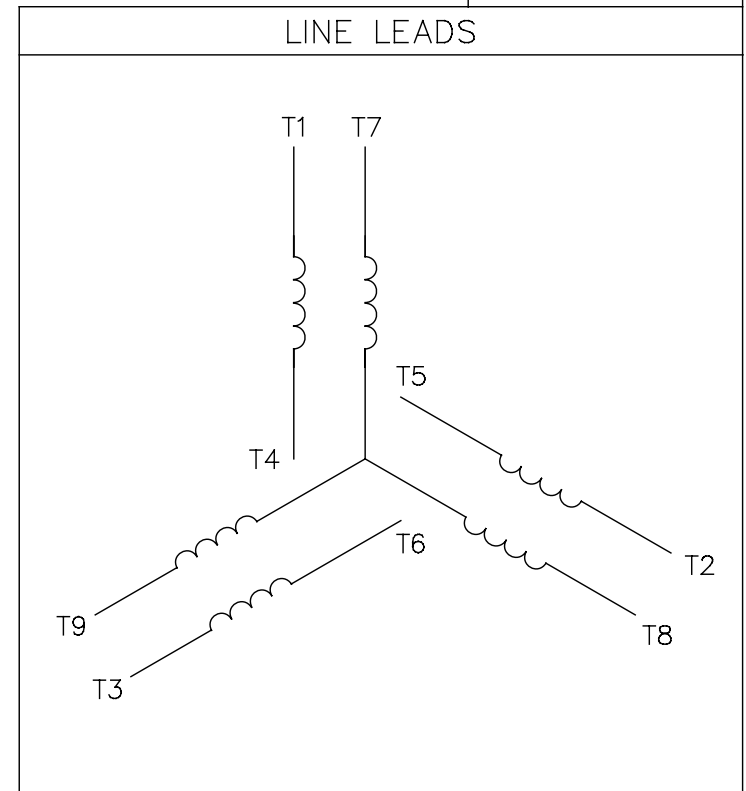
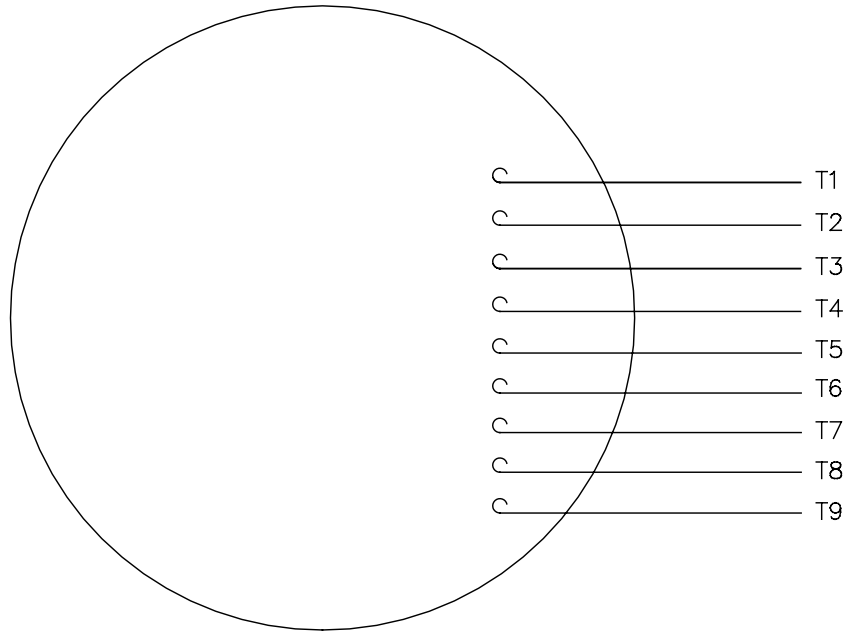
ISOMETRIC VIEW
SCALE 1=6



DRAWING REVISION E	REVISION BY M. VERBICK	DATE 5-29-2015	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE ±0.5°	DRAWN BY JJK	Regal Beloit America, Inc.
ECO-0078542	APPROVED BY	DATE	.X ±0.1 [+2.5]	DATE 06-14-2004	
ECO DESCRIPTION TITLE BLOCK LOGO CHANGE			.XX ±0.03 [+0.76]	APPROVED BY	OUTLINE TEFC - RIGID "C"
<small>COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. (OWNER) AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.</small>			.XXX ±0.005 [+0.127]	DATE	
			.XXXX ±0.0005 [+0.0127]	REFERENCE OLG140675-00	
			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45° CORNER FILLETS: R.02 [.51]	MATERIAL WASHGUARD ALL STAINLESS STEEL MOTOR	PROCESS/FINISH
			MACHINED SURFACES: 125/3.2 INCH/mm	SIZE B	DRAWING NUMBER 037616
			mm SHOWN IN [BRACKETS]	THIRD ANGLE PROJECTION	SHEET 1 OF 1

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



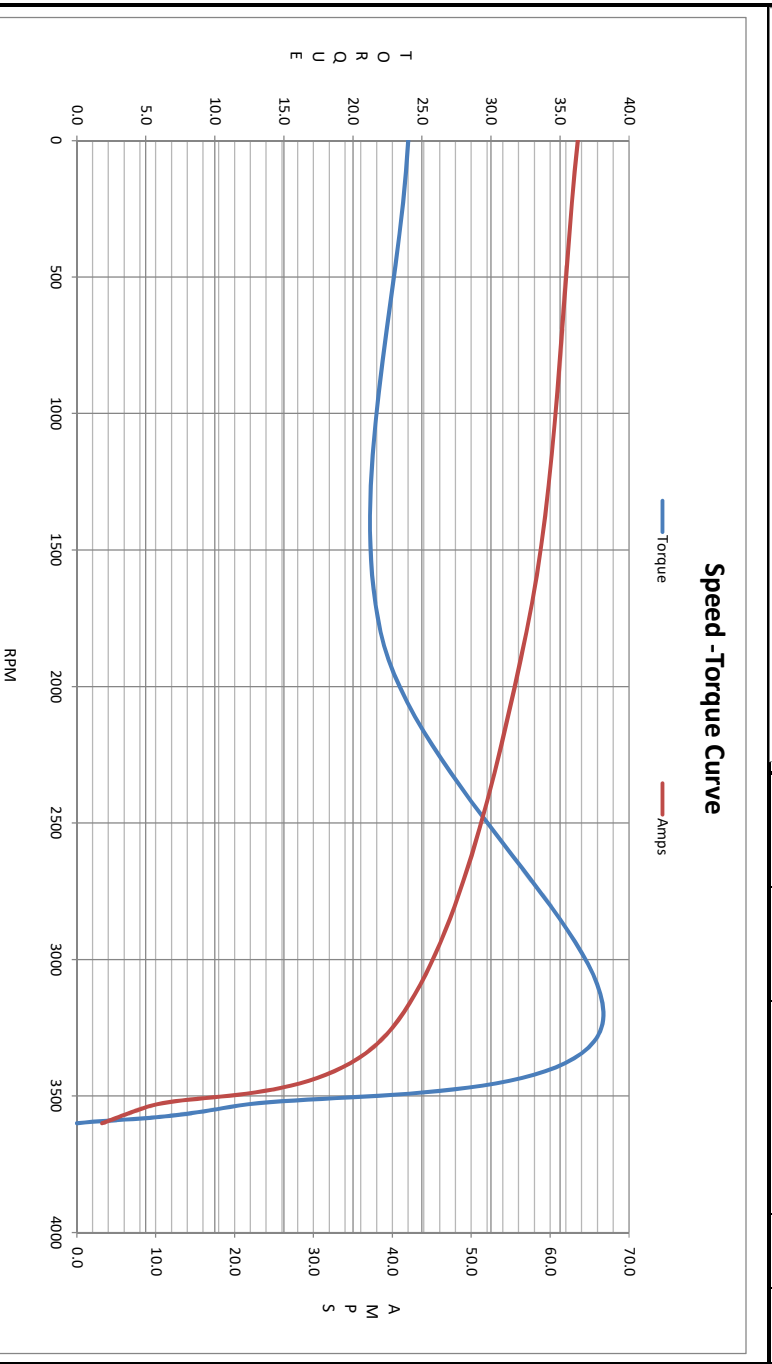
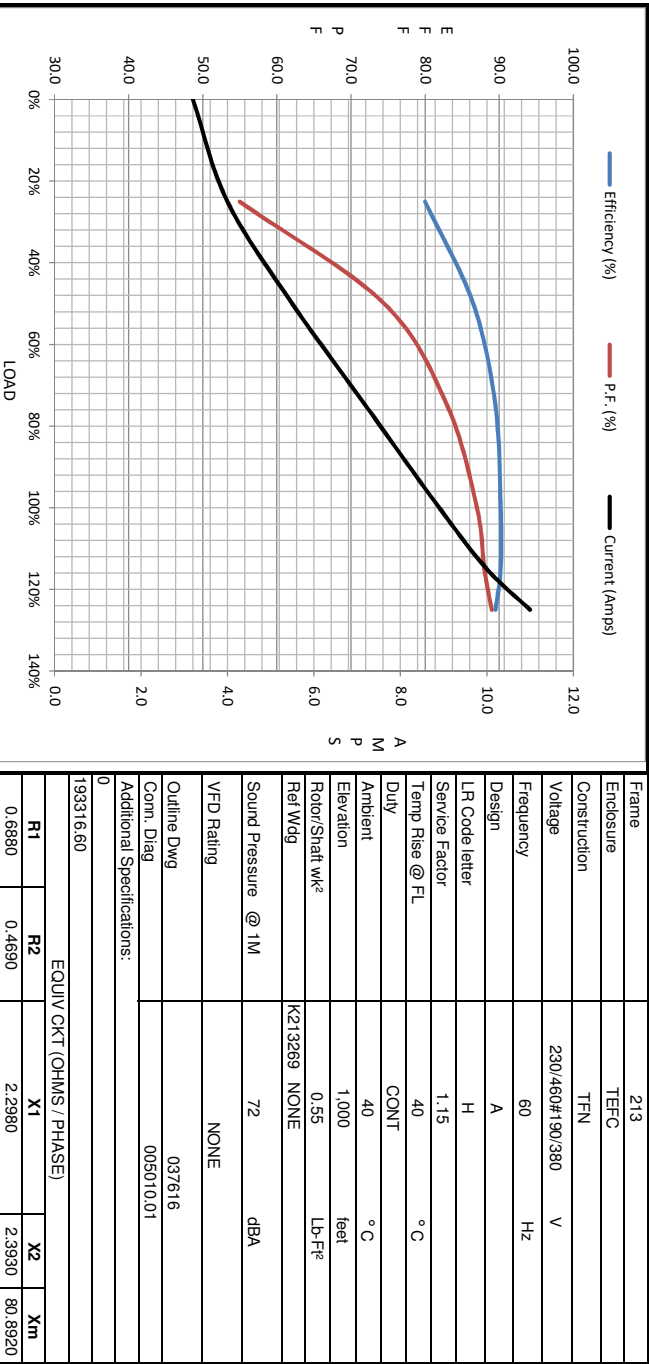
VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		REGAL ™ Regal Beloit America, Inc.		DRAWN RDW 04/12/02				
				DEC.	INCHES			CHK				
				.X	±.1			APPD				
				.XX	±.01			SCALE 1=1				
				.XXX	±.005	TITLE		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			
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



Motor Load Data									
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	3.2	4.0	5.5	7.2	8.9	10.0	11.0	63.5	
Torque (ft-lb)	0.00	2.50	5.5	8.5	11.1	12.5	14.0	24.0	
RPM	3600	3585	3575	3560	3540	3535	3530	0	
Efficiency (%)		80.0	86.5	89.5	90.2	90.2	89.5		
P.F. (%)	12.0	55.0	74.5	83.0	87.0	88.0	89.0	40.0	

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 ²	Ref Wdg	Sound Pressure @ 1M	VFD Rating	Outline Dwg	Conn. Diag	Additional Specifications:	
Speed (RPM)	0	1800	3250	3540	3600	7.5	3600	213	TEFC	TFN	230/460#190/380	60	A	H	1.15	40	CONT	40	1,000	0.55	NONE	72	NONE	037616	005010.01		
Current (Amps)	63.5	57.0	40.0	8.9	3.2																						
Torque (ft-lb)	24.0	22.0	38.0	11.1	0.00																						



EQUIV CKT (OHMS / PHASE)			
R1	R2	X1	Xm
0.6880	0.4690	2.2980	2.3980
			80.8920