

# PRODUCT INFORMATION PACKET



Model No: C215T17WK19A

Catalog No: 194007.00

..10HP..1800RPM.215TC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15S.F..RIGID C FACE.....STAINLESS  
WASHDOWN.NOT.....

Paint Free



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**Nameplate Specifications**

Output HP	<b>10 Hp</b>	Output KW	<b>7.5 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>25.2/12.6 A</b>	Speed	<b>1745 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>91.7 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Design Code	<b>B</b>
KVA Code	<b>H</b>	Frame	<b>215TC</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6306</b>
Opp Drive End Bearing Size	<b>6306</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>55</b>		

**Technical Specifications**

Electrical Type	<b>Squirrel Cage Inverter Rated</b>	Starting Method	<b>Line Or Inverter</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>21.57 in</b>	Frame Length	<b>13.39 in</b>
Shaft Diameter	<b>1.375 in</b>	Shaft Extension	<b>3.38 in</b>
Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>		
Outline Drawing	<b>OL210TCSST</b>	Connection Diagram	<b>005010.01</b>



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.	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	





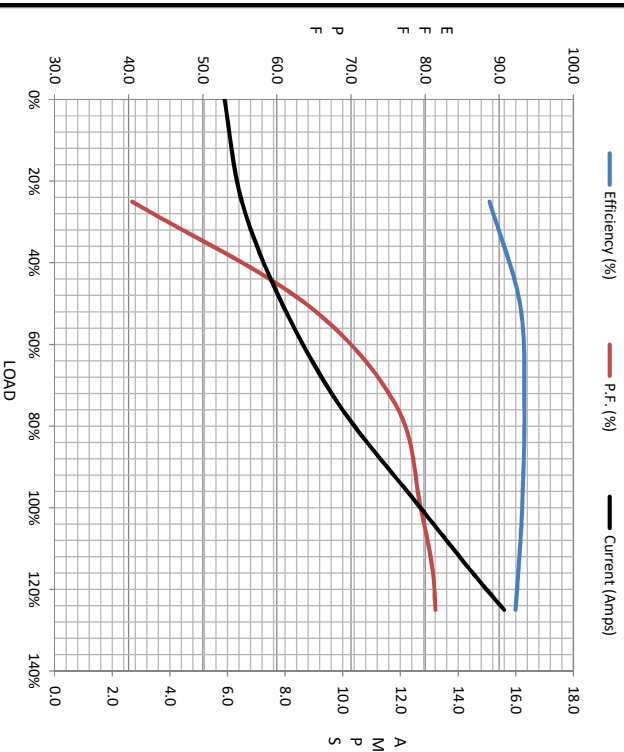
Motor Load Data						LR	
Load	0%	25%	50%	75%	100%	115%	125%
Current (Amps)	5.9	6.5	7.9	9.9	12.7	14.4	15.6
Torque (ft-lb)	0.00	7.3	14.7	22.2	29.7	34.3	37.3
RPM	1800	1793	1786	1779	1771	1765	1762
Efficiency (%)		88.7	92.8	93.4	93.1	92.6	92.2
P.F. (%)	6.0	40.5	63.9	76.1	79.4	81.0	81.4

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1656	1771	1800
Current (Amps)	78.7	72.4	47.2	12.7	5.9
Torque (ft-lb)	60.0	51.7	84.3	29.7	0.00

Information Block

HP	10.0
Sync. RPM	1800
Frame	215
Enclosure	TEFC
Construction	NA
Voltage	230/460#190/380 V
Frequency	60 Hz
Design	B
LR Code letter	H
Service Factor	1.15
Temp Rise @ FL	67 °C
Duty	CONT
Ambient	40 °C
Elevation	1,000 feet
Rotor/Shaft wk <sup>2</sup>	0.00 LB-Ft <sup>2</sup>
Ref Wdg	QT12104 FR
Sound Pressure @ 1M	0 dBA
VFD Rating	VARIABLE 10:1
Outline Dwg	OL210TCSST
Conn. Diag	005010.01
Additional Specifications:	
0	
EQUIV CKT (OHMS / PHASE)	
R1	R2
0.0000	0.0000
X1	X2
0.0000	0.0000
Xm	0.0000



Speed - Torque Curve

