

PRODUCT INFORMATION PACKET



Model No: C213T17FB34A

Catalog No: 141289.00

..7.5HP..1800RPM.213T.TEFC.200/400-416V.3PH.60HZ.CONT.40C.1.15 S.F..RIGID.....SPECIAL
VOLTAGE.....
200/400 Volts



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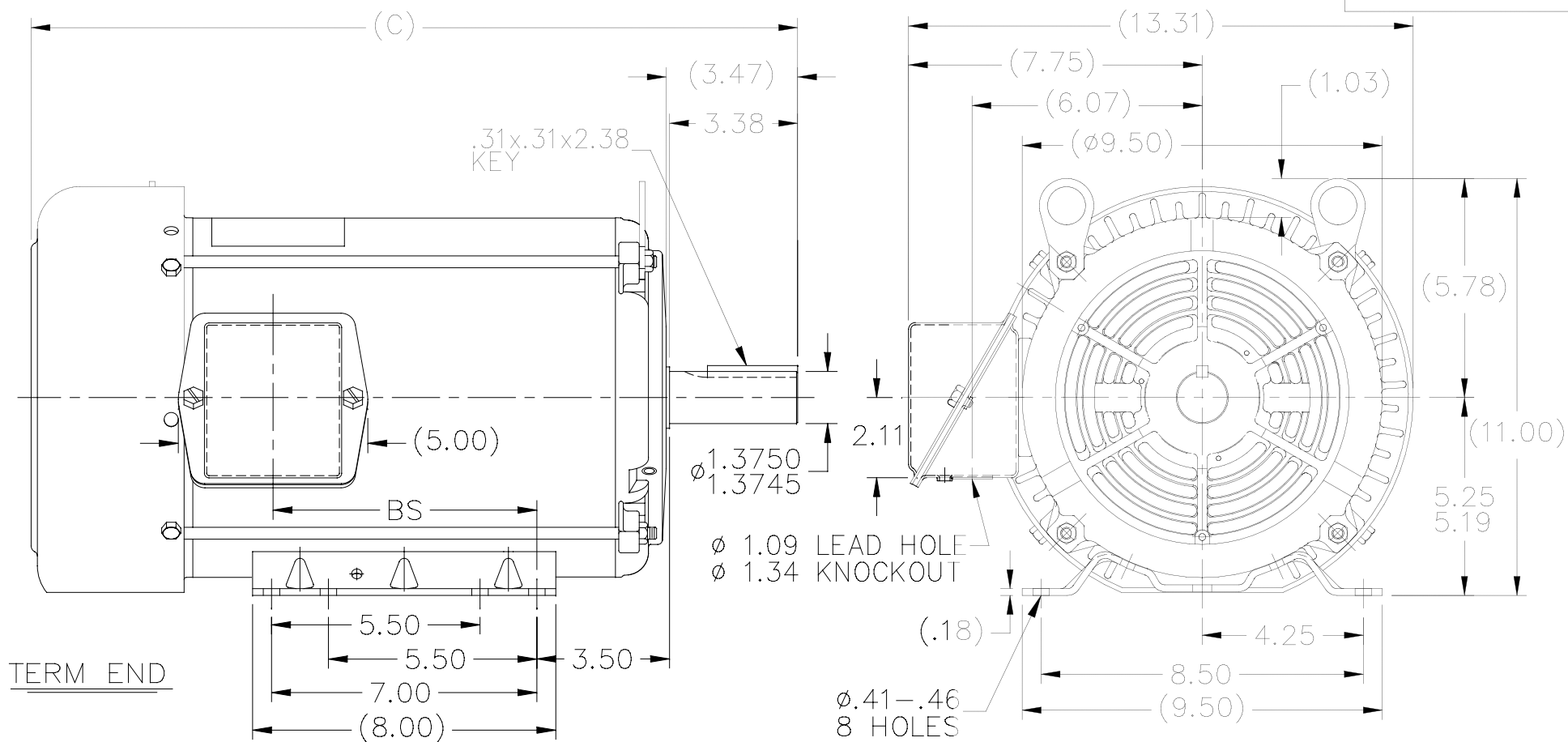
Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	200/400 V
Current	22.6/11.3 A	Speed	1765 rpm
Service Factor	1.15	Phase	3
Efficiency	91.7 %	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	6207
Opp Drive End Bearing Size	6206	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	Rolled Steel	Shaft Type	T
Overall Length	18.73 in	Frame Length	9.65 in
Shaft Diameter	1.375 in	Shaft Extension	3.38 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	SS86560-965	Connection Diagram	005010.01

SS86560



NOTES:

1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. BOX CAN BE MOUNTED IN 90° STEPS.
3. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°. (EXCEPT AS NOTED.)

DASH	FR.	C	BS	MOUNTING
965	213/15T	18.73	5.43	
1115	213/15T	20.23	6.93	
1240	213/15T	21.48	8.18	F1 ONLY

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED	FINISH	CAD FILE ss86560	SIZE	DRAWING NO.	PAGE	OF	REV.	
													RFP
7	TITLE BLOCK LOGO CHANGE PER ECO-0078542	MDV 06/09/2015											DRAWN DA 08-26-1994
6	RE-ISSUED: REDRAWN AND REVISED DASH 965	ERH 12-04-2003			DEC.								CHK ML 08-29-1994
5	UPDATED C'BOX GEOMETRY CN 28425	DRS 01-31-2000			.X	±.1							APPD DRN 08-29-1994
4	REMOVED GRD. SCREW FROM FRAME CN 24453	MJD 10-01-1997			.XX	±.03	TITLE OUTLINE						SCALE 1=4
3	REV.(13.21) WAS (12.39)&(3.47) WAS 3.47 CN23925-481	MH 09-10-1997			.XXX	±.005	210T FR. - BB - TS - TEFC - R/S						REF
2	UPDATED PER REDESIGN CN 21725-775	DA 08-13-1996			.XXXX	±.0005	MAT'L.						FMF
					±7'30"								PREV

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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		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



Motor Load Data

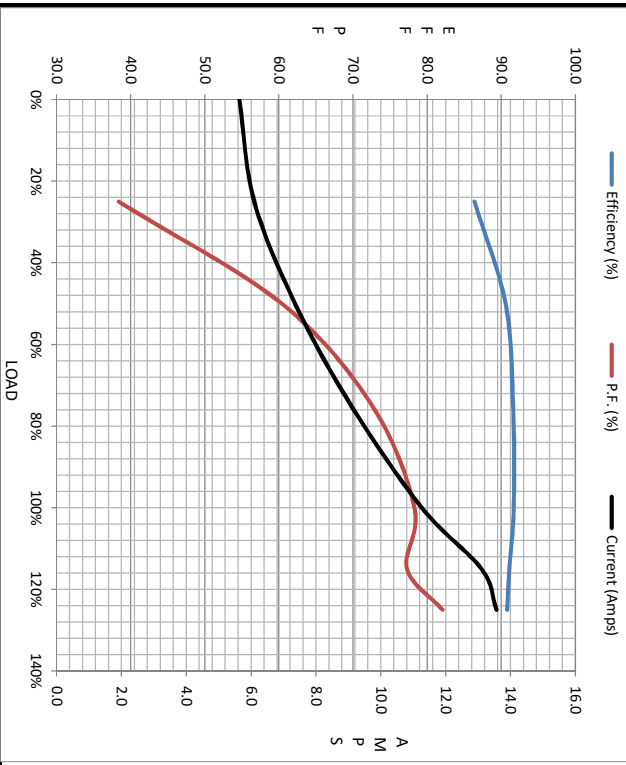
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	5.6	6.1	7.4	9.1	11.3	13.1	13.6	77.6
Torque (ft-lb)	0.00	5.5	11.0	16.6	22.3	25.5	28.0	52.9
RPM	1800	1792	1785	1775	1765	1765	1762	0
Efficiency (%)		86.4	90.6	91.6	91.7	91.1	90.8	
P.F. (%)	4.9	38.4	60.4	72.6	78.3	77.3	82.1	42.6

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1600	1765	1800
Current (Amps)	77.6	65.6	47.2	11.3	5.6
Torque (ft-lb)	52.9	49.0	75.0	22.3	0.00

Information Block

HP	7.5			
Sync. RPM	1800			
Frame	213			
Enclosure	TEFC			
Construction	TFW			
Voltage	200/400 V			
Frequency	60 Hz			
Design	B			
LR Code letter	H			
Service Factor	1.15			
Temp Rise @ FL	55 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.85 LB-Ft ²			
Ref Wdg	K2134279 R1			
Sound Pressure @ 1M	62 dBA			
VFD Rating	NONE			
Outline Dwg	SS86560-9650			
Conn. Diag	005010.01			
Additional Specifications:				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.5/50	0.8380	1.8590	2.3990	38.1200



Speed - Torque Curve

