

PRODUCT INFORMATION PACKET



Model No: C184T34FB24A

Catalog No: 132254.00

..5HP..3515.184T.TEFC.575V.3PH.60HZ.CONT.40C.1.25SF.RIGID.C184T34FB24A.....
575 Volts



Regal and Leeson are trademarks of Regal Beloit Corporation or one of its affiliated companies.

©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E

REGAL



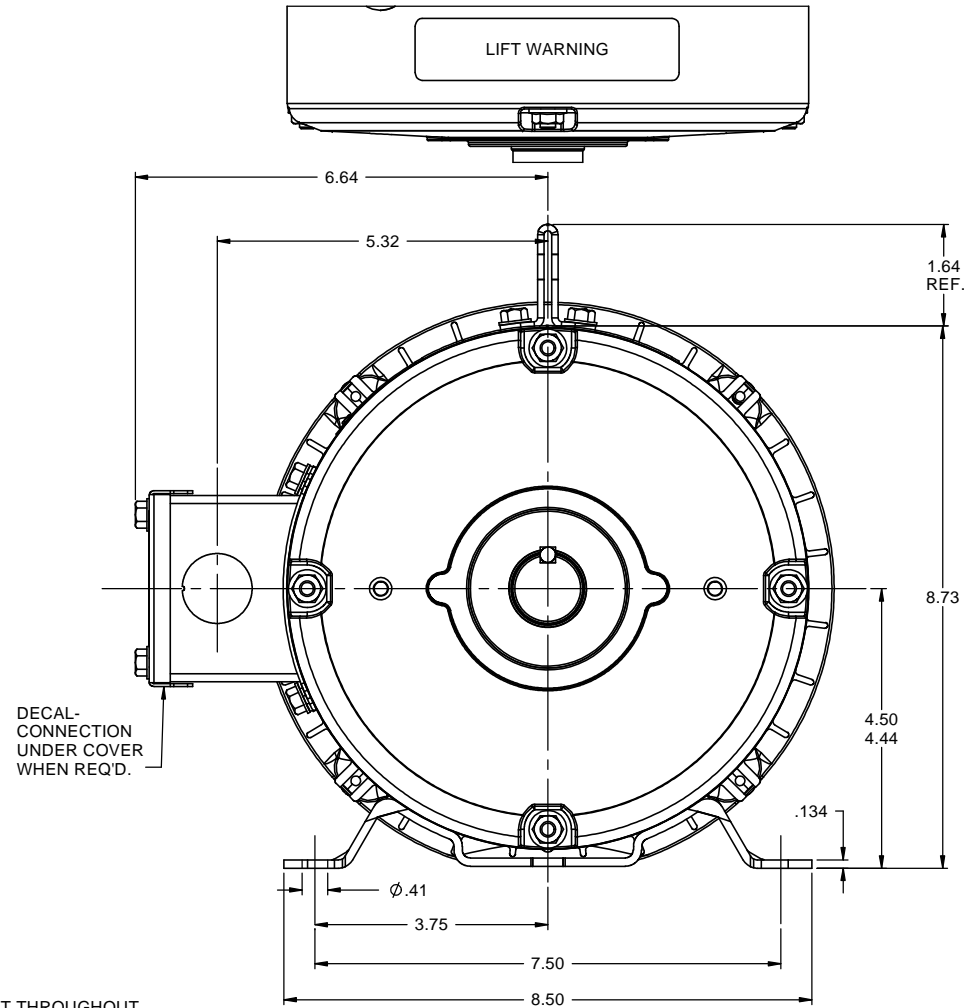
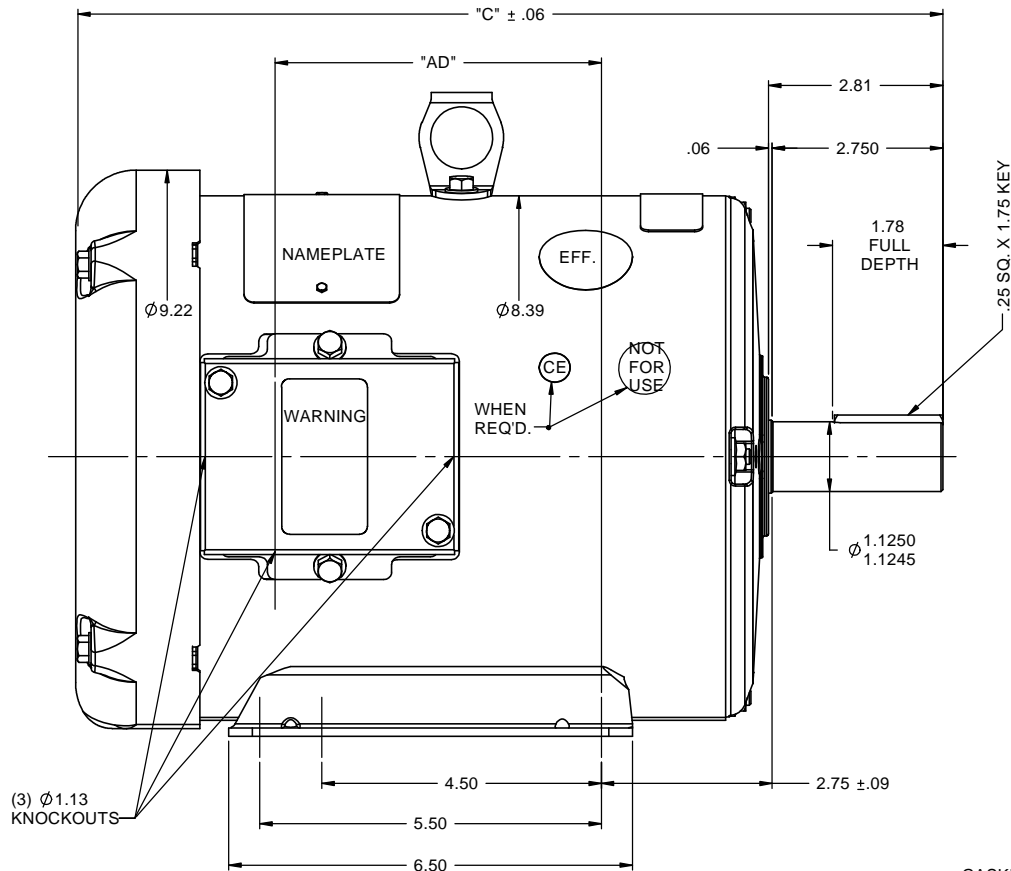
Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	575 V
Current	4.8 A	Speed	3495 rpm
Service Factor	1.15	Phase	3
Efficiency	88.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	K	Frame	184T
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6206
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	2	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	14.96 in	Frame Length	9.50 in
Shaft Diameter	1.125 in	Shaft Extension	2.75 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	035465-950	Connection Diagram	005102.01

RBC PROPRIETARY AND CONFIDENTIAL INFORMATION
This document is the property of REGAL BELOIT CORPORATION ("RBC") including its subsidiaries and divisions and contains proprietary information of RBC. This document is loaned on the express condition that neither it nor the information contained therein shall be disclosed to others without the express written consent of RBC, and that the information shall be used by the recipient only as approved expressly by RBC. This document shall be returned to RBC upon its request. This document may be subject to certain restrictions under U.S. export control laws and regulations.

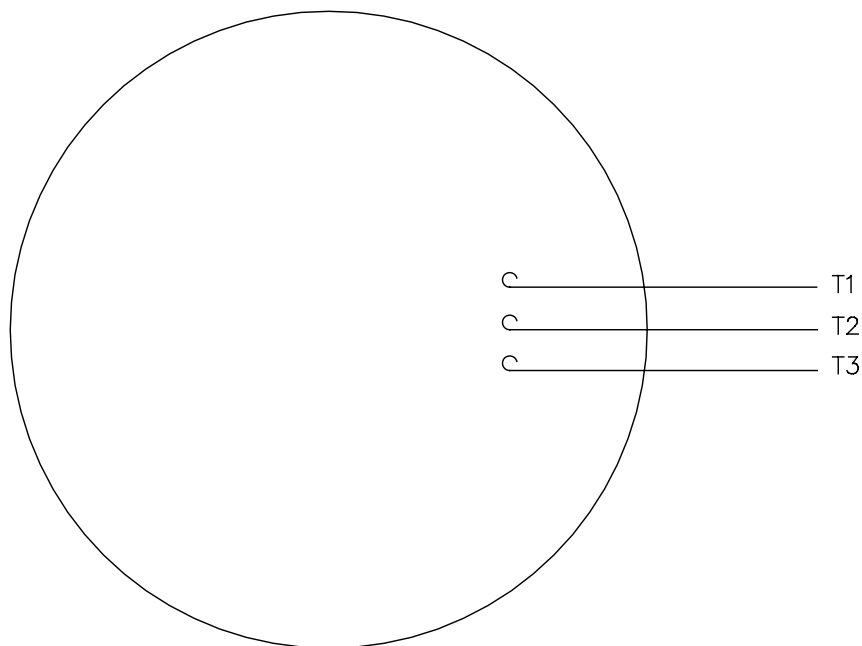


DASH NO.	"C"	"AD"
750	12.96	4.25
800	13.46	4.75
850	13.96	5.25
900	14.46	5.75
950	14.96	6.25
1000	15.46	6.75
1050	15.96	7.25
1100	16.46	7.75
1150	16.96	8.25

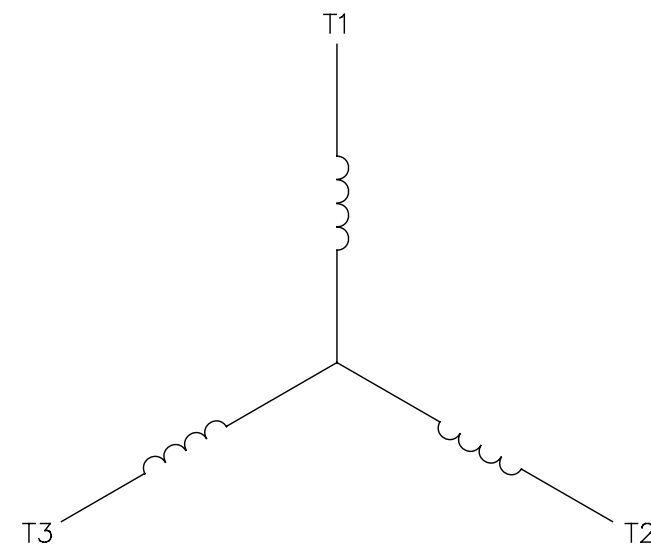
				TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION		DRAWN MGM 2/21/03	
				DEC INCHES				CHK	
				X ±.1				APPR RDW 2/21/03	
				XX ±.03		TITLE OUTLINE - 180T FRAME TEFC - RIGID		SCALE 1:2	
02 REV TO MATCH ORACLE				LST 8/13/2010	XX .xxx ±.005			REF 035450	
- UPDATE & REDRAWN IN SOLIDWORKS				LST 12/10/2009	XX .xxx ±.0005	MATL GENERAL PURPOSE		FMF	
NO REVISION				BY & DATE	CHK ANG ±1/2°	FINISH		PAGE OF	
THIRD ANGLE PROJECTION 					RFP	PREV		SIZE B	DRAWING NO 035465
					NETWORK FILE NAME 035465				REV 02

005102-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS

CONNECT LEADS AS FOLLOWS
FOR FOUR CONDUCTOR CORD ()

CORD	L1 (RED)	L2 (WHITE)	L3 (BLACK)	(GREEN)
MOTOR	T1	T2	T3	GROUND

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN	CHK	APPD	SCALE	REF	FMP	PREV	REV.
					DEC.	INCHES									
					.X	±.1									
08	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XX	±.01										
07	UPDATED TO CURRENT STANDARDS	DBT 5/30/97		.XXX	±.005										
06	REDRAWN ON CAD; ADDED DECAL NUMBER	SAW 1/24/95		.XXXX	±.0005										
					±1/2"										
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	5/1/02	CAD FILE	00510201	SIZE	DRAWING NO.		
								DIST	BRF-NLV			A	005102-01		08

REGAL™ Regal Beloit America, Inc.

Data Sheet

Date: 1/19/2018

132254.00



Data @ 575 V

Motor Load Data

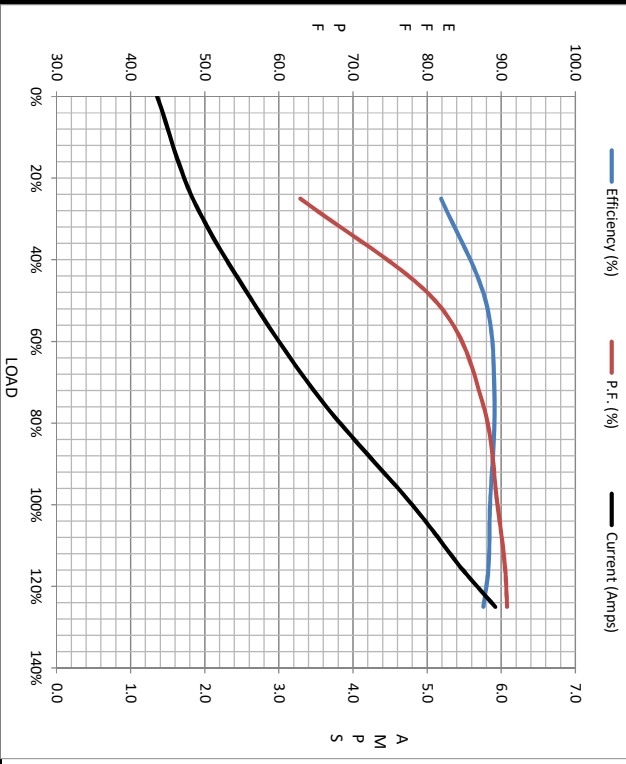
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	1.36	1.84	2.64	3.6	4.8	5.4	5.9	37.6	
Torque (ft-lb)	0.00	1.80	3.7	5.6	7.5	8.7	9.5	16.0	
RPM	3600	3576	3551	3526	3495	3477	3463	0	
Efficiency (%)		81.9	87.9	89.1	88.5	88.3	87.6		
P.F. (%)	14.8	62.9	81.1	87.5	89.5	90.5	90.8	0.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	1800	2850	3495	3600
Current (Amps)	37.6	33.6	24.0	4.8	1.36
Torque (ft-lb)	16.0	14.0	26.0	7.5	0.00

Information Block

HP	5.0
Sync. RPM	3600
Frame	180
Enclosure	TEFC
Construction	TFW
Voltage	575 V
Frequency	60 Hz
Design	B
LR Code letter	J
Service Factor	1.15
Temp Rise @ FL	55 °C
Duty	CONT
Ambient	40 °C
Elevation	1,000 feet
Rotor/Shaft wk²	0.00 Lb-Ft²
Rel Wdg	T82103 FR
Sound Pressure @ 1M	0 dBA
VFD Rating	NONE
Outline Dwg	035465-950
Conn. Diag	005102.01
Additional Specifications:	
0	
0	
EQUIV CKT (OHMS / PHASE)	
R1	R2
0.0000	0.0000
X1	X2
0.0000	0.0000
Xm	0.0000



Speed -Torque Curve

