

PRODUCT INFORMATION PACKET



Model No: C184T14FB7C
Catalog No: 131454.00
5HP.3.7kW.1425RPM.184.IP54.220/380V.3PH.50HZ.CONT.NOT.40C.1.0SF.RIGID.50
HERTZ.C184T14FB7C
50 Hz



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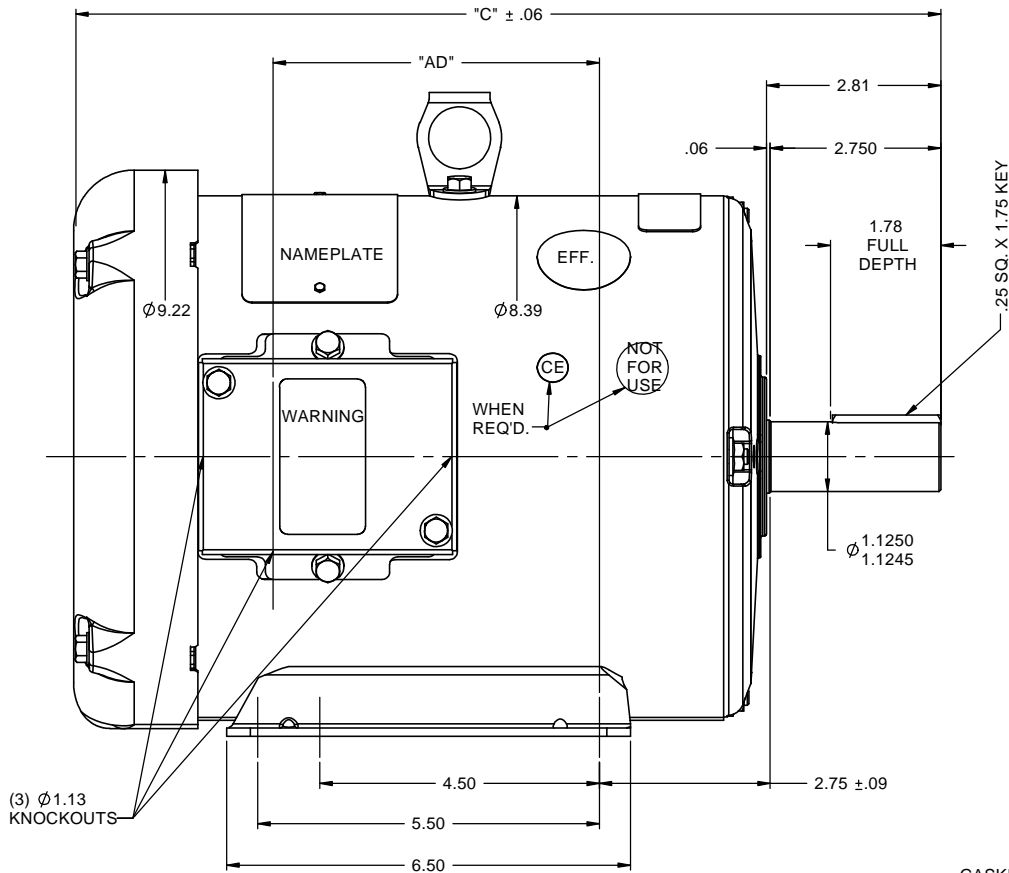
Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	50 Hz	Voltage	220/380/440 V
Current	14.0/8.1/7.0 A	Speed	1425 rpm
Service Factor	1	Phase	3
Efficiency	87.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	L	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	54		

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	16.46 in	Frame Length	10.00 in
Shaft Diameter	1.125 in	Shaft Extension	2.75 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	035465-1000	Connection Diagram	005381.01

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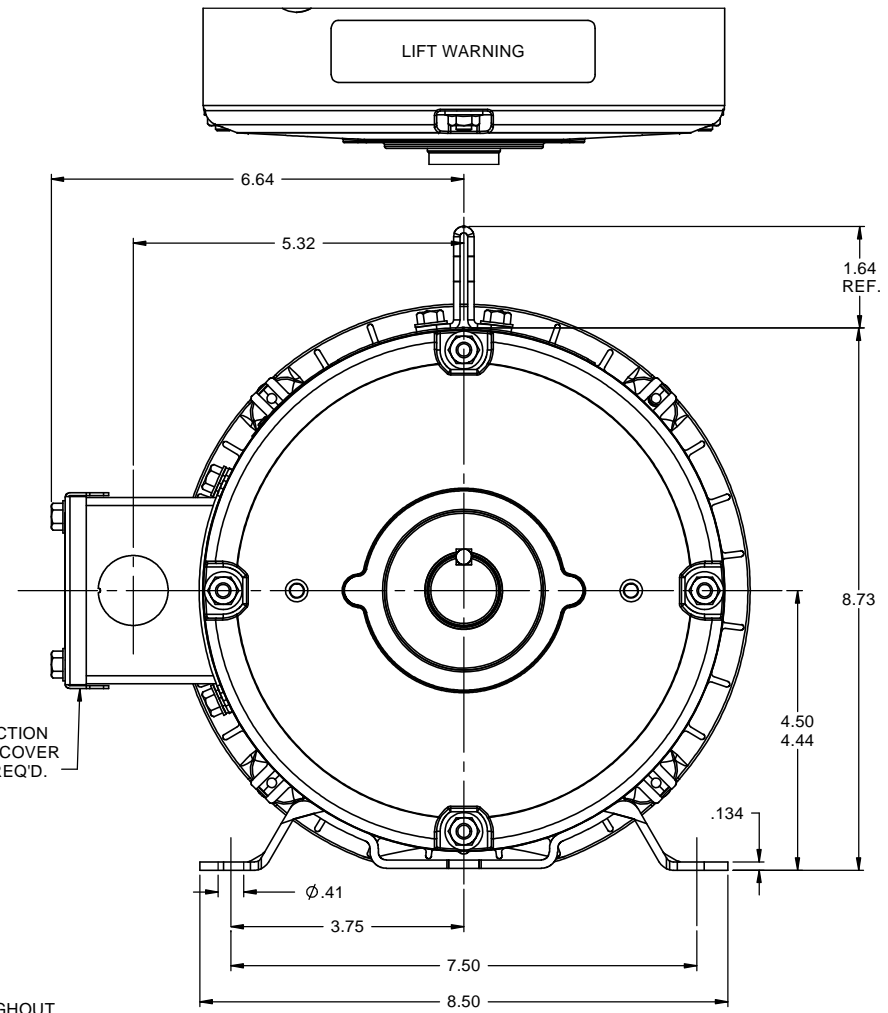


(3) Ø1.13 KNOCKOUTS

.25 SQ. X 1.75 KEY

DECAL-
CONNECTION
UNDER COVER
WHEN REQ'D.

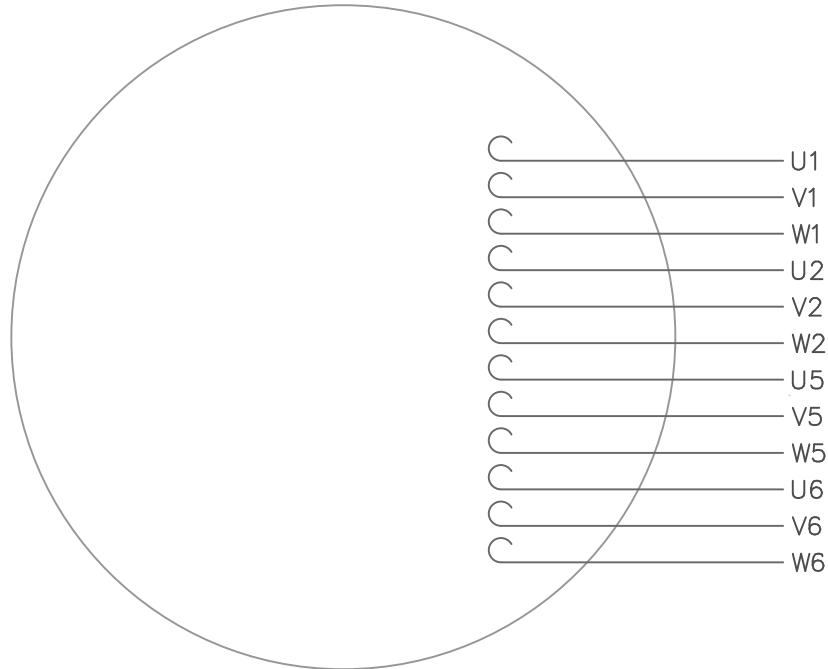
GASKET THROUGHOUT



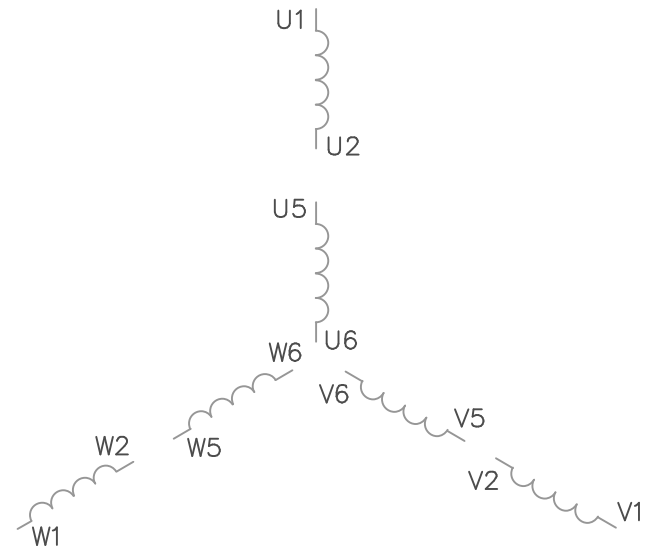
DASH NO.	"C"	"AD"
750	12.96	4.25
800	13.46	4.75
850	13.96	5.25
900	14.46	5.75
950	14.96	6.25
1000	15.46	6.75
1050	15.96	7.25
1100	16.46	7.75
1150	16.96	8.25

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

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



VOLTAGE	L1	L2	L3	JOIN
(2Δ) LOW	U1,W2 U5,W6	V1,U2 V5,U6	W1,V2 W5,V6	-----
(2Y) MEDIUM	U1,U5	V1,V5	W1,W5	(U2,V2,W2) (U6,V6,W6)
(1Δ) HIGH	U1,W6	V1,U6	W1,V6	(U2,U5) (V2,V5) (W2,W5)

TOLERANCES UNLESS OTHERWISE SPECIFIED

DECIMALS

.00 ± .01

.000 ± .005

.0000 ± .0005

FRACTIONS ± 1/64

ANGLES ± 1/2°

INCH/MM

LEESON ELECTRIC CORPORATION

DRAWN GWS 2/23/96

CH'K'D.

APPR.

SCALE 1=1

REF. 005352 PG 3

FMF

TITLE

MAT'L.

FINISH

EXT. WIRING DIAGRAM

TYPE "T" W/O PROTECTOR

DECAL - 080590

STOCK

SIZE

A

DRAWING NO.

005381-01

1 REDRAWN TO CURRENT STANDARDS

NO. REVISION

DBT

BY

05/30/97

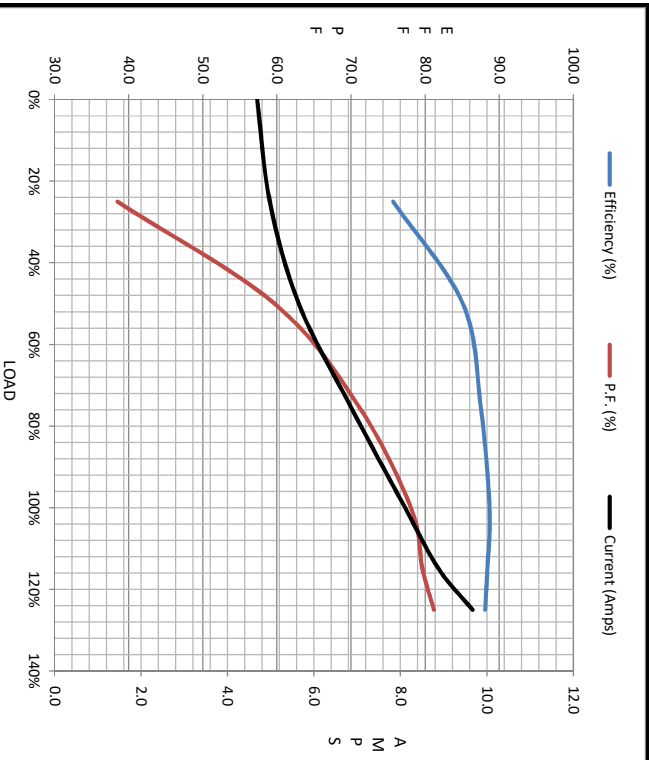
DATE

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Motor Load Data						
Load	0%	25%	50%	75%	100%	LR
Current (Amps)	4.7	5.0	5.7	6.8	8.1	71.8
Torque (ft-lb)	0.00	4.6	9.2	13.8	18.4	23.0
RPM	1500	1489	1474	1457	1441	0
Efficiency (%)		75.7	85.1	87.5	88.7	88.4
P.F. (%)	10.6	38.5	59.7	71.0	78.1	81.2

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:	EQUIV CKT (OHMS / PHASE)	R1	R2	X1	X2	Xm						
Speed (RPM)	0	750	1380	1441	1500	5.0	1500	184	IP54	TFW	220/380	50	B	L	1.0	102	CONT	40	1,000	0.51	FR	0	dB(A)	NONE	035465-1000	005381.01												
Current (Amps)	71.8	66.0	43.1	8.1	4.7																																	
Torque (ft-lb)	74.2	63.7	78.0	18.4	0.00																																	



	R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

