

PRODUCT INFORMATION PACKET



Model No: C182T28FC2C

Catalog No: 131505.00

3HP.2.2kW.2850RPM.182.IP54.220/380V.3PH.50HZ.CONT.NOT.40C.1.15SF.C FACE.50HZ.C182T28FC2C
50 Hz



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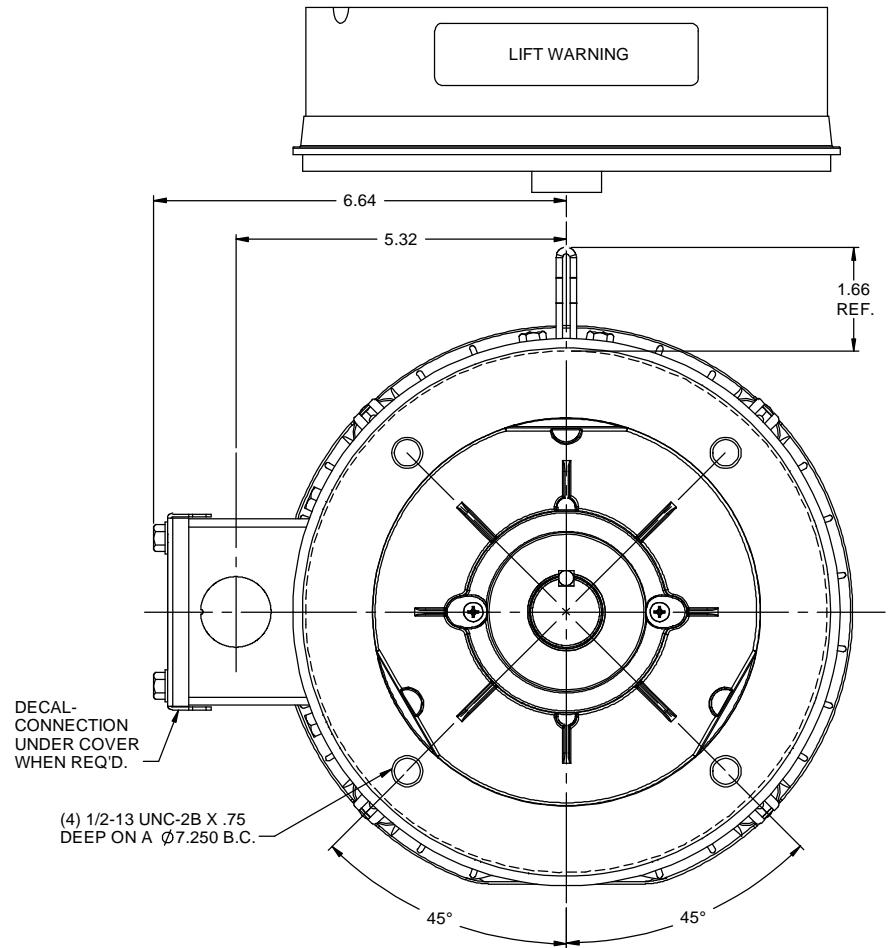
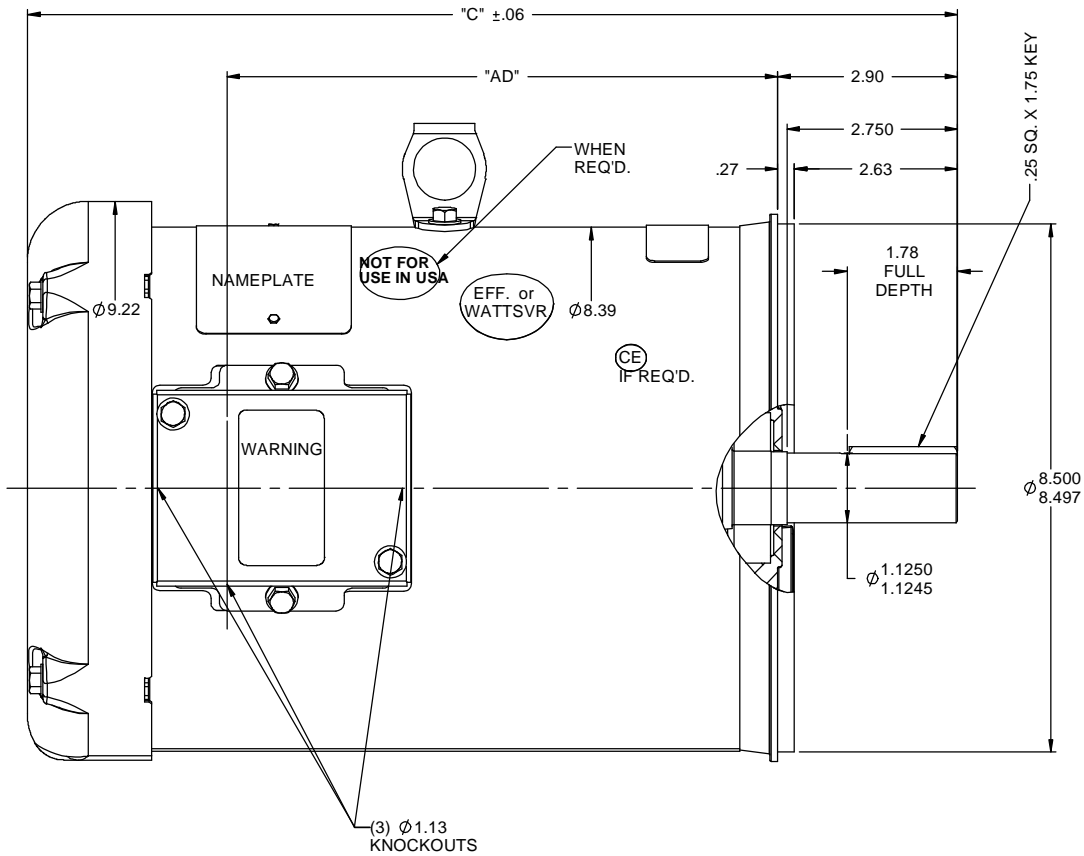
Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	50 Hz	Voltage	220/380/440 V
Current	8.4/4.8/4.2 A	Speed	2850 rpm
Service Factor	1.15	Phase	3
Efficiency	82.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	K	Frame	182TC
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	N
IP Code	54		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	13.97 in	Frame Length	8.50 in
Shaft Diameter	1.125 in	Shaft Extension	2.75 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	035518-850	Connection Diagram	005381.01

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GASKETS THROUGHOUT
 MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
 MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
 PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.

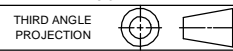
DASH NO.	"C"	"AD"
750	12.97	6.88
800	13.47	7.38
850	13.97	7.88
900	14.47	8.38
950	14.97	8.88
1000	15.47	9.38
1050	15.97	9.88
1100	16.47	10.38
1150	16.97	10.88

NO		REVISION	BY & DATE	CHK	LANG	±1/2°	FINISH	PREV	SIZE	DRAWING NO	REV
		UPDATED & REDRAWN IN SOLIDWORKS	LST 12/17/2009	XX	XXX	±.0005	GENERAL PURPOSE		B	035518	-

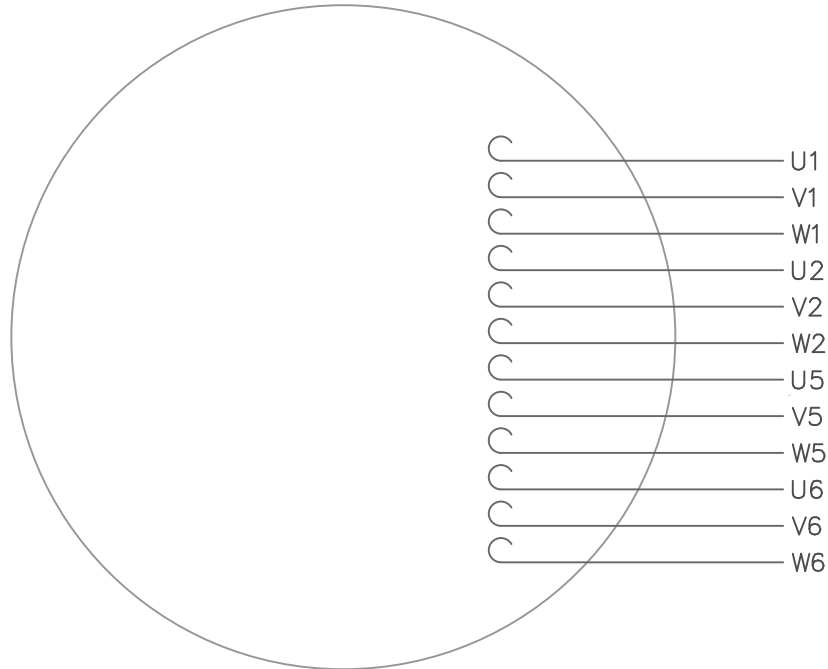


TOLERANCES UNLESS SPECIFIED
 DEC INCHES
 X ±.1
 XX ±.03
 XXX ±.005
 XXXX ±.0005
 TITLE OUTLINE - 180TC FRAME
 TEFC - "C" FACE
 MATL GENERAL PURPOSE

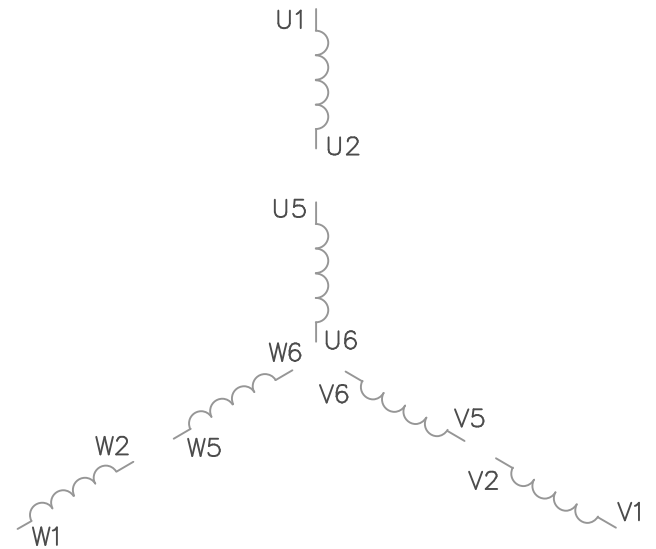
DRAWN RDW 4/18/07
 CHK
 APPR SW 4/18/07
 SCALE 1:2
 REF 035452
 FMF
 PAGE OF



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 DBT 05/30/97

NO. REVISION BY DATE

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