

PRODUCT INFORMATION PACKET



Model No: C4T14FC3 A

Catalog No: 102694.00

..1/2HP..1425RPM.S56C.IP54.220/380/440V.3PH.50HZ.CONT.40C.1.15SF.C FACE.C4T14FC3A.....50
HERTZ.NOT.....37kW...

50 Hz



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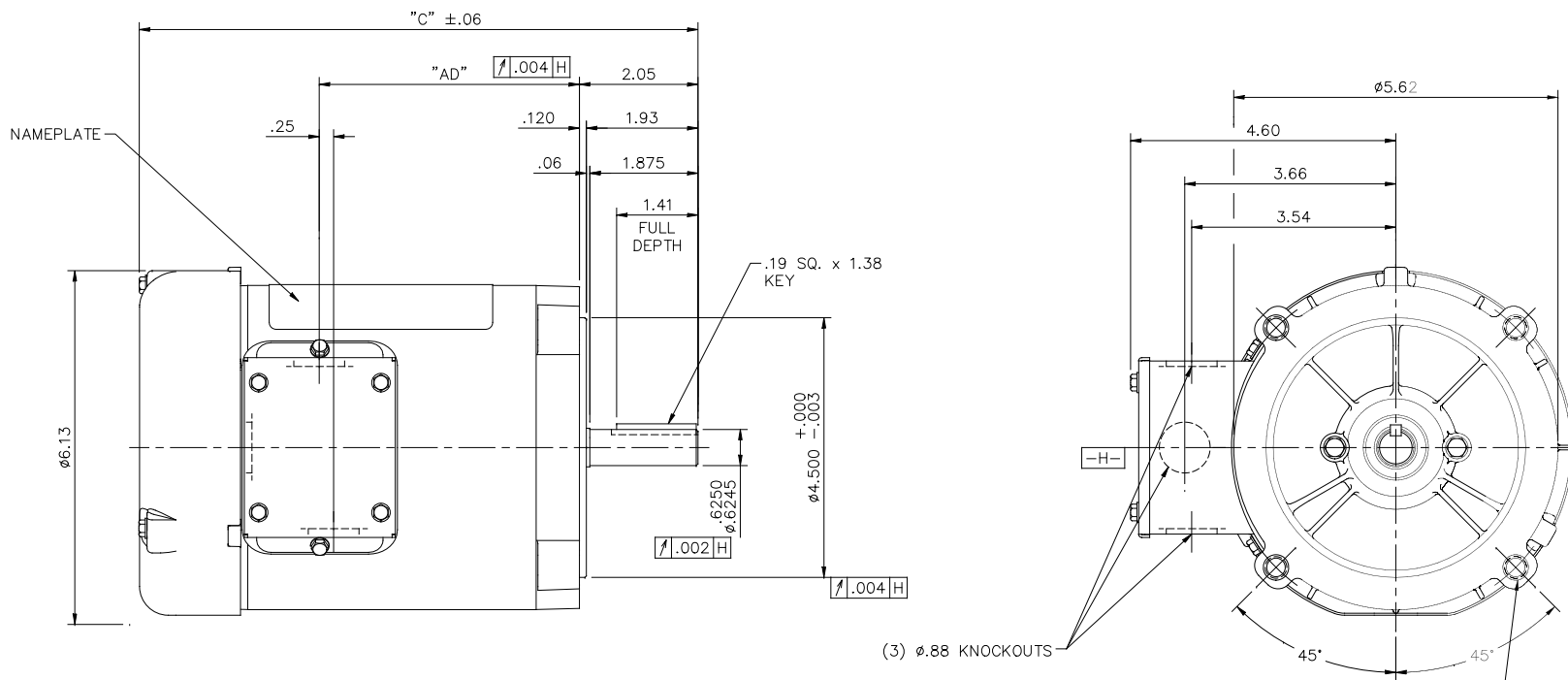
Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	50 Hz	Voltage	220/380/440 V
Current	2.4/1.4/1.2 A	Speed	1425 rpm
Service Factor	1.15	Phase	3
Efficiency	72 %	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	L	Frame	S56C
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	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	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	10.19 in	Frame Length	5.50 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031637-550	Connection Diagram	005381.01

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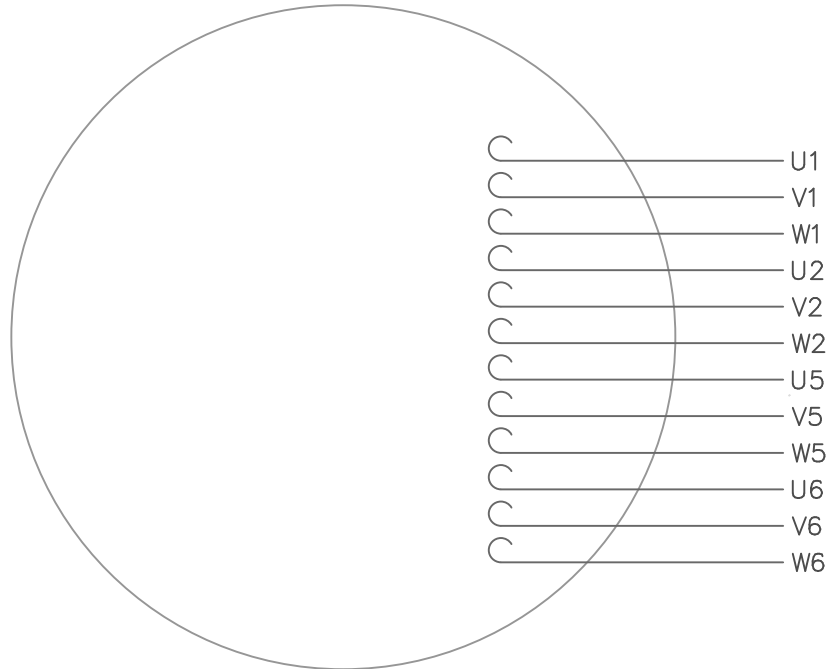


DASH NO.	"C"	"AD"
475	9.44	4.25
500	9.69	4.50
525	9.94	4.75
550	10.19	5.00
575	10.44	5.25
600	10.69	5.50
625	10.94	5.75
650	11.19	6.00
675	11.44	6.25
700	11.69	6.50
725	11.94	6.75
750	12.19	7.00

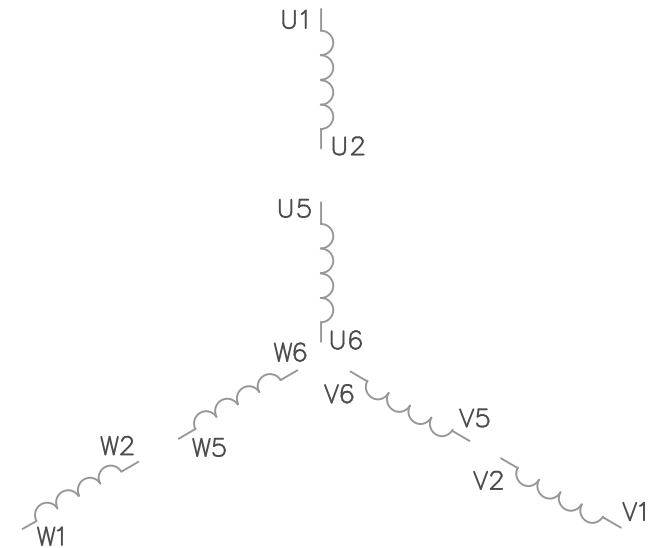
GASKETS THROUGHOUT

				TOLERANCES UNLESS SPECIFIED		REGAL™ Regal Beloit America, Inc.		DRAWN PG 7/12/01	
				DEC.	INCHES			CHK	
				.X	±.1			APPD PG 7/12/01	
02	ADDED DASH NO. 475 TO TABLE (102184.00)	PG	9/19/02	.XX	±.03	TITLE		OUTLINE - S56C FRAME	
01	REVISED CALLOUT FOR GD&T	KMM	6/6/02	.XXX	±.005	"C" FACE MOUNT - TEFC		SCALE 1=2	
NO.	REVISION	BY & DATE	CHK	.XXXX	±.0005	MAT'L		3 PHASE	
				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		CAD FILE		031637	
				DIST		SIZE		DRAWING NO.	
						B		031637	
								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 TITLE EXT. WIRING DIAGRAM
CH'K'D. TYPE "T" W/O PROTECTOR

APPR. MAT'L. DECAL - 080590

SCALE 1=1

REF. 005352 PG 3 FINISH STOCK SIZE A DRAWING NO.

FMF 005381-01

1	REDRAWN TO CURRENT STANDARDS	DBT	05/30/97
NO.	REVISION	BY	DATE

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