

PRODUCT INFORMATION PACKET



Model No: C6T14FC6 C
Catalog No: 114894.00
3/4HP..55kW.1425RPM.56.IP54.220/380V.3PH.50HZ.CONT.NOT.40C.1.15SF.C FACE.50
HERTZ.C6T14FC6C
50 Hz



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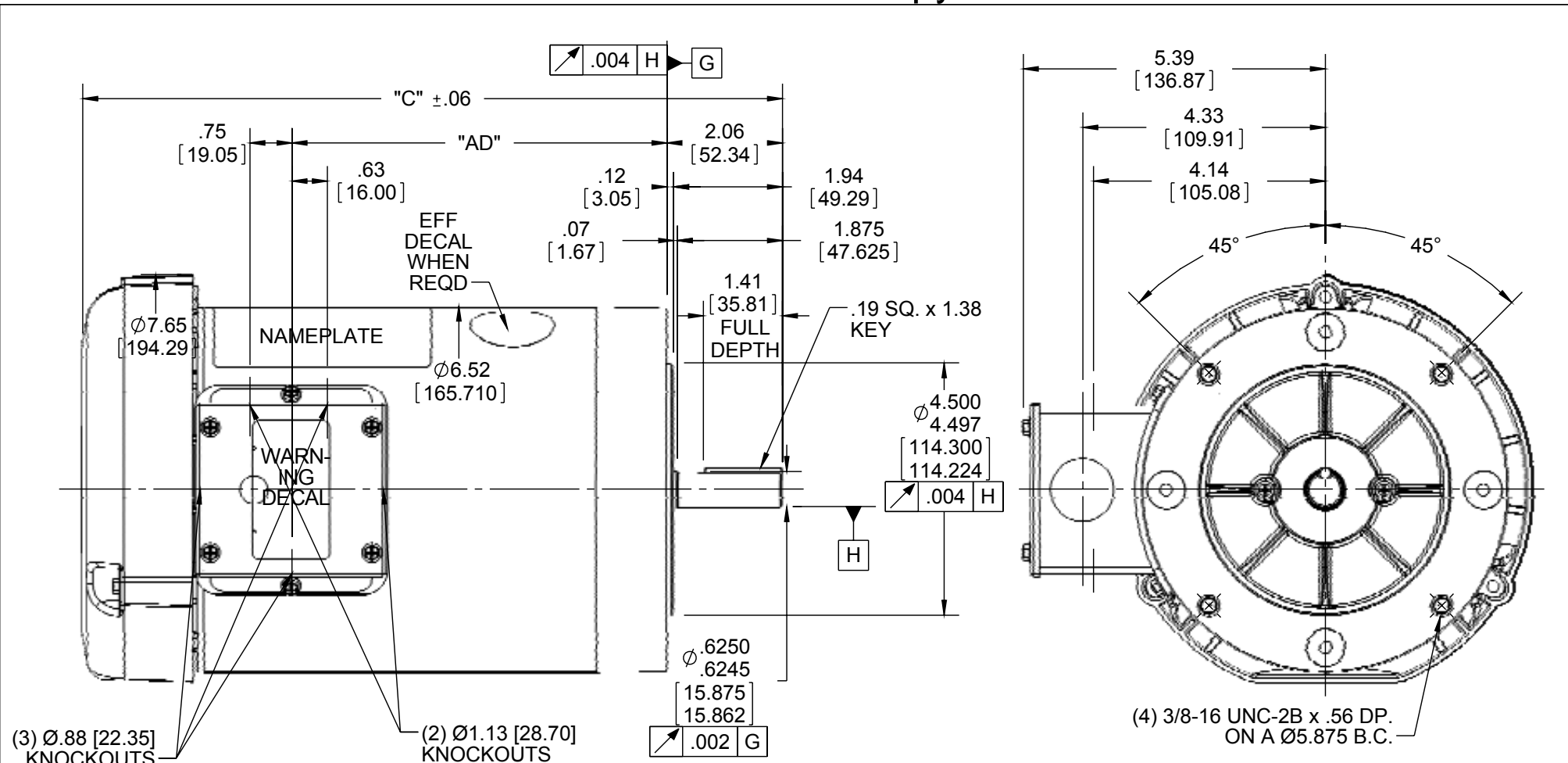


Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	50 Hz	Voltage	220/380/440 V
Current	3.2/1.9/1.6 A	Speed	1425 rpm
Service Factor	1.15	Phase	3
Efficiency	74 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	J	Frame	56C
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	10.98 in	Frame Length	5.50 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028776-550	Connection Diagram	005381.01



NOTE:
1) GASKETS THROUGHOUT

ORACLE REV
004

DASH NO.	"C"	"AD"
450	9.98	4.19
500	10.48	4.69
550	10.98	5.19
600	11.48	5.69
625	11.73	5.94

DASH NO.	"C"	"AD"
650	11.98	6.19
675	12.23	6.44
700	12.48	6.69
750	12.98	7.19
800	13.48	7.69

DRAWING REVISION E
ECO ECO-0092098
ECO DESCRIPTION
ADDED #450 (114176)
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TOLERANCES UNLESS OTHERWISE SPECIFIED:
DEC. INCH mm ANGLE
.X ±0.1 [±2.5] ±0.5°
.XX ±0.01 [±0.25]
.XXX ±0.005 [±0.127]
.XXXX ±0.0005 [±0.0127]
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 125/3.2 INCH/mm
mm SHOWN IN [BRACKETS]

DRAWN BY KMM
DATE 08/01/07
APPROVED BY
DATE
REFERENCE
THIRD ANGLE PROJECTION

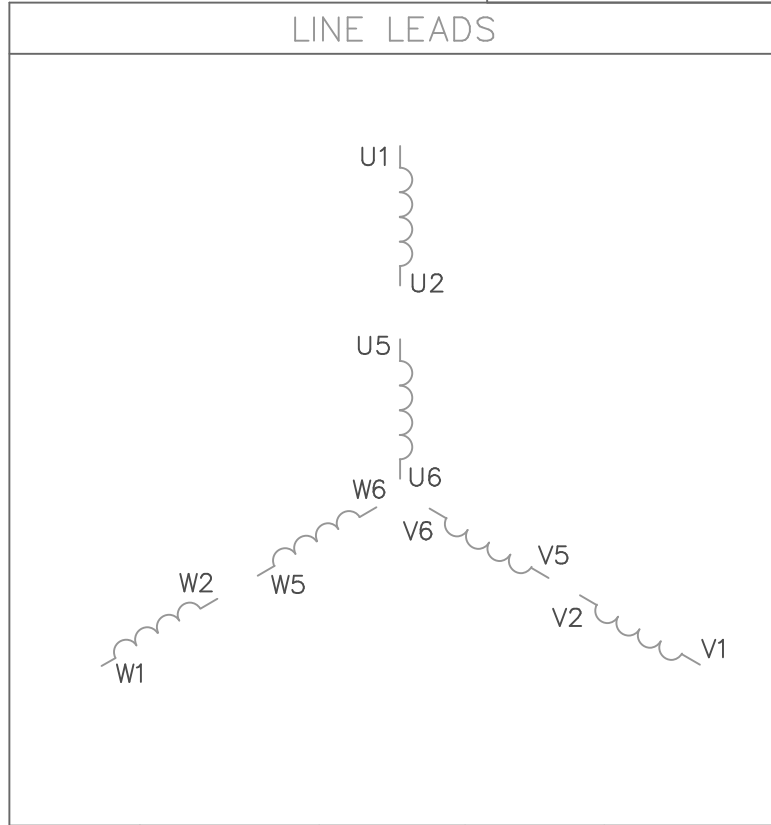
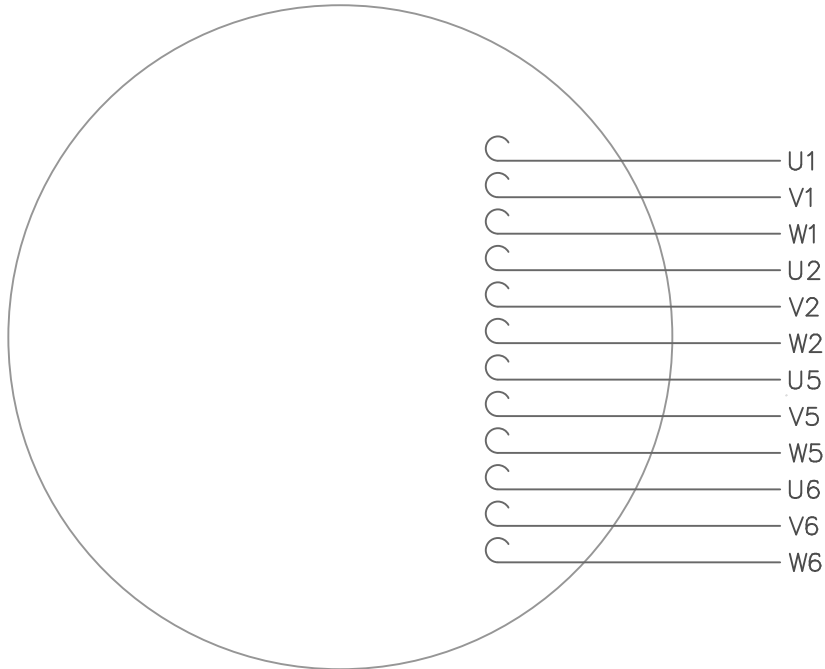
REGAL™ Regal Beloit America, Inc.

DESCRIPTION
OUTLINE
56C FRAME TEFC - "C" FACE

MATERIAL PROCESS/FINISH
GENERAL PURPOSE

SIZE A DRAWING NUMBER 028776 SHEET 1 OF 1

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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
1	REDRAWN TO CURRENT STANDARDS	DBT	05/30/97	.0000	± .0005
NO.	REVISION	BY	DATE	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. 005381-01
 FMF



P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005381.01
OUTLINE: 028776-550
WINDING: T634218

CAT #: 114894.00

FR 4

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN		
0.75	0.56	1500	1447	56C	TEFC	NA	J	NONE		
PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.	
3	50	220/380/440	3.15/1.85/1.6	ACROSS THE LINE	CONT	B	1.15	40	3300	
	F.L. EFF	75.9	3/4 LD EFF	73.9	1/2 LD EFF	68.1	GTD EFF		ELECT. TYPE	
	F.L. PF	60.6	3/4 LD PF	51.0	1/2 LD PF	39.3	0.0		SO CAGE IND RUN	
	F.L. TORQUE	LR AMPS @ 460 V	8.9	8.7	LB-FT	322%	11.8	LB-FT	F.L. RISE (°C)	
	2.70	LB-FT							437%	
									65	
	PRESSURE @ 3	POWER	ROTOR WK²	MAX. LOAD WK²	SAFE STALL TIME	STARTS/HOUR	MOTOR WGT			
	999	DBA	1008	DBA	0.07	LB-FT²	0	LB-FT²	10	SEC.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	NO	NONE	NO	NONE	JE - LEESON (ENAM)
BEARINGS DE	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL		
BALL 6203	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL		
6203								
THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS		
NONE	NOT	NONE	NONE	NONE	FALSE	NA		
R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT ODE		
0	0	0	0	0	0.150			

* N O T E S *		INVERTER TORQUE: NONE	
		INV. HP SPEED RANGE: NONE	
		ENCODER: NONE	
		NONE	
		BRAKE: NONE	
		NONE	
		FT-LB: NA	
		NONE	
		VOLTAGE: NONE	
		NONE	
		UL: Y-(LEESON UL REC)	

DATE:	2/23/2018	HZ:	
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P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

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F.L. EFF	F.L. PF	75.9	60.6	3/4 LD EFF	3/4 LD PF	73.9	51.0	1/2 LD EFF	1/2 LD PF	68.1	39.3	0.0	ELECT. TYPE	SO CAGE IND RUN			
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R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT ODE
0	0	0	0	0	0.150	

* NOT TESTED		INVERTER TORQUE: NONE
		INV. HP SPEED RANGE: NONE
ENCODER: NONE		
BRAKE: NONE		
FT-LB: NA		
VOLTAGE: NONE		
UL: Y-(LEESON UL REC)		

DATE:	1/30/2018	HZ:
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